

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051619\  
 Data File : VF062621.D  
 Acq On : 16 May 2019 12:01  
 Operator : FY/SY  
 Sample : VSTDICCC050  
 Misc : 5.00g/5mL/MSVOA F/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDICCC050

Manual Integrations  
 APPROVED

MMDadoda  
 5/17/2019 4:20:09 PM

Quant Time: May 17 05:14:26 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F051619S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 17 04:56:17 2019  
 Response via : Initial Calibration

| Internal Standards            | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|-------|------|----------|---------|--------|----------|
| 1) Pentafluorobenzene         | 5.07  | 168  | 773771   | 50.00   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 5.79  | 114  | 1241783  | 50.00   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 9.92  | 117  | 960209   | 50.00   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.62 | 152  | 500587   | 50.00   | ug/l   | 0.00     |
| System Monitoring Compounds   |       |      |          |         |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.04  | 65   | 266631   | 48.76   | ug/l   | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =       | 97.52% |          |
| 35) Dibromofluoromethane      | 4.32  | 113  | 470723   | 49.54   | ug/l   | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =       | 99.08% |          |
| 50) Toluene-d8                | 7.72  | 98   | 1123322  | 49.51   | ug/l   | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =       | 99.02% |          |
| 62) 4-Bromofluorobenzene      | 11.50 | 95   | 415965   | 48.34   | ug/l   | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =       | 96.68% |          |
| Target Compounds              |       |      |          |         |        |          |
|                               |       |      |          |         | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.01  | 85   | 531489   | 50.474  | ug/l   | 100      |
| 3) Chloromethane              | 1.14  | 50   | 517584   | 53.383  | ug/l   | 100      |
| 4) Vinyl Chloride             | 1.19  | 62   | 492853   | 55.223  | ug/l   | 100      |
| 5) Bromomethane               | 1.40  | 94   | 262985   | 53.863  | ug/l   | 100      |
| 6) Chloroethane               | 1.44  | 64   | 193884   | 59.151  | ug/l   | 100      |
| 7) Trichlorofluoromethane     | 1.55  | 101  | 664329   | 58.843  | ug/l   | 100      |
| 8) Diethyl Ether              | 1.72  | 74   | 116137   | 48.920  | ug/l   | 100      |
| 9) 1,1,2-Trichlorotrifluoroet | 1.91  | 101  | 414657   | 54.342  | ug/l   | 100      |
| 10) Methyl Iodide             | 1.98  | 142  | 813163   | 54.249  | ug/l   | 100      |
| 11) Tert butyl alcohol        | 2.70  | 59   | 91396    | 253.180 | ug/l   | 100      |
| 12) 1,1-Dichloroethene        | 1.87  | 96   | 377367   | 54.290  | ug/l   | 100      |
| 13) Acrolein                  | 2.11  | 56   | 105103   | 278.918 | ug/l   | 100      |
| 14) Allyl chloride            | 2.20  | 41   | 352081m  | 51.552  | ug/l   |          |
| 15) Acrylonitrile             | 3.10  | 53   | 245406   | 240.997 | ug/l   | 100      |
| 16) Acetone                   | 2.36  | 43   | 395977   | 279.145 | ug/l   | 100      |
| 17) Carbon Disulfide          | 1.92  | 76   | 1159780  | 58.557  | ug/l   | 100      |
| 18) Methyl Acetate            | 2.46  | 43   | 110918   | 45.754  | ug/l   | 100      |
| 19) Methyl tert-butyl Ether   | 2.55  | 73   | 676067   | 54.408  | ug/l   | 100      |
| 20) Methylene Chloride        | 2.34  | 84   | 359146m  | 50.805  | ug/l   |          |
| 21) trans-1,2-Dichloroethene  | 2.43  | 96   | 367407   | 54.078  | ug/l   | 100      |
| 22) Diisopropyl ether         | 2.95  | 45   | 797136   | 51.375  | ug/l   | 100      |
| 23) Vinyl Acetate             | 3.35  | 43   | 2773407  | 264.973 | ug/l   | 100      |
| 24) 1,1-Dichloroethane        | 3.02  | 63   | 609523   | 53.549  | ug/l   | 100      |
| 25) 2-Butanone                | 4.53  | 43   | 831197   | 274.260 | ug/l   | 100      |
| 26) 2,2-Dichloropropane       | 3.79  | 77   | 351152   | 53.918  | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene    | 3.66  | 96   | 589719   | 52.769  | ug/l   | 100      |
| 28) Bromochloromethane        | 3.91  | 49   | 294646   | 46.155  | ug/l   | 100      |
| 29) Tetrahydrofuran           | 4.28  | 42   | 305727   | 249.285 | ug/l   | 100      |
| 30) Chloroform                | 4.06  | 83   | 853895   | 54.031  | ug/l   | 100      |
| 31) Cyclohexane               | 3.88  | 56   | 827391   | 58.387  | ug/l   | 100      |
| 32) 1,1,1-Trichloroethane     | 4.30  | 97   | 578337   | 55.103  | ug/l   | 100      |
| 36) 1,1-Dichloropropene       | 4.49  | 75   | 701308   | 55.115  | ug/l   | 100      |
| 37) Ethyl Acetate             | 4.31  | 43   | 257580   | 49.578  | ug/l   | 100      |
| 38) Carbon Tetrachloride      | 4.20  | 117  | 585150m  | 65.271  | ug/l   |          |

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 Operator : FY/SY  
 Sample : VSTDICCC050  
 Misc : 5.00g/5mL/MSVOA F/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDICCC050

Manual Integrations  
 APPROVED

MMDadoda  
 5/17/2019 4:20:09 PM

Quant Time: May 17 05:14:26 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F051619S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 17 04:56:17 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 5.65  | 83   | 865666   | 56.540   | ug/l   | 100      |
| 40) Benzene                    | 4.83  | 78   | 1846726  | 53.274   | ug/l   | 100      |
| 41) Methacrylonitrile          | 4.94  | 41   | 145661   | 53.477   | ug/l   | 100      |
| 42) 1,2-Dichloroethane         | 5.14  | 62   | 386542   | 55.917   | ug/l   | 100      |
| 43) Isopropyl Acetate          | 7.12  | 43   | 336299   | 49.964   | ug/l   | 100      |
| 44) Trichloroethene            | 5.69  | 130  | 530344   | 54.435   | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 6.42  | 63   | 483881   | 55.297   | ug/l   | 100      |
| 46) Dibromomethane             | 6.27  | 93   | 270812   | 53.549   | ug/l   | 100      |
| 47) Bromodichloromethane       | 6.57  | 83   | 575387   | 54.805   | ug/l   | 100      |
| 48) Methyl methacrylate        | 6.89  | 41   | 189576   | 53.886   | ug/l   | 100      |
| 49) 1,4-Dioxane                | 6.88  | 88   | 48461    | 1075.488 | ug/l   | 100      |
| 51) 4-Methyl-2-Pentanone       | 8.41  | 43   | 1126475  | 244.844  | ug/l   | 100      |
| 52) Toluene                    | 7.79  | 92   | 962225   | 52.928   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 8.43  | 75   | 469239   | 54.630   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 7.47  | 75   | 648774   | 53.959   | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane      | 8.65  | 97   | 277160   | 51.490   | ug/l   | 100      |
| 56) Ethyl methacrylate         | 8.76  | 69   | 311055   | 48.504   | ug/l   | 100      |
| 57) 1,3-Dichloropropane        | 9.00  | 76   | 481848   | 52.555   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 7.45  | 63   | 549220   | 263.110  | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.63  | 43   | 819490   | 243.618  | ug/l   | 100      |
| 60) Dibromochloromethane       | 8.87  | 129  | 380724   | 54.269   | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 9.14  | 107  | 297918   | 52.108   | ug/l   | 100      |
| 64) Tetrachloroethene          | 8.31  | 164  | 396430   | 52.114   | ug/l   | 100      |
| 65) Chlorobenzene              | 9.94  | 112  | 1018219  | 53.990   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.07 | 131  | 412711   | 54.512   | ug/l   | 100      |
| 67) Ethyl Benzene              | 10.04 | 91   | 1721114  | 52.532   | ug/l   | 100      |
| 68) m/p-Xylenes                | 10.27 | 106  | 1341100  | 108.911  | ug/l   | 100      |
| 69) o-Xylene                   | 10.82 | 106  | 671970   | 52.981   | ug/l   | 100      |
| 70) Styrene                    | 10.89 | 104  | 1018096  | 52.812   | ug/l   | 100      |
| 71) Bromoform                  | 10.89 | 173  | 192987   | 50.895   | ug/l # | 100      |
| 73) Isopropylbenzene           | 11.22 | 105  | 1775600  | 49.490   | ug/l   | 100      |
| 74) N-amyl acetate             | 11.45 | 43   | 466228   | 42.122   | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 11.77 | 83   | 365190   | 49.807   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 11.88 | 75   | 243882   | 50.622   | ug/l   | 100      |
| 77) Bromobenzene               | 11.58 | 156  | 465097   | 52.152   | ug/l   | 100      |
| 78) n-propylbenzene            | 11.68 | 91   | 2159711  | 50.864   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.80 | 91   | 1194431  | 49.915   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.90 | 105  | 1455355  | 50.589   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.95 | 75   | 111180m  | 41.537   | ug/l   |          |
| 82) 4-Chlorotoluene            | 11.98 | 91   | 1215752  | 51.521   | ug/l   | 100      |
| 83) tert-Butylbenzene          | 12.20 | 119  | 1509254  | 51.710   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 12.27 | 105  | 1405638  | 50.482   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 12.37 | 105  | 1976790  | 50.467   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.52 | 119  | 1663168  | 50.383   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 12.54 | 146  | 820120   | 50.830   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 12.63 | 146  | 764785   | 50.510   | ug/l   | 100      |
| 89) n-Butylbenzene             | 12.90 | 91   | 1632267  | 50.151   | ug/l   | 100      |
| 90) Hexachloroethane           | 12.97 | 117  | 425097   | 53.682   | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 13.00 | 146  | 729472   | 50.720   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 13.69 | 75   | 43699    | 49.959   | ug/l   | 100      |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051619\  
Data File : VF062621.D  
Acq On : 16 May 2019 12:01  
Operator : FY/SY  
Sample : VSTDICCC050  
Misc : 5.00g/5mL/MSVOA F/SOIL  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDICCC050

Manual Integrations  
APPROVED

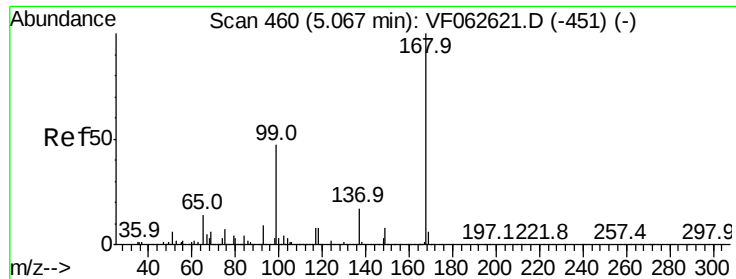
MMDadoda  
5/17/2019 4:20:09 PM

Quant Time: May 17 05:14:26 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_F\METHODS\82F051619S.M  
Quant Title : SW846 8260  
QLast Update : Fri May 17 04:56:17 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.24 | 180  | 510148   | 49.554 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 14.23 | 225  | 362766   | 50.493 | ug/l  | 100      |
| 95) Naphthalene            | 14.50 | 128  | 889305   | 47.549 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.64 | 180  | 494832   | 50.745 | ug/l  | 100      |

(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. 0.00 min

Lab File: VF062621.D

Acq: 16 May 2019 12:01

Instrument :

MSVOA\_F

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 773771

Ion Ratio Lower Upper

168 100

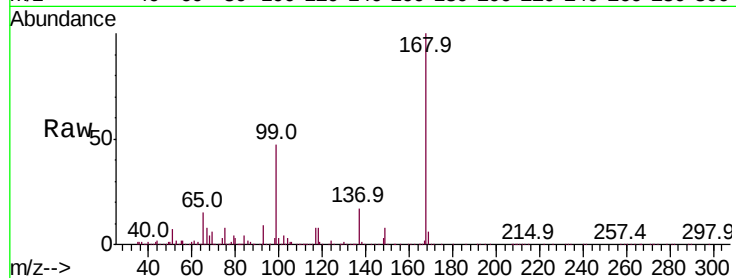
99 47.3 37.8 56.8

Manual Integrations

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5/17/2019 4:20:09 PM



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.07

250000

200000

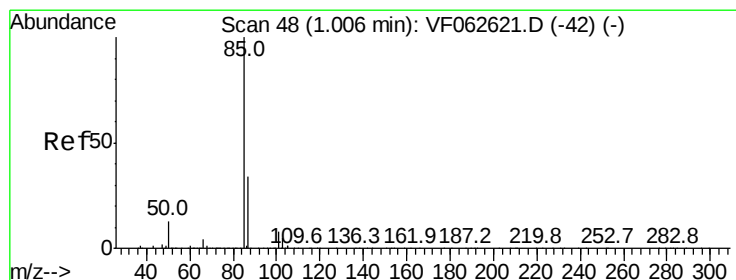
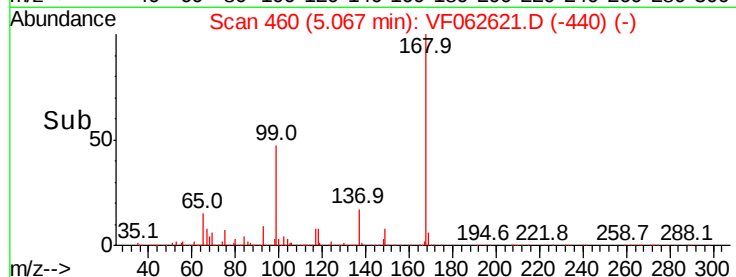
150000

100000

50000

0

Time--> 4.90 5.00 5.10 5.20 5.30



#2

Dichlorodifluoromethane

Concen: 50.474 ug/l

RT: 1.01 min Scan# 48

Delta R.T. 0.00 min

Lab File: VF062621.D

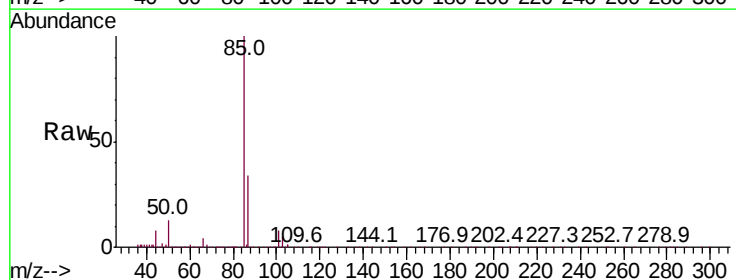
Acq: 16 May 2019 12:01

Tgt Ion: 85 Resp: 531489

Ion Ratio Lower Upper

85 100

87 33.5 16.8 50.3



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

1.01

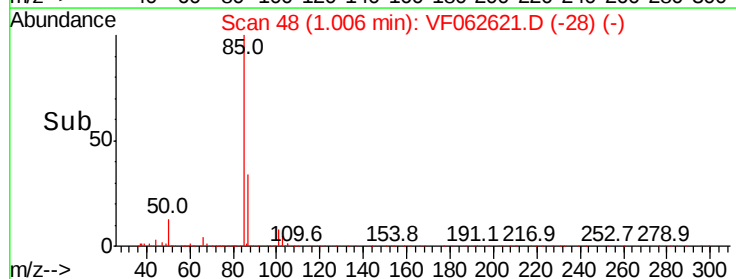
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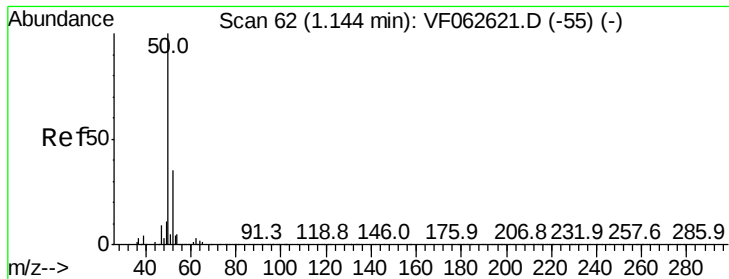
100000

50000

0

Time--> 0.90 1.00 1.10 1.20





#3

Chloromethane

Concen: 53.383 ug/l

RT: 1.14 min Scan# 62

Delta R.T. 0.00 min

Lab File: VF062621.D

Acq: 16 May 2019 12:01

Instrument :

MSVOA\_F

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 517584

Ion Ratio Lower Upper

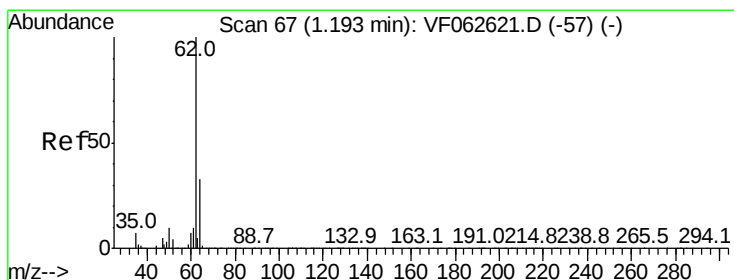
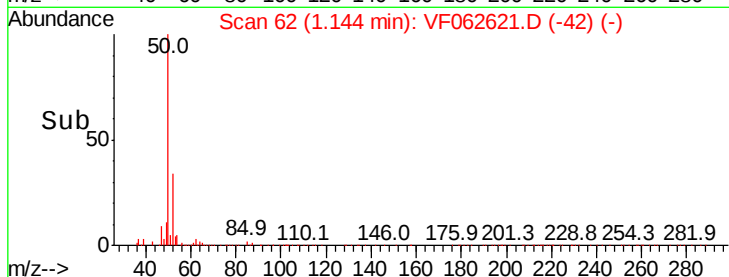
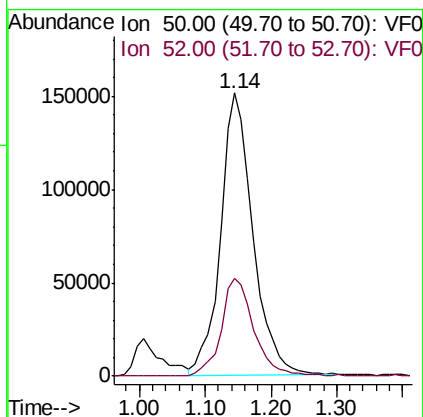
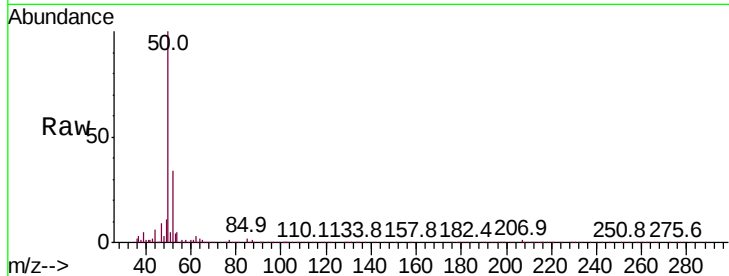
50 100

52 34.4 27.5 41.3

Manual Integrations  
APPROVED

MMDadoda

5/17/2019 4:20:09 PM



#4

Vinyl Chloride

Concen: 55.223 ug/l

RT: 1.19 min Scan# 67

Delta R.T. 0.00 min

Lab File: VF062621.D

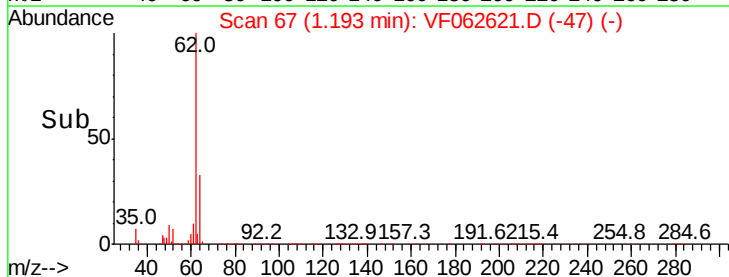
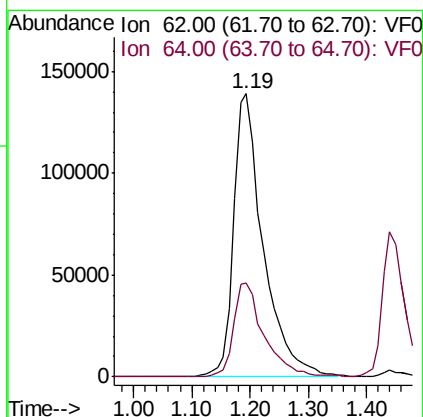
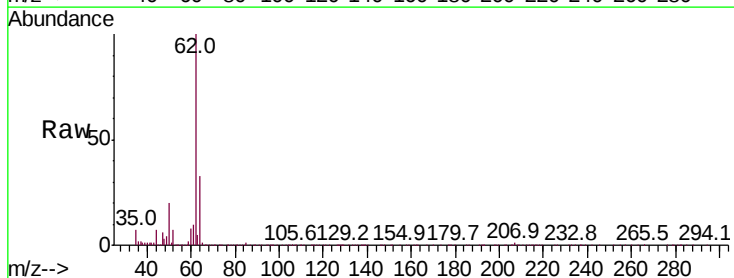
Acq: 16 May 2019 12:01

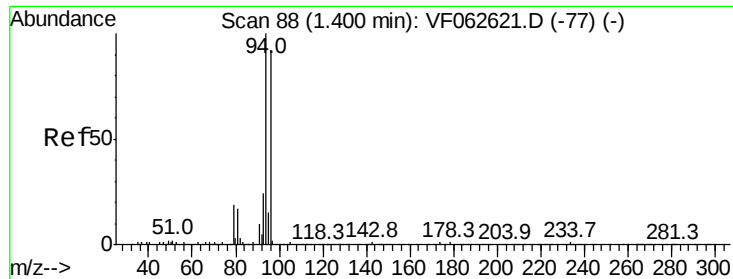
Tgt Ion: 62 Resp: 492853

Ion Ratio Lower Upper

62 100

64 33.4 26.7 40.1





#5

Bromomethane

Concen: 53.863 ug/l

RT: 1.40 min Scan# 88

Delta R.T. 0.00 min

Lab File: VF062621.D

Acq: 16 May 2019 12:01

Instrument :

MSVOA\_F

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 262985

Ion Ratio Lower Upper

94 100

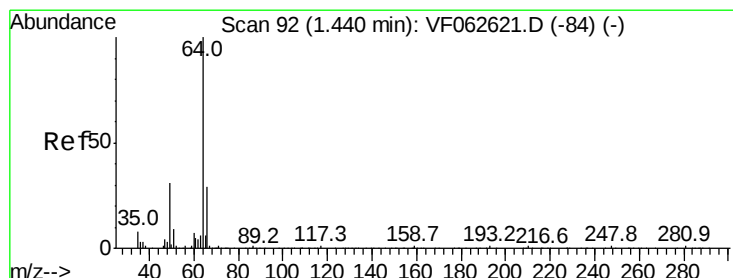
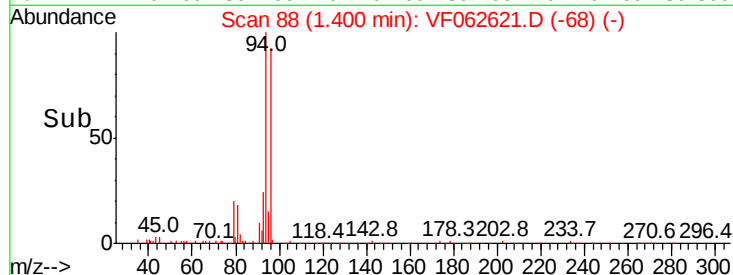
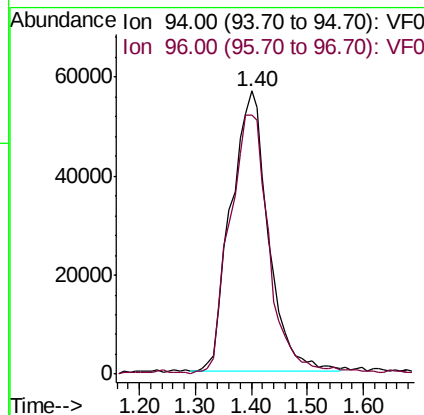
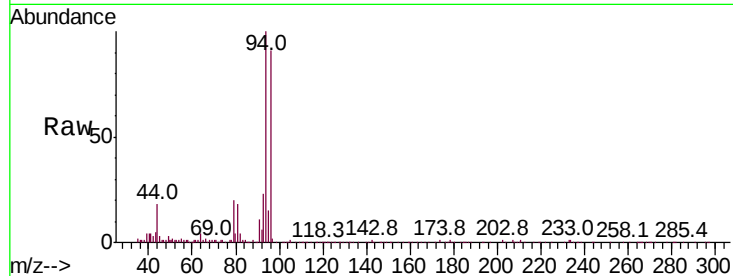
96 91.5 73.2 109.8

Manual Integrations

APPROVED

MMDadoda

5/17/2019 4:20:09 PM



#6

Chloroethane

Concen: 59.151 ug/l

RT: 1.44 min Scan# 92

Delta R.T. 0.00 min

Lab File: VF062621.D

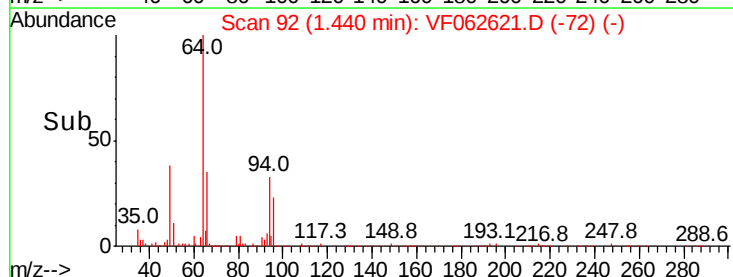
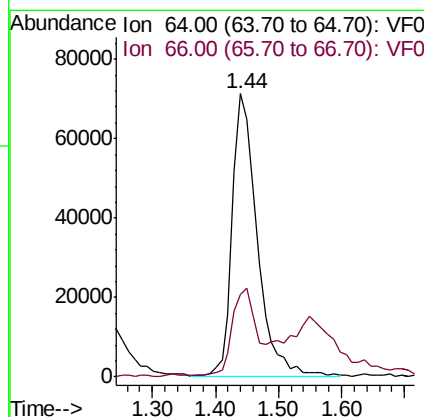
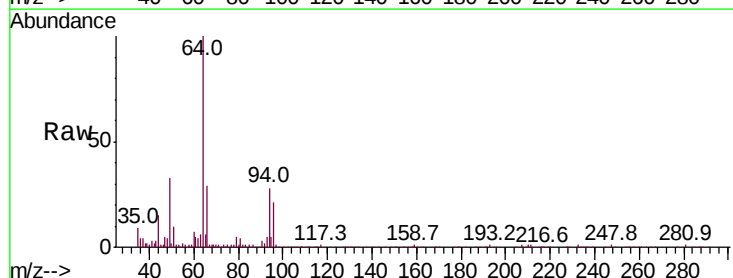
Acq: 16 May 2019 12:01

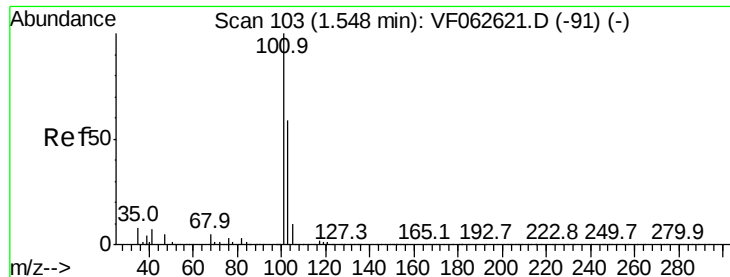
Tgt Ion: 64 Resp: 193884

Ion Ratio Lower Upper

64 100

66 29.3 23.4 35.2





#7

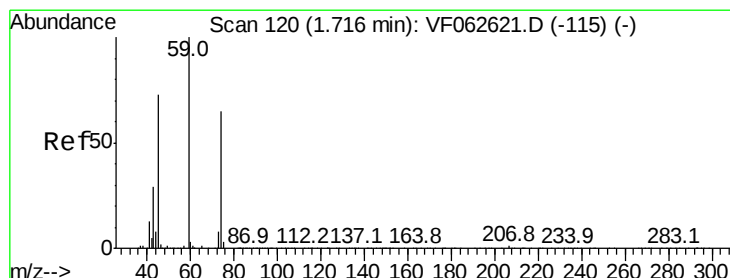
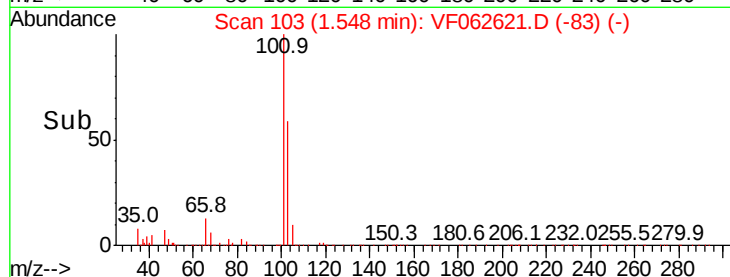
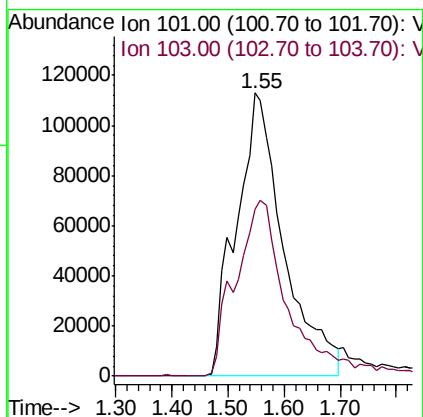
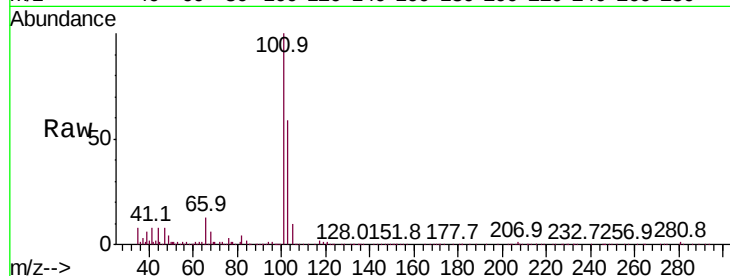
Trichlorofluoromethane  
Concen: 58.843 ug/l  
RT: 1.55 min Scan# 103  
Delta R.T. 0.00 min  
Lab File: VF062621.D  
Acq: 16 May 2019 12:01

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 59.1  | 47.3  | 70.9  |

Manual Integrations  
APPROVED

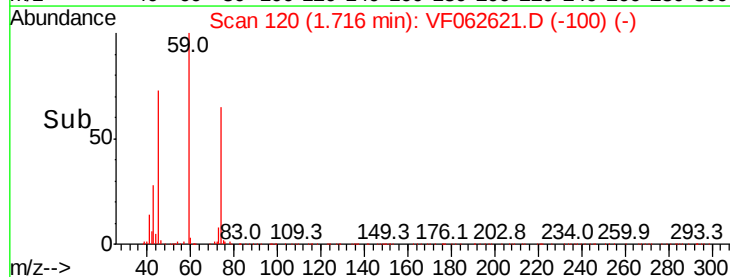
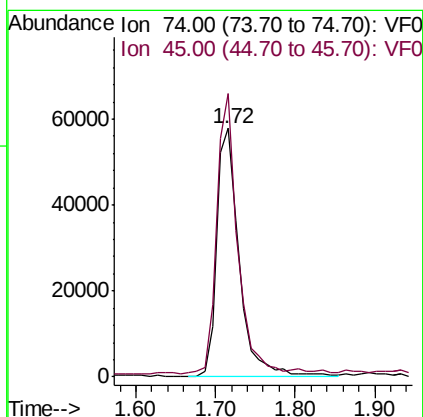
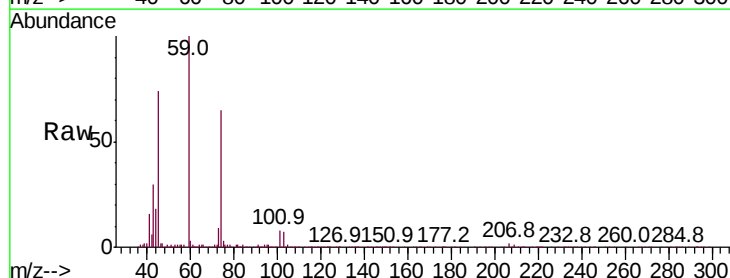
MMDadoda  
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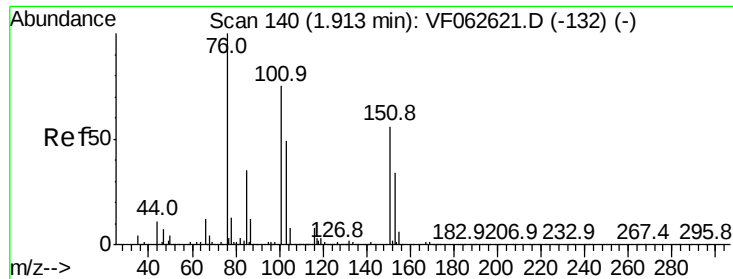


#8

Diethyl Ether  
Concen: 48.920 ug/l  
RT: 1.72 min Scan# 120  
Delta R.T. 0.00 min  
Lab File: VF062621.D  
Acq: 16 May 2019 12:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 113.9 | 57.0  | 170.8 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.342 ug/l

RT: 1.91 min Scan# 140

Delta R.T. 0.00 min

Lab File: VF062621.D

Acq: 16 May 2019 12:01

Instrument :

MSVOA\_F

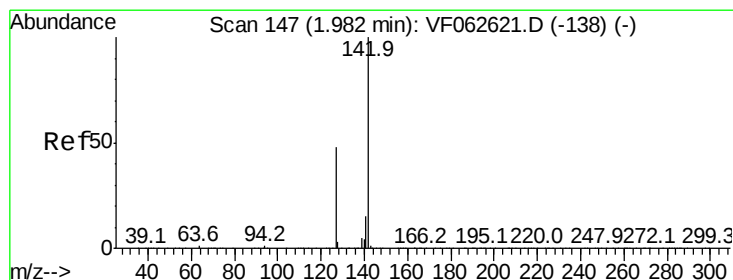
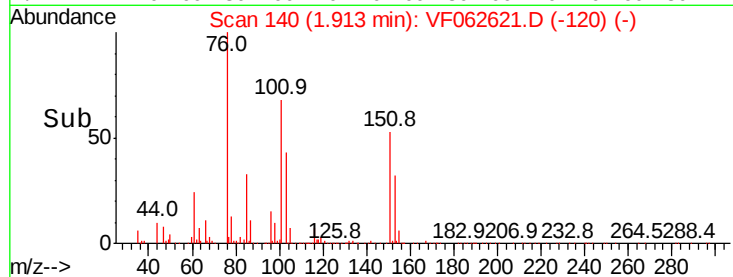
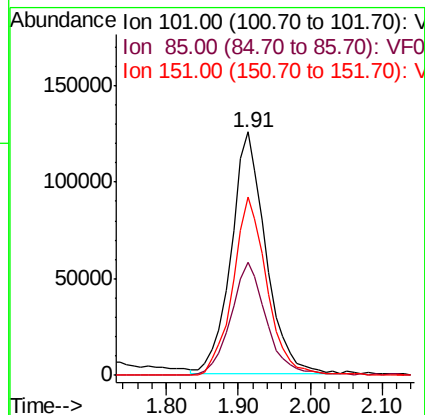
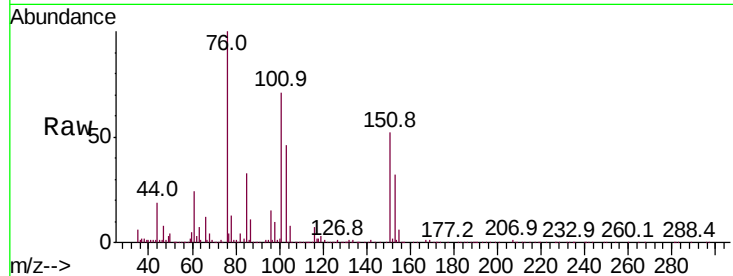
ClientSampleId :

VSTDICCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 414657 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 46.4  | 37.1  | 55.7   |
| 151       | 73.5  | 58.8  | 88.2   |

Manual Integrations  
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#10

Methyl Iodide

Concen: 54.249 ug/l

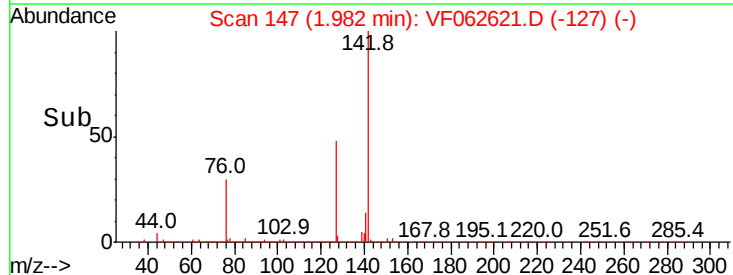
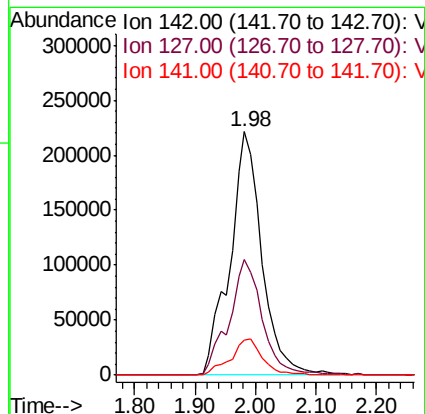
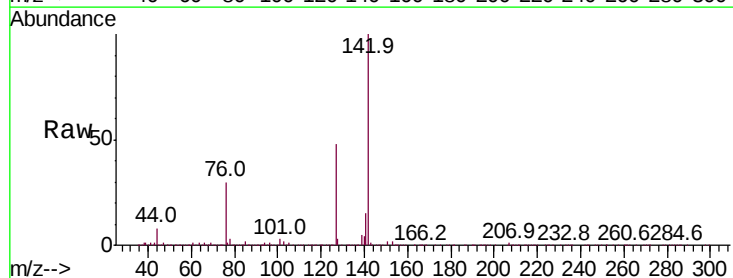
RT: 1.98 min Scan# 147

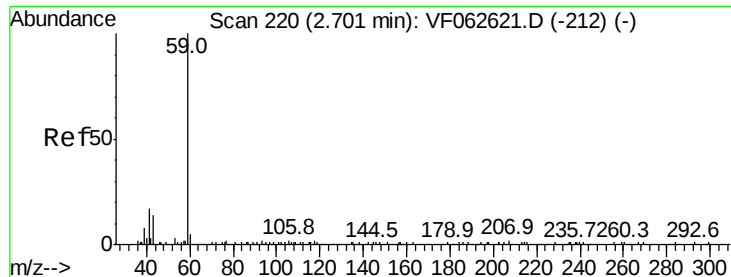
Delta R.T. 0.00 min

Lab File: VF062621.D

Acq: 16 May 2019 12:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 813163 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 47.6  | 38.1  | 57.1   |
| 141       | 14.6  | 11.7  | 17.5   |





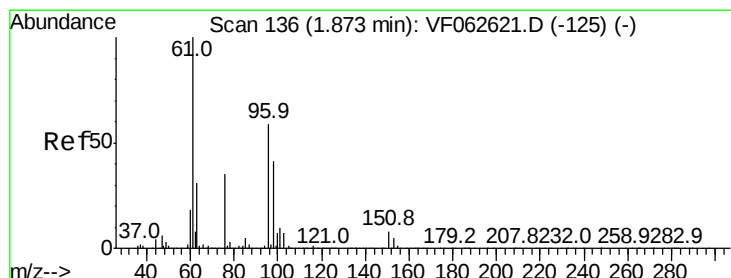
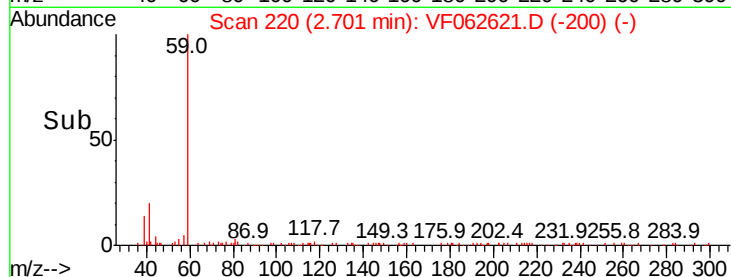
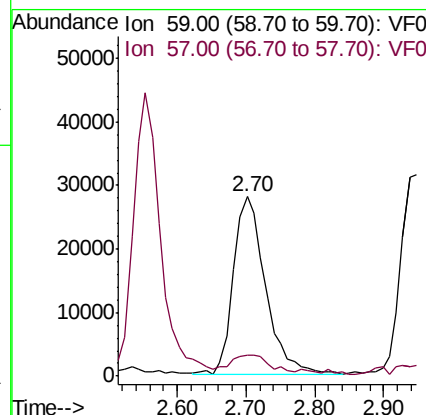
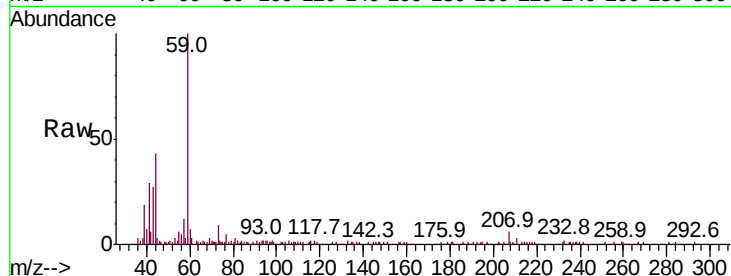
#11  
Tert butyl alcohol  
Concen: 253.180 ug/l  
RT: 2.70 min Scan# 220  
Delta R.T. 0.00 min  
Lab File: VF062621.D  
Acq: 16 May 2019 12:01

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDICCC050

| Tot Ion   | 59   | Resp  | 91396 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 57        | 11.6 | 9.3   | 13.9  |

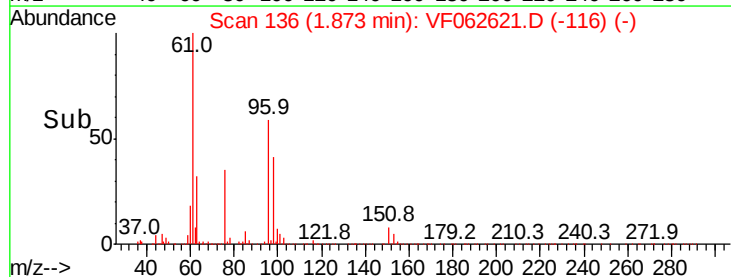
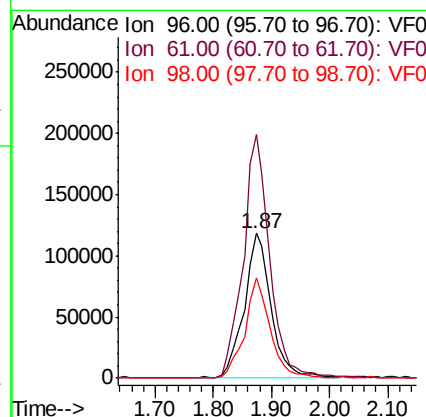
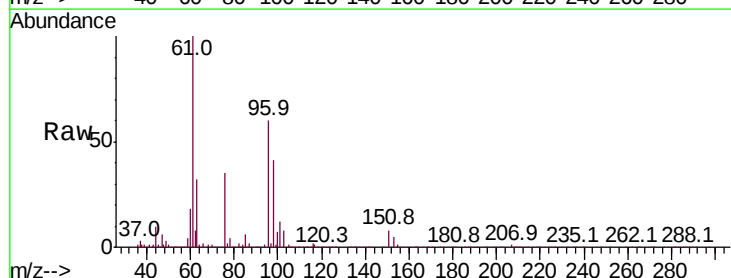
Manual Integrations  
APPROVED

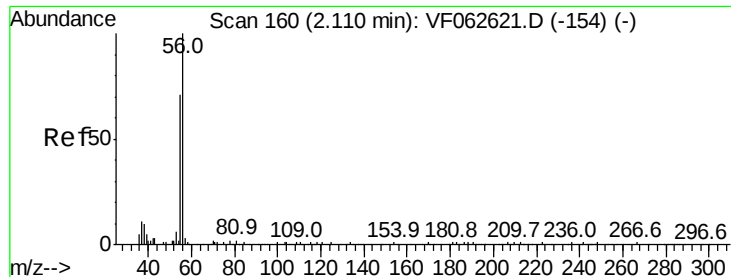
MMDadoda  
5/17/2019 4:20:09 PM



#12  
1,1-Dichloroethene  
Concen: 54.290 ug/l  
RT: 1.87 min Scan# 136  
Delta R.T. 0.00 min  
Lab File: VF062621.D  
Acq: 16 May 2019 12:01

| Tgt Ion   | 96    | Resp  | 377367 |
|-----------|-------|-------|--------|
| Ion Ratio | 100   | Lower | Upper  |
| 61        | 167.9 | 134.3 | 201.5  |
| 98        | 68.8  | 55.0  | 82.6   |





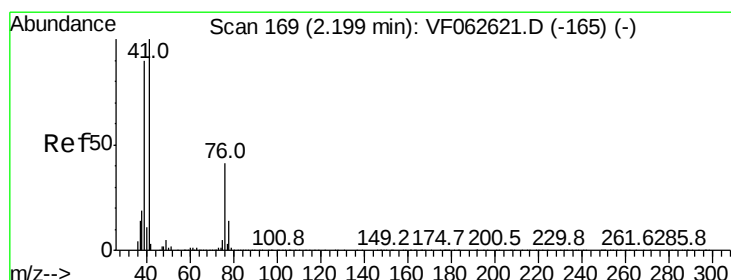
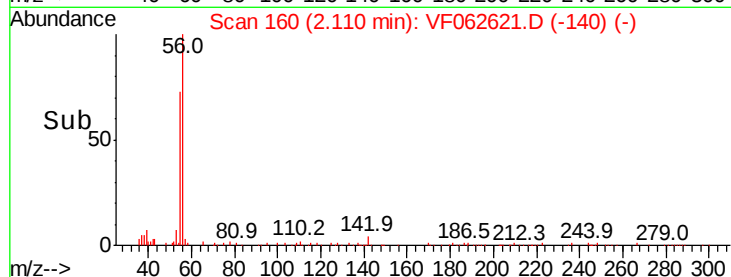
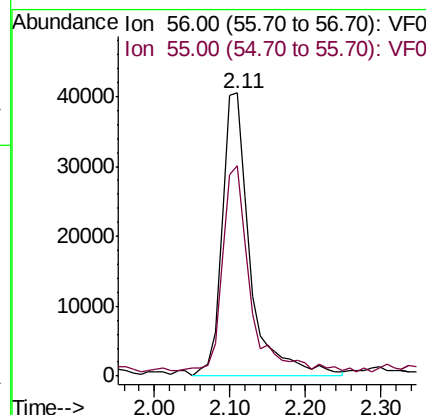
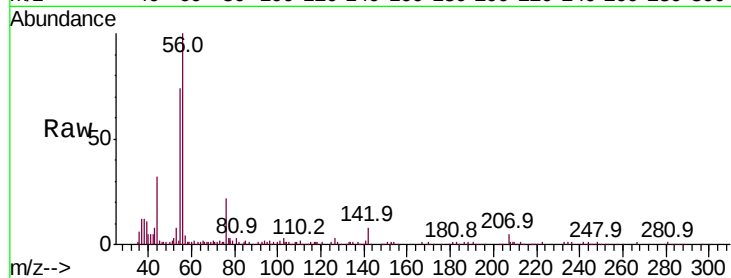
#13  
Acrolein  
Concen: 278.918 ug/l  
RT: 2.11 min Scan# 160  
Delta R.T. 0.00 min  
Lab File: VF062621.D  
Acq: 16 May 2019 12:01

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 55      | 74.2  | 59.4  | 89.0  |

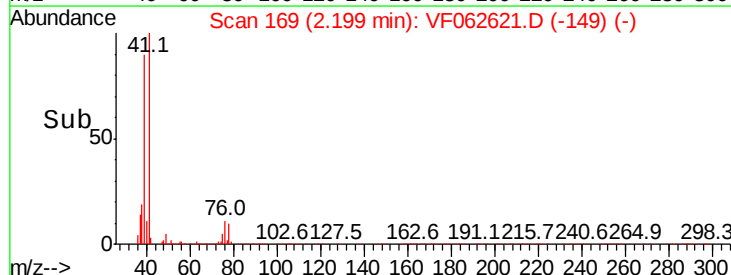
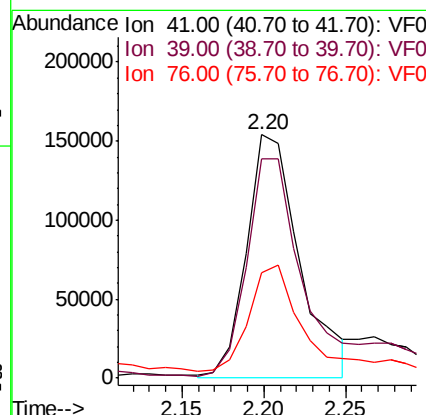
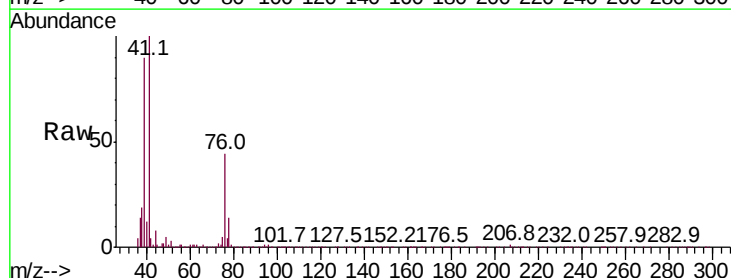
Manual Integrations  
APPROVED

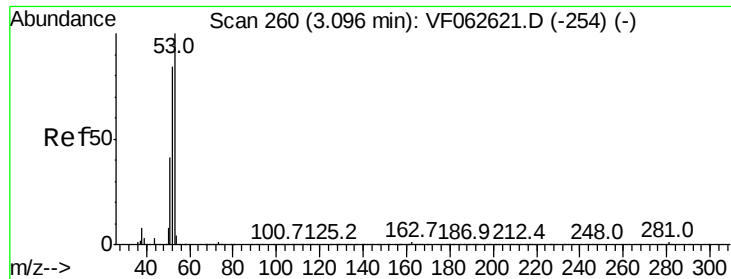
MMDadoda  
5/17/2019 4:20:09 PM



#14  
Allyl chloride  
Concen: 51.552 ug/l m  
RT: 2.20 min Scan# 169  
Delta R.T. 0.00 min  
Lab File: VF062621.D  
Acq: 16 May 2019 12:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 90.0  | 72.0  | 108.0 |
| 76      | 43.5  | 34.8  | 52.2  |





#15

Acrylonitrile

Concen: 240.997 ug/l

RT: 3.10 min Scan# 260

Delta R.T. 0.00 min

Lab File: VF062621.D

Acq: 16 May 2019 12:01

Instrument :

MSVOA\_F

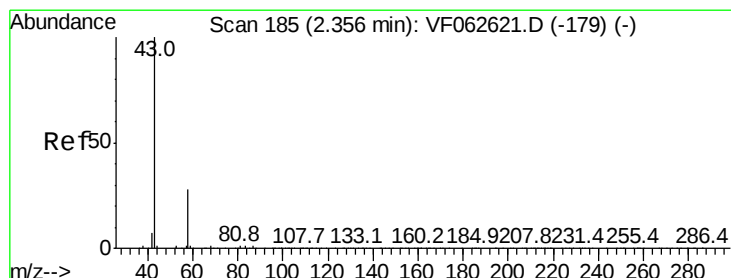
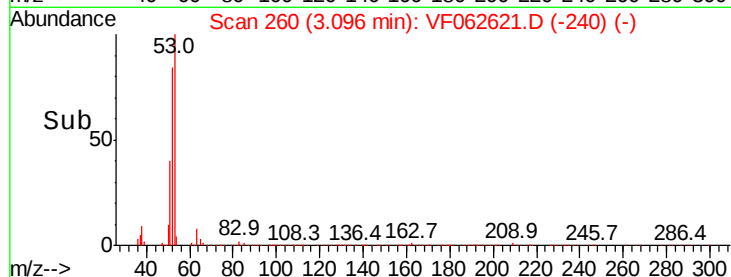
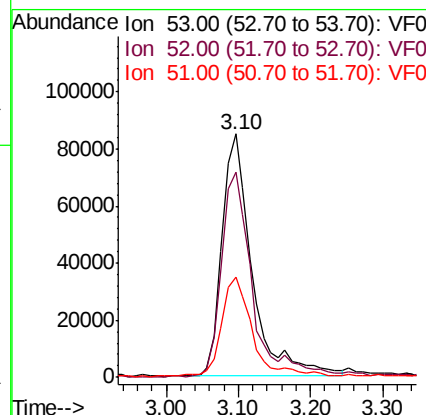
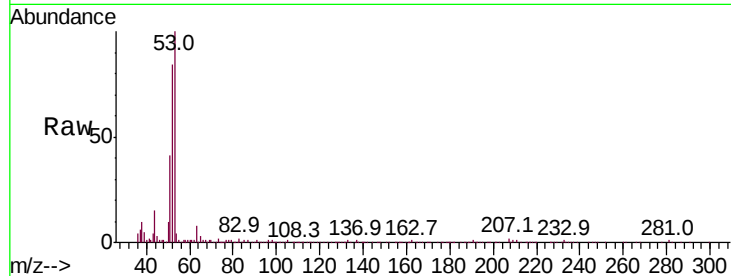
ClientSampleId :

VSTDICCC050

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 53   | Resp: | 245406 |
| Ion Ratio |      | Lower | Upper  |
| 53        | 100  |       |        |
| 52        | 84.1 | 67.3  | 100.9  |
| 51        | 41.3 | 33.0  | 49.6   |

Manual Integrations  
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MMDadoda  
5/17/2019 4:20:09 PM



#16

Acetone

Concen: 279.145 ug/l

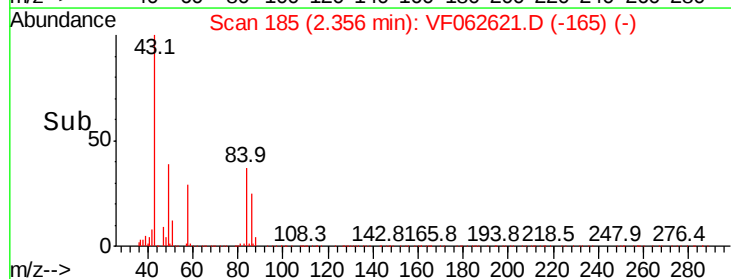
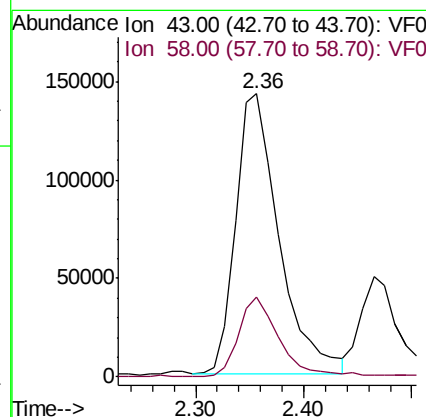
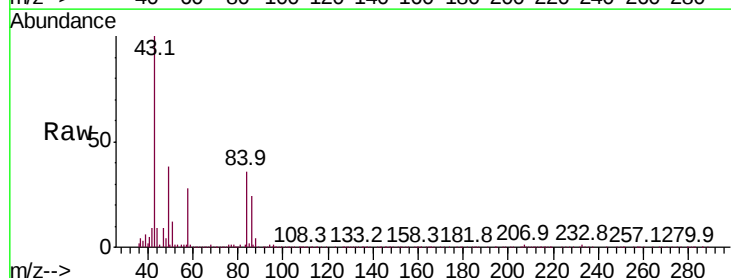
RT: 2.36 min Scan# 185

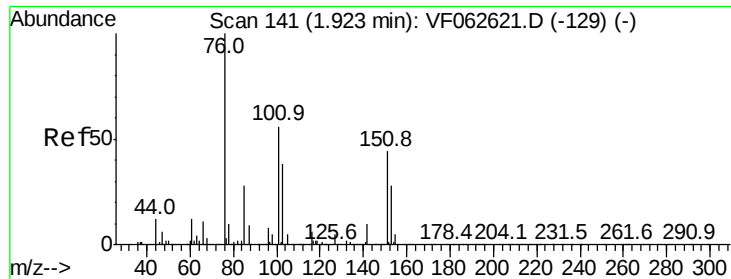
Delta R.T. 0.00 min

Lab File: VF062621.D

Acq: 16 May 2019 12:01

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 43   | Resp: | 395977 |
| Ion Ratio |      | Lower | Upper  |
| 43        | 100  |       |        |
| 58        | 28.2 | 22.6  | 33.8   |





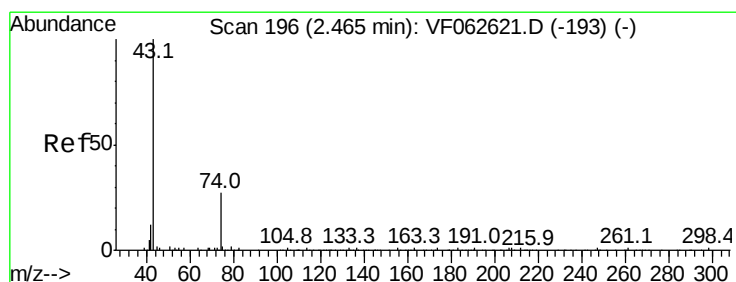
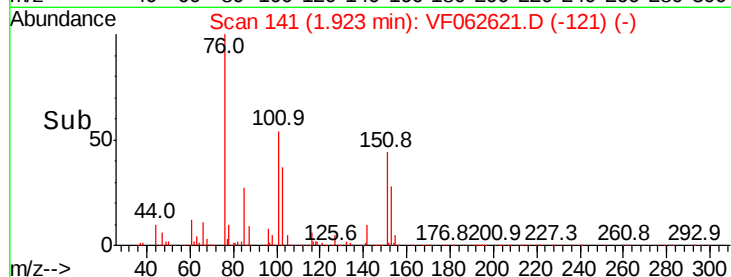
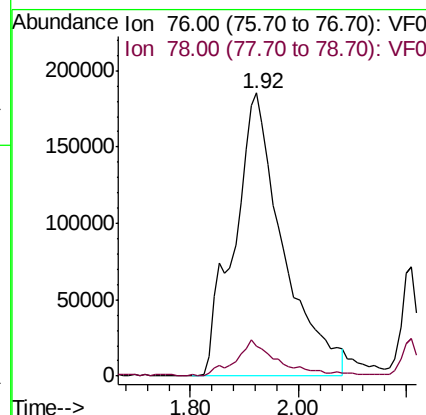
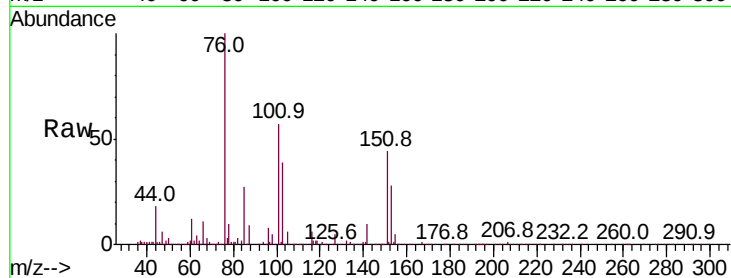
#17  
Carbon Disulfide  
Concen: 58.557 ug/l  
RT: 1.92 min Scan# 141  
Delta R.T. 0.00 min  
Lab File: VF062621.D  
Acq: 16 May 2019 12:01

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDICCC050

Tot Ion: 76 Resp: 1159780  
Ion Ratio Lower Upper  
76 100  
78 10.5 8.4 12.6

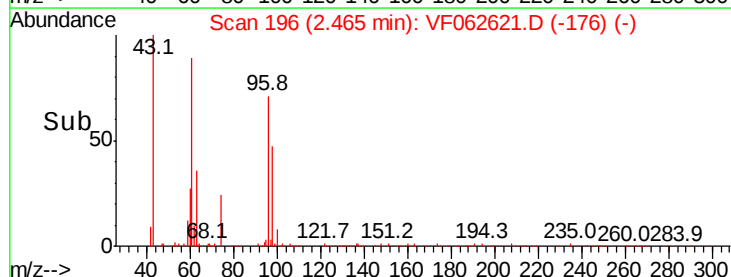
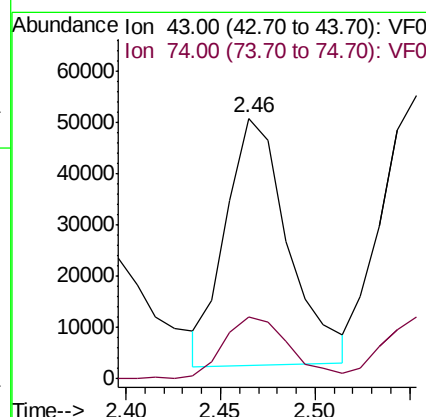
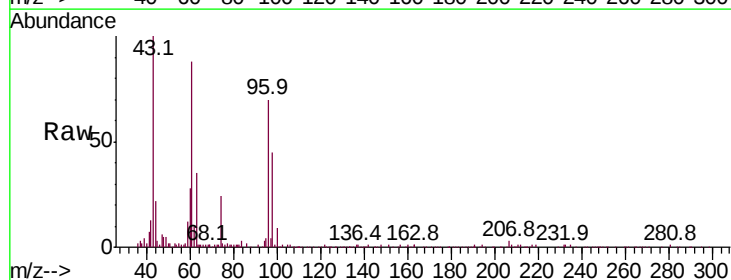
Manual Integrations  
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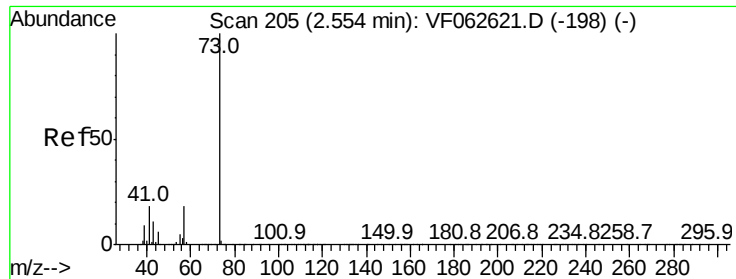
MMDadoda  
5/17/2019 4:20:09 PM



#18  
Methyl Acetate  
Concen: 45.754 ug/l  
RT: 2.46 min Scan# 196  
Delta R.T. 0.00 min  
Lab File: VF062621.D  
Acq: 16 May 2019 12:01

Tgt Ion: 43 Resp: 110918  
Ion Ratio Lower Upper  
43 100  
74 23.6 18.9 28.3





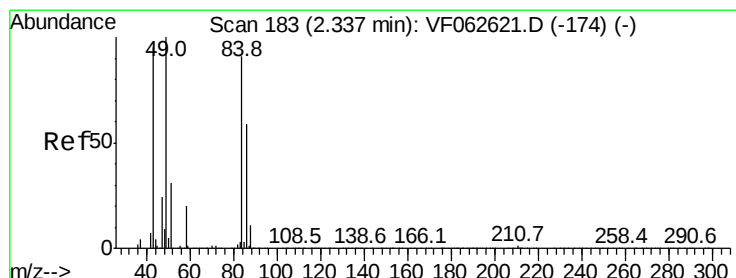
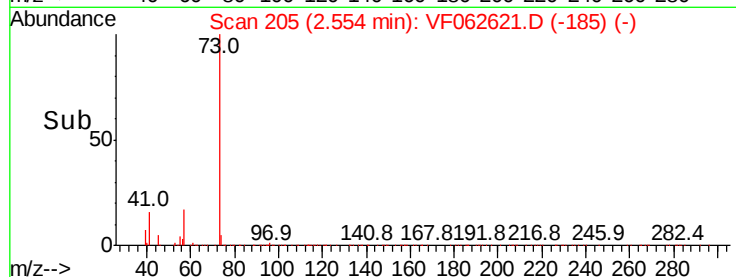
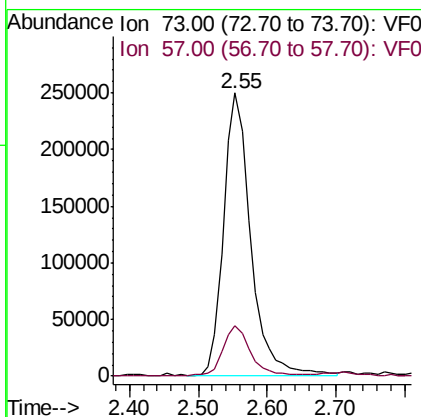
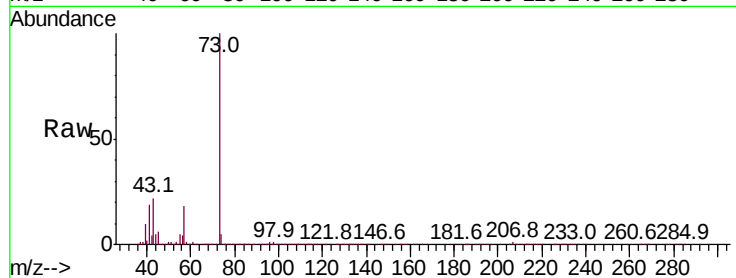
#19  
Methvl tert-butvl Ether  
Concen: 54.408 ug/l  
RT: 2.55 min Scan# 205  
Delta R.T. 0.00 min  
Lab File: VF062621.D  
Acq: 16 May 2019 12:01

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 17.8  | 14.2  | 21.4  |

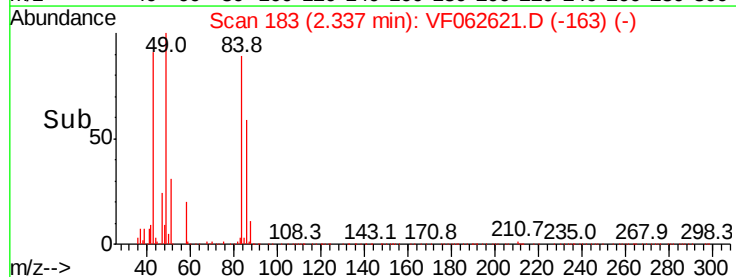
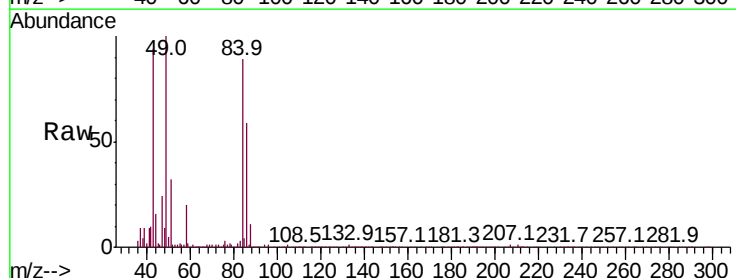
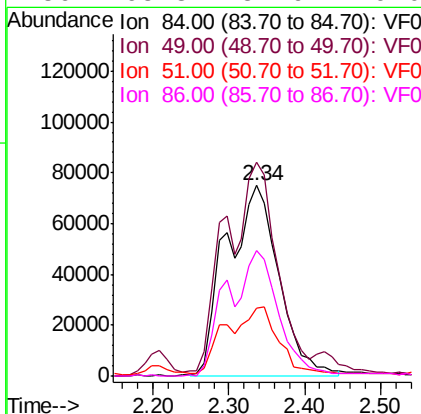
Manual Integrations  
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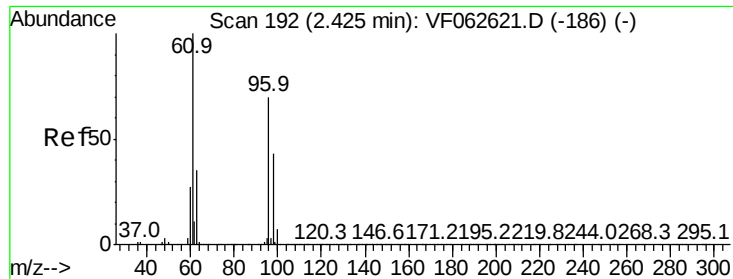
MMDadoda  
5/17/2019 4:20:09 PM



#20  
Methylene Chloride  
Concen: 50.805 ug/l m  
RT: 2.34 min Scan# 183  
Delta R.T. 0.00 min  
Lab File: VF062621.D  
Acq: 16 May 2019 12:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 112.3 | 89.8  | 134.8 |
| 51      | 35.5  | 28.4  | 42.6  |
| 86      | 65.8  | 52.6  | 79.0  |





#21

trans-1,2-Dichloroethene

Concen: 54.078 ug/l

RT: 2.43 min Scan# 192

Delta R.T. 0.00 min

Lab File: VF062621.D

Acq: 16 May 2019 12:01

Instrument :

MSVOA\_F

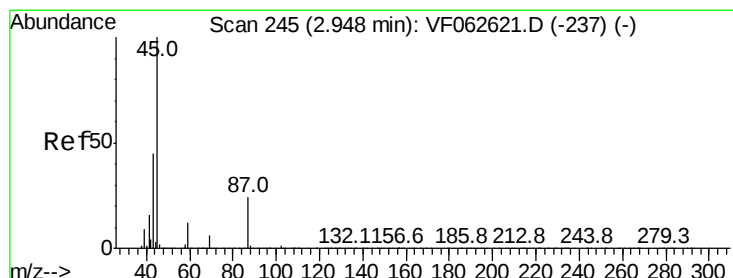
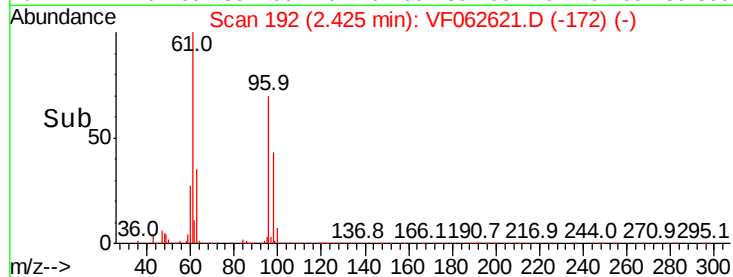
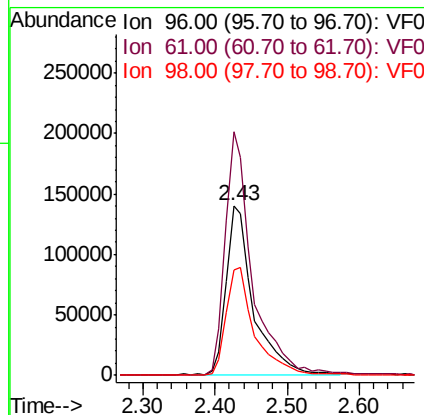
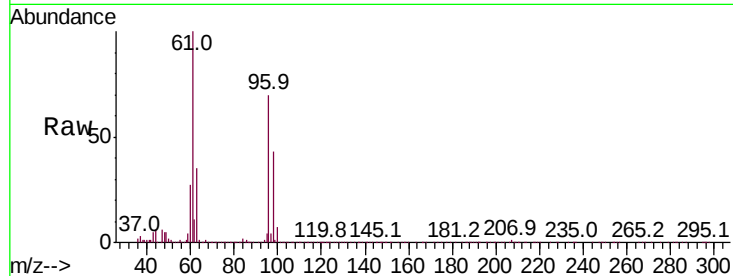
ClientSampleId :

VSTDICCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 367407 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 143.2 | 114.6 | 171.8  |
| 98       | 61.9  | 49.5  | 74.3   |

Manual Integrations  
APPROVED

MMDadoda  
5/17/2019 4:20:09 PM



#22

Diisopropyl ether

Concen: 51.375 ug/l

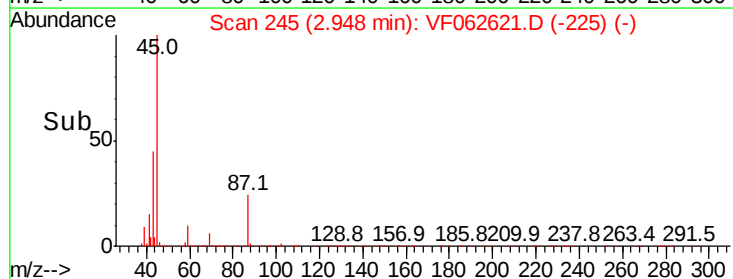
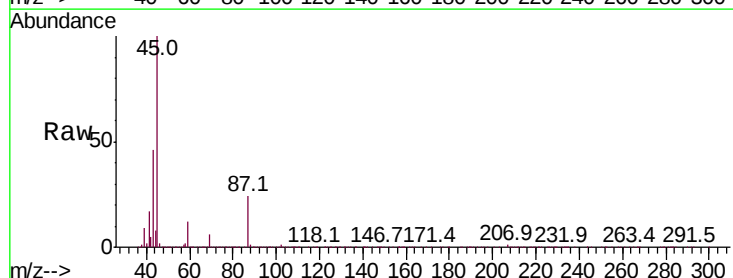
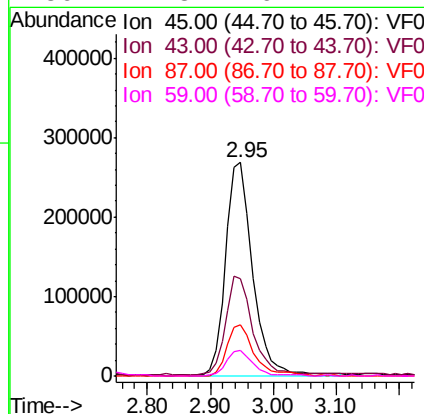
RT: 2.95 min Scan# 245

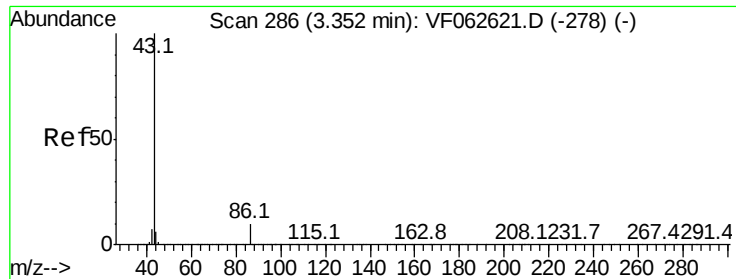
Delta R.T. 0.00 min

Lab File: VF062621.D

Acq: 16 May 2019 12:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 797136 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 45.5  | 36.4  | 54.6   |
| 87       | 24.1  | 19.3  | 28.9   |
| 59       | 11.8  | 9.4   | 14.2   |





#23

Vinyl Acetate

Concen: 264.973 ug/l

RT: 3.35 min Scan# 286

Delta R.T. 0.00 min

Lab File: VF062621.D

Acq: 16 May 2019 12:01

Instrument :

MSVOA\_F

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 2773407

Ion Ratio Lower Upper

43 100

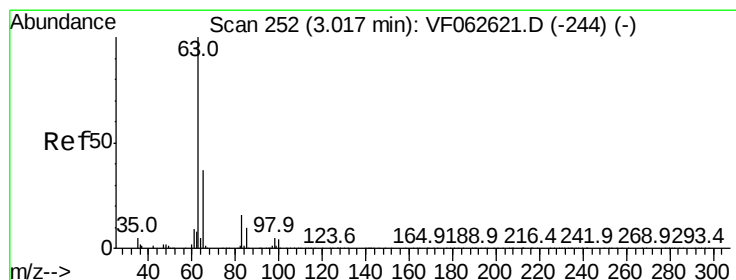
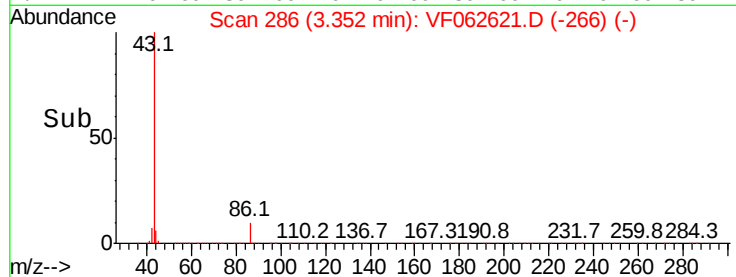
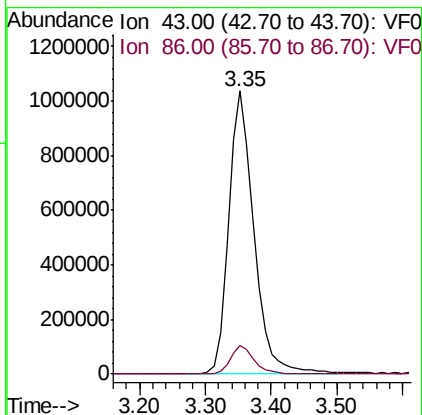
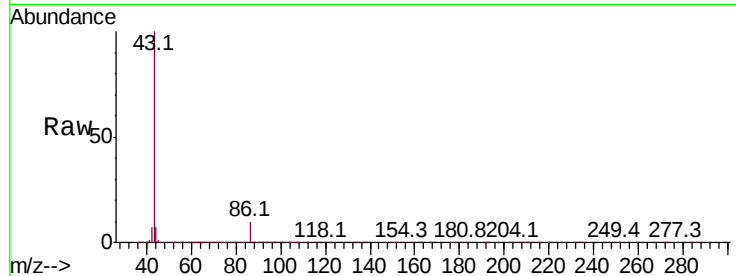
86 10.2 8.2 12.2

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 53.549 ug/l

RT: 3.02 min Scan# 252

Delta R.T. 0.00 min

Lab File: VF062621.D

Acq: 16 May 2019 12:01

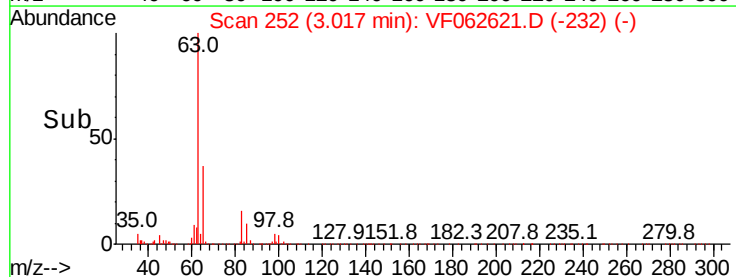
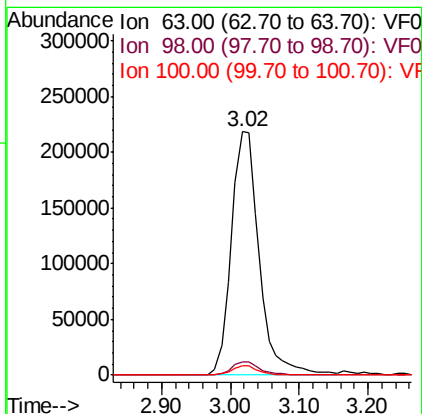
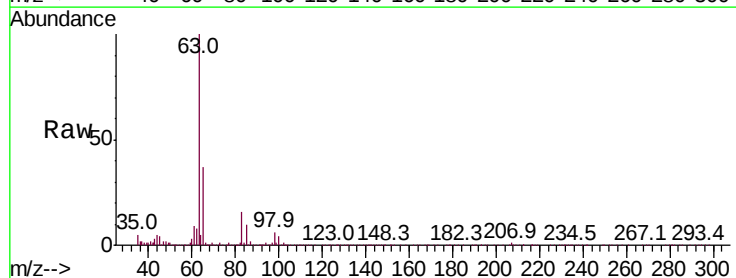
Tgt Ion: 63 Resp: 609523

Ion Ratio Lower Upper

63 100

98 5.5 2.8 8.3

100 3.8 1.9 5.7





#25

2-Butanone

Concen: 274.260 ug/l

RT: 4.53 min Scan# 406

Delta R.T. 0.00 min

Lab File: VF062621.D

Acq: 16 May 2019 12:01

Instrument :

MSVOA\_F

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 831197

Ion Ratio Lower Upper

43 100

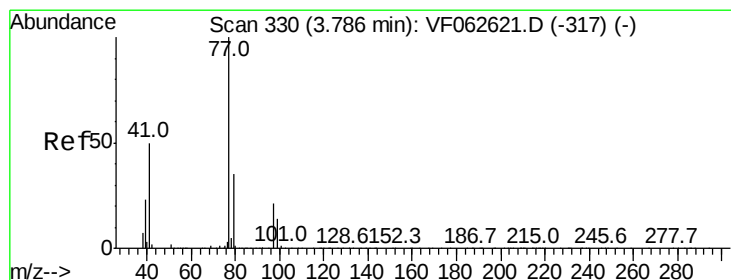
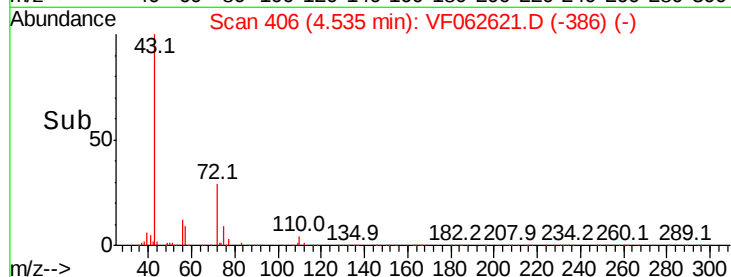
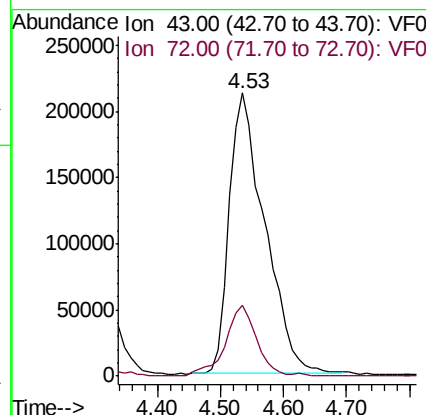
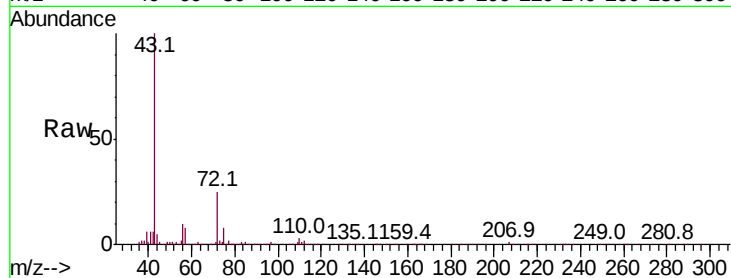
72 25.1 20.1 30.1

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 53.918 ug/l

RT: 3.79 min Scan# 330

Delta R.T. 0.00 min

Lab File: VF062621.D

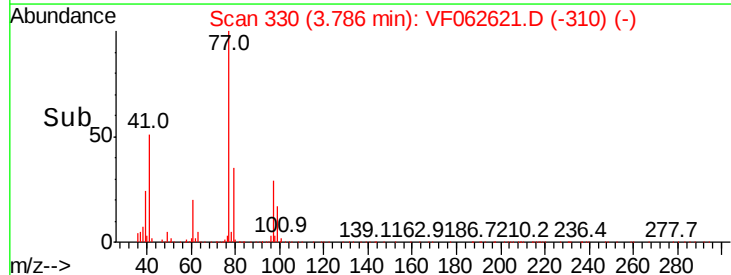
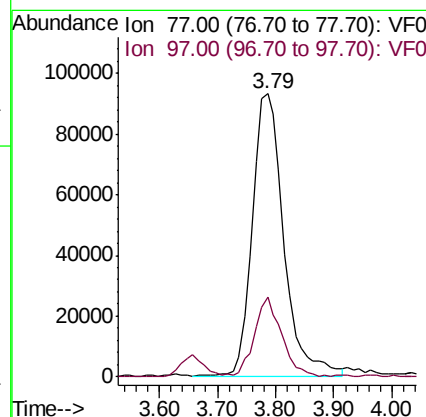
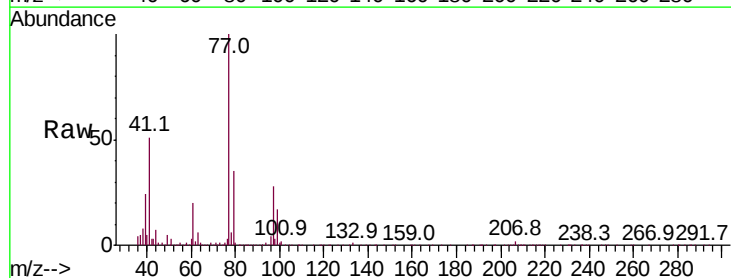
Acq: 16 May 2019 12:01

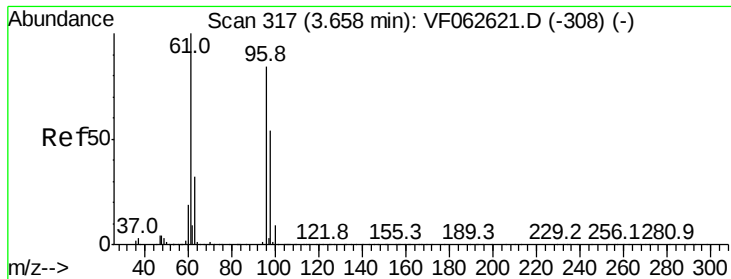
Tgt Ion: 77 Resp: 351152

Ion Ratio Lower Upper

77 100

97 28.3 14.1 42.4





#27

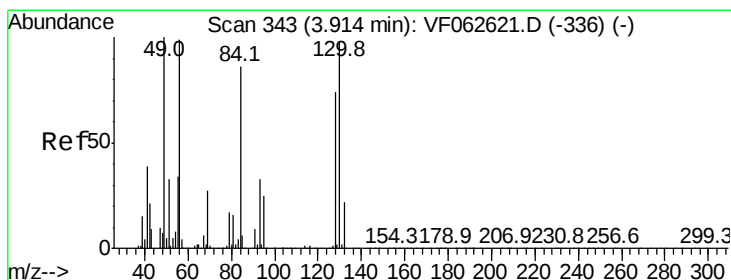
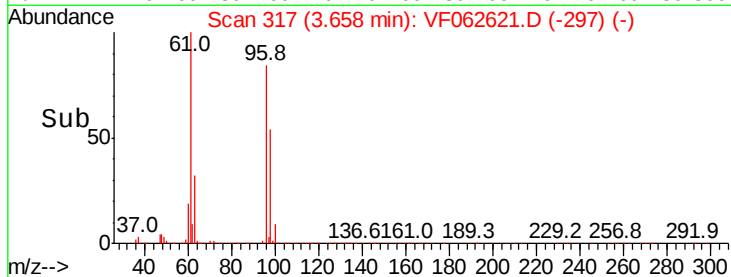
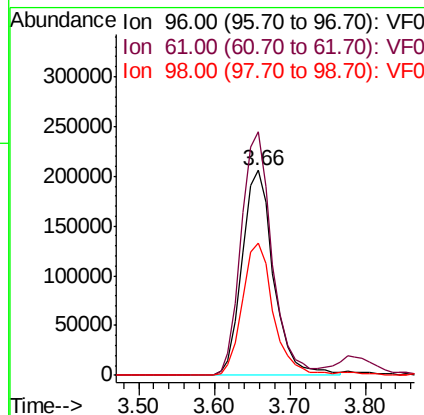
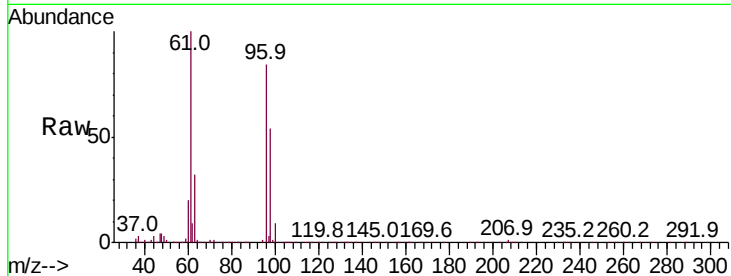
cis-1,2-Dichloroethene  
Concen: 52.769 ug/l  
RT: 3.66 min Scan# 317  
Delta R.T. 0.00 min  
Lab File: VF062621.D  
Acq: 16 May 2019 12:01

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 589719 |       |       |
| 61      | 118.7 |        | 0.0   | 237.4 |
| 98      | 64.5  |        | 0.0   | 129.0 |

Manual Integrations  
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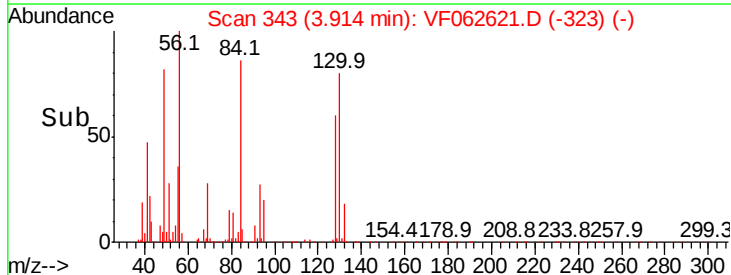
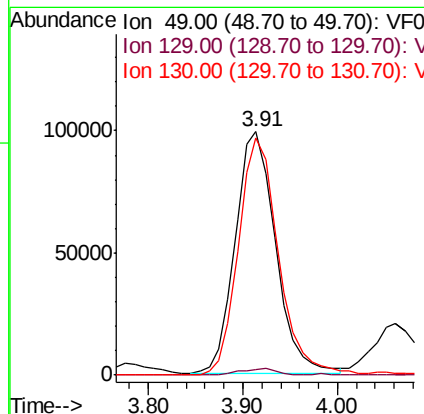
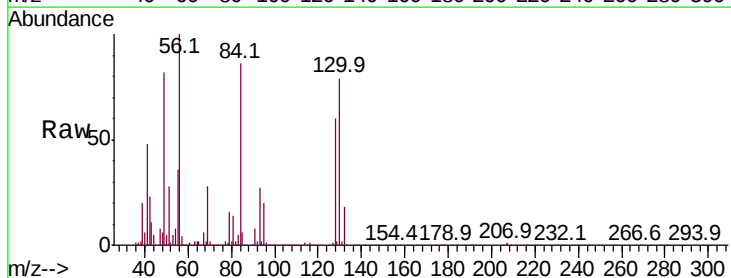
MMDadoda  
5/17/2019 4:20:09 PM

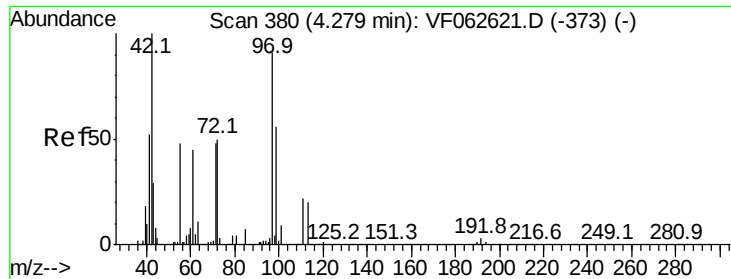


#28

Bromochloromethane  
Concen: 46.155 ug/l  
RT: 3.91 min Scan# 343  
Delta R.T. 0.00 min  
Lab File: VF062621.D  
Acq: 16 May 2019 12:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 49      | 100   | 294646 |       |       |
| 129     | 2.0   |        | 0.0   | 4.0   |
| 130     | 97.3  |        | 77.8  | 116.8 |





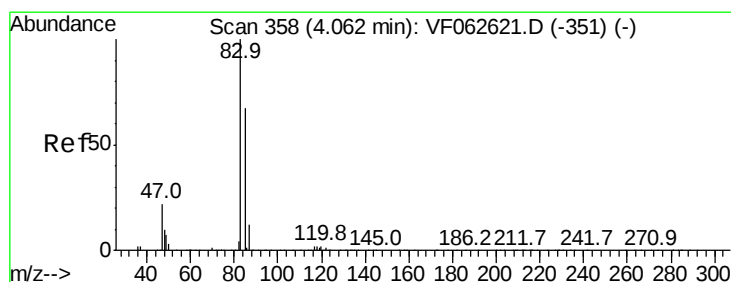
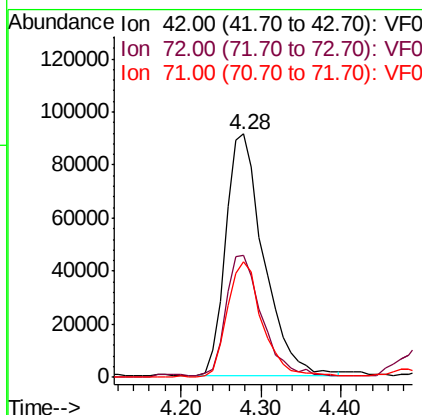
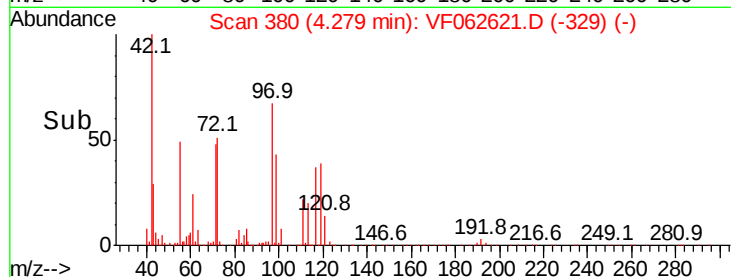
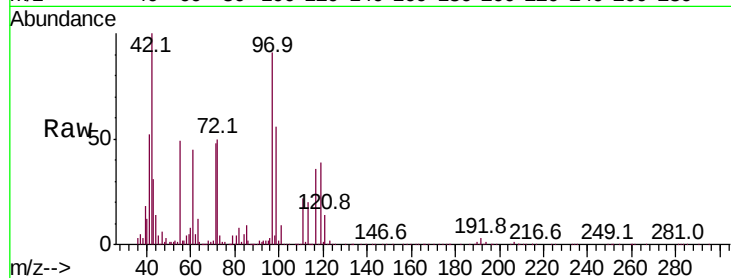
#29  
Tetrahydrofuran  
Concen: 249.285 ug/l  
RT: 4.28 min Scan# 380  
Delta R.T. 0.00 min  
Lab File: VF062621.D  
Acq: 16 May 2019 12:01

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 47.7  | 38.2  | 57.2  |
| 71      | 44.7  | 35.8  | 53.6  |

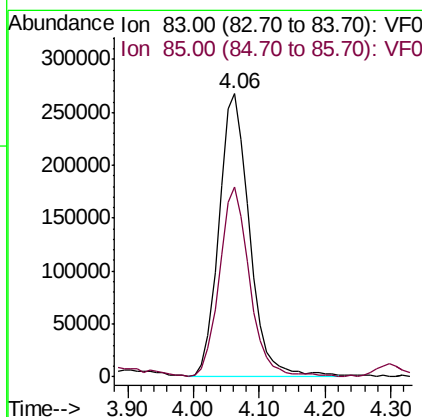
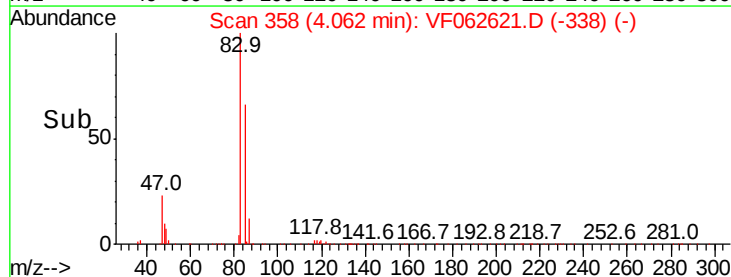
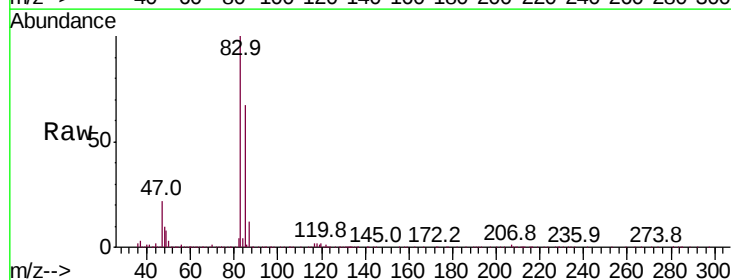
Manual Integrations  
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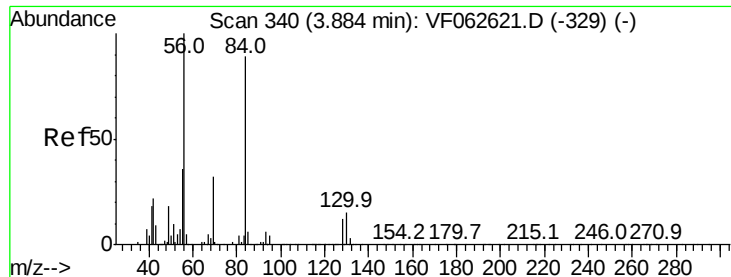
MMDadoda  
5/17/2019 4:20:09 PM



#30  
Chloroform  
Concen: 54.031 ug/l  
RT: 4.06 min Scan# 358  
Delta R.T. 0.00 min  
Lab File: VF062621.D  
Acq: 16 May 2019 12:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 67.0  | 53.6  | 80.4  |





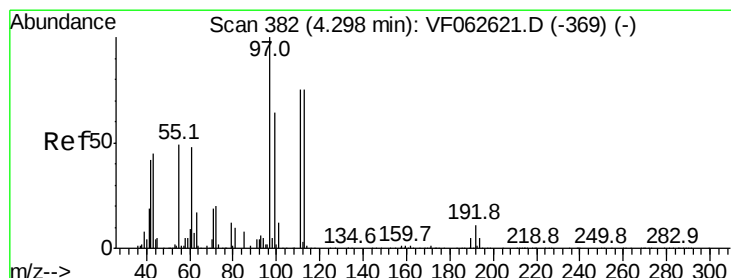
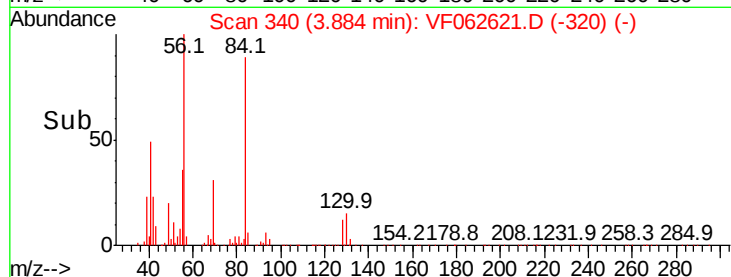
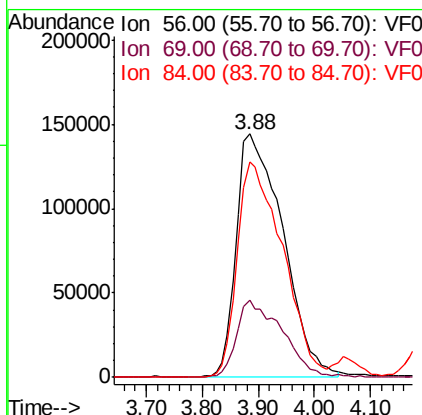
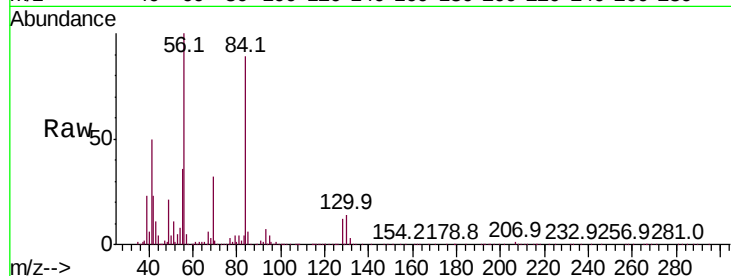
#31  
Cyclohexane  
Concen: 58.387 ug/l  
RT: 3.88 min Scan# 340  
Delta R.T. 0.00 min  
Lab File: VF062621.D  
Acq: 16 May 2019 12:01

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 31.6  | 25.3  | 37.9  |
| 84      | 88.7  | 71.0  | 106.4 |

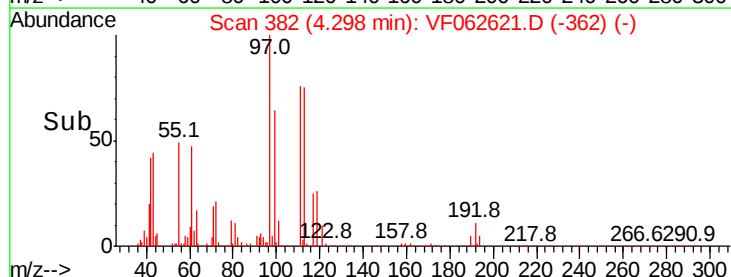
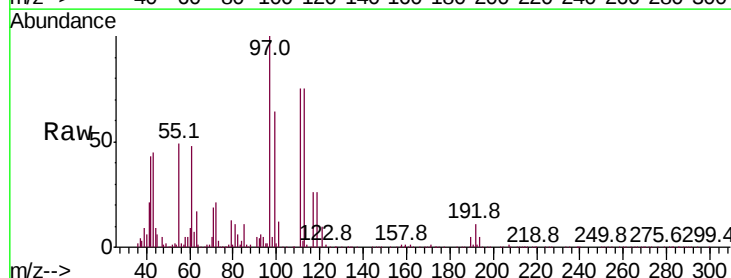
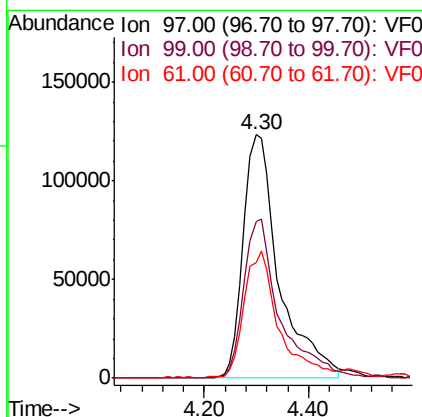
Manual Integrations  
APPROVED

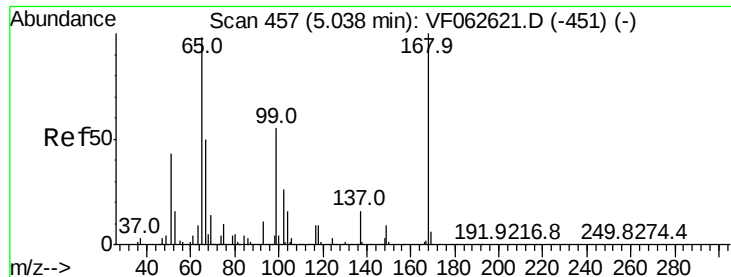
MMDadoda  
5/17/2019 4:20:09 PM



#32  
1,1,1-Trichloroethane  
Concen: 55.103 ug/l  
RT: 4.30 min Scan# 382  
Delta R.T. 0.00 min  
Lab File: VF062621.D  
Acq: 16 May 2019 12:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.1  | 51.3  | 76.9  |
| 61      | 47.7  | 38.2  | 57.2  |





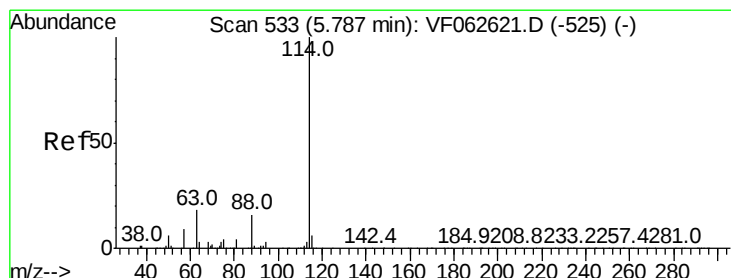
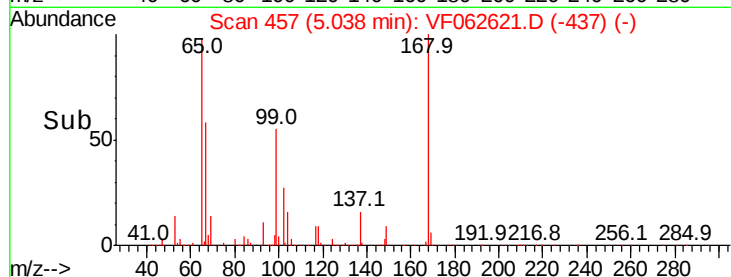
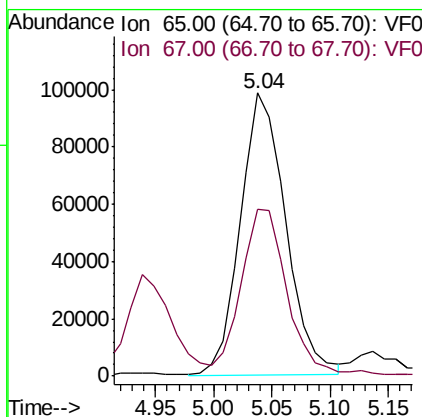
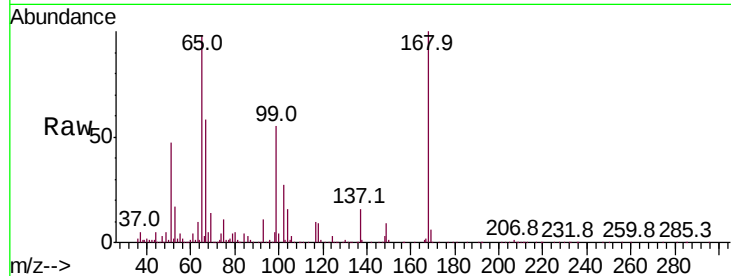
#33  
 1,2-Dichloroethane-d4  
 Concen: 48.763 ug/l  
 RT: 5.04 min Scan# 457  
 Delta R.T. 0.00 min  
 Lab File: VF062621.D  
 Acq: 16 May 2019 12:01

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 266631 |       |       |
| 67      | 58.8  | 0.0    | 117.6 |       |

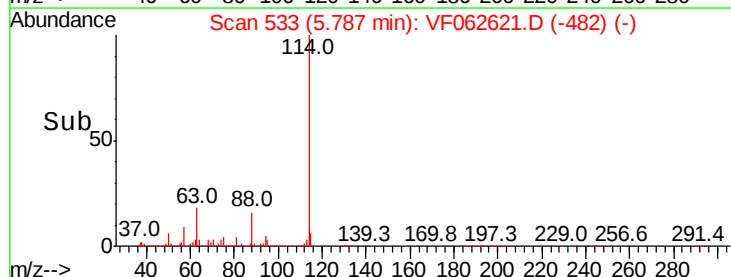
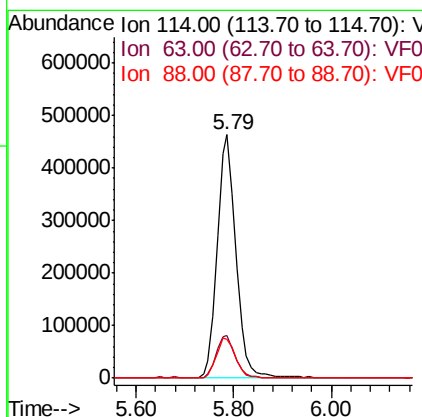
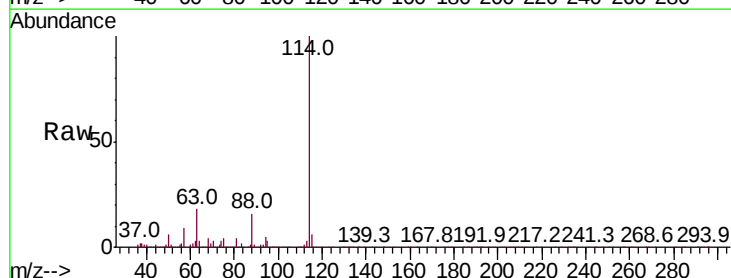
Manual Integrations  
 APPROVED

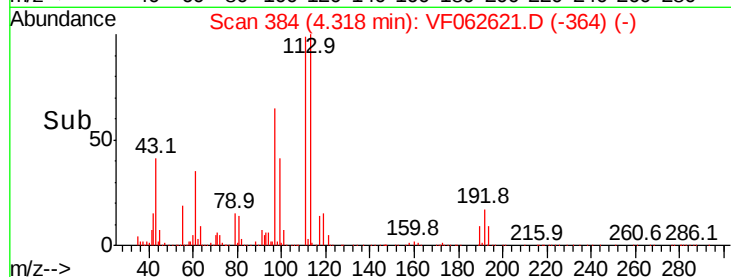
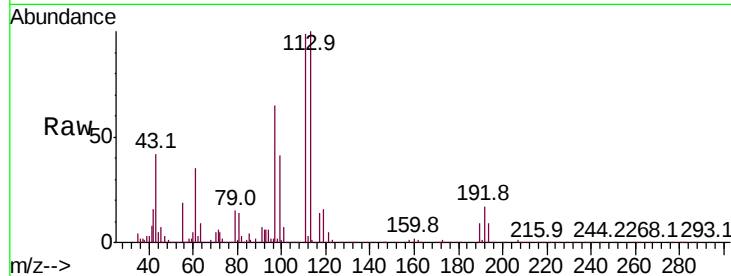
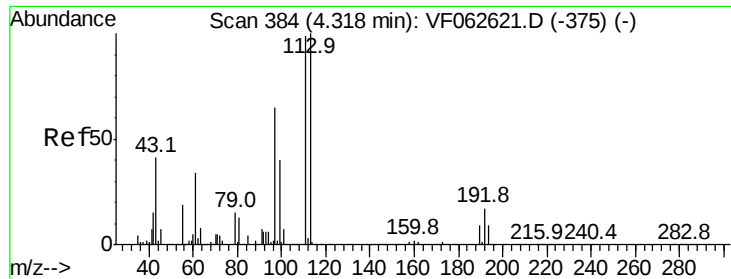
MMDadoda  
 5/17/2019 4:20:09 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.79 min Scan# 533  
 Delta R.T. 0.00 min  
 Lab File: VF062621.D  
 Acq: 16 May 2019 12:01

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 114     | 100   | 1241783 |       |       |
| 63      | 17.7  | 0.0     | 35.4  |       |
| 88      | 16.2  | 0.0     | 32.4  |       |





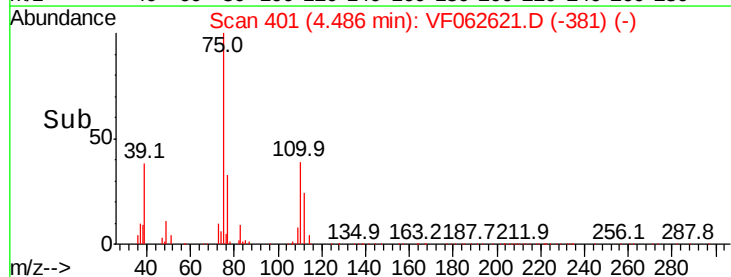
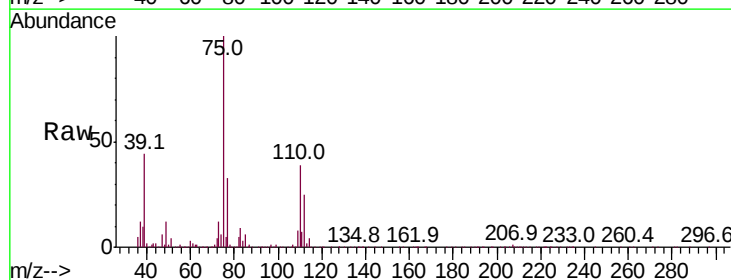
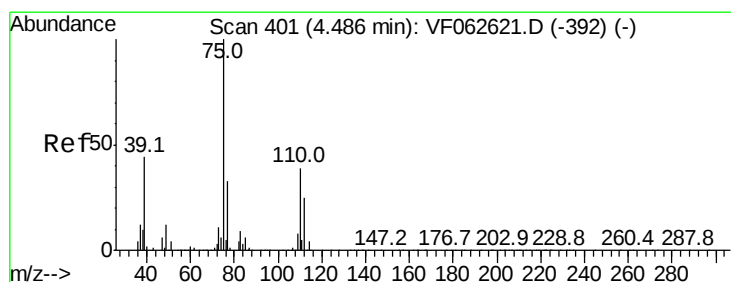
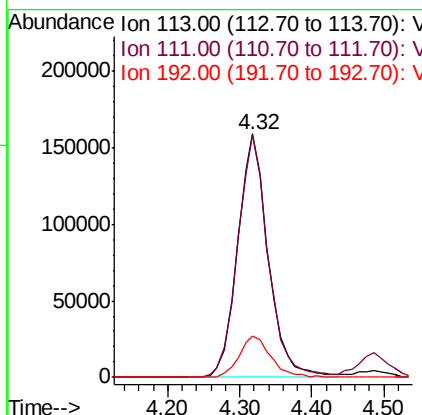
#35  
Dibromofluoromethane  
Concen: 49.538 ug/l  
RT: 4.32 min Scan# 384  
Delta R.T. 0.00 min  
Lab File: VF062621.D  
Acq: 16 May 2019 12:01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 99.3  | 79.4  | 119.2 |
| 192     | 16.8  | 13.4  | 20.2  |

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDICCC050

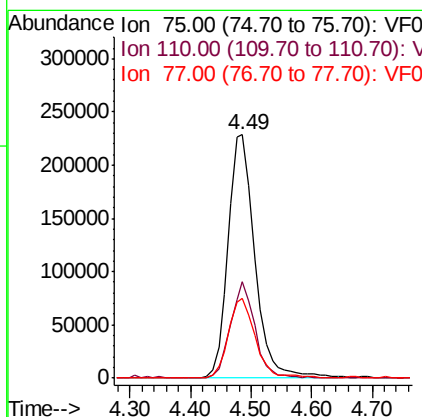
Manual Integrations  
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#36  
1,1-Dichloropropene  
Concen: 55.115 ug/l  
RT: 4.49 min Scan# 401  
Delta R.T. 0.00 min  
Lab File: VF062621.D  
Acq: 16 May 2019 12:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 39.4  | 19.7  | 59.1  |
| 77      | 32.9  | 26.3  | 39.5  |





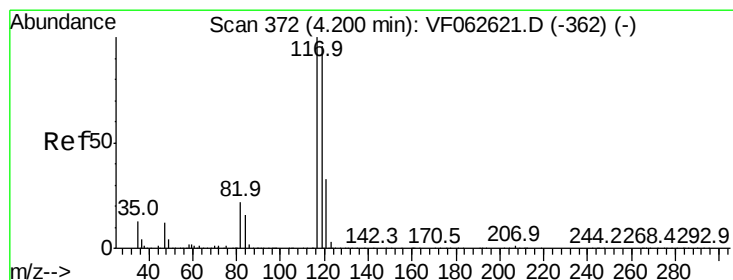
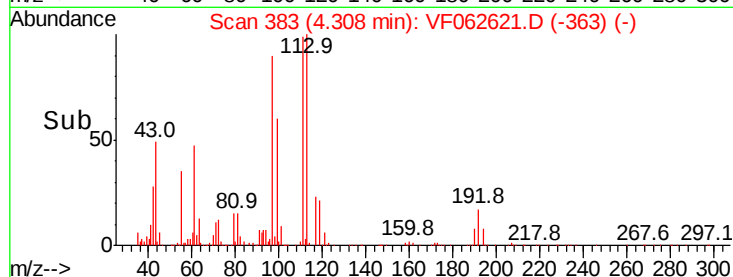
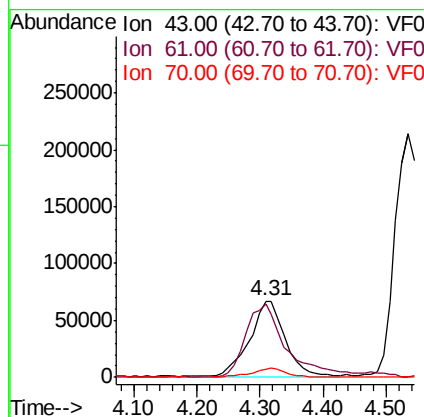
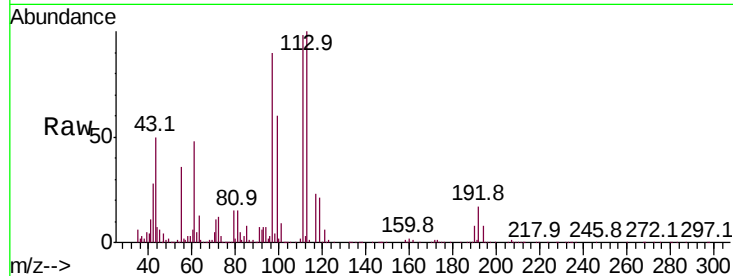
#37  
Ethyl Acetate  
Concen: 49.578 ug/l  
RT: 4.31 min Scan# 383  
Delta R.T. 0.00 min  
Lab File: VF062621.D  
Acq: 16 May 2019 12:01

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 96.1  | 76.9  | 115.3 |
| 70      | 11.0  | 8.8   | 13.2  |

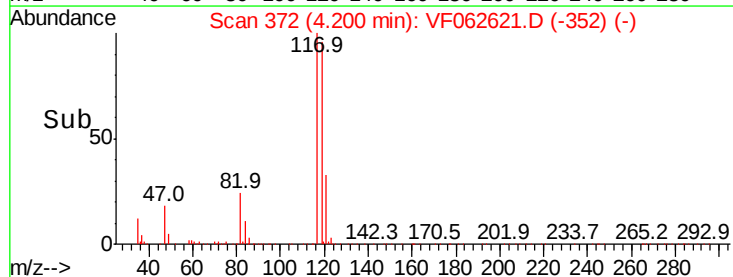
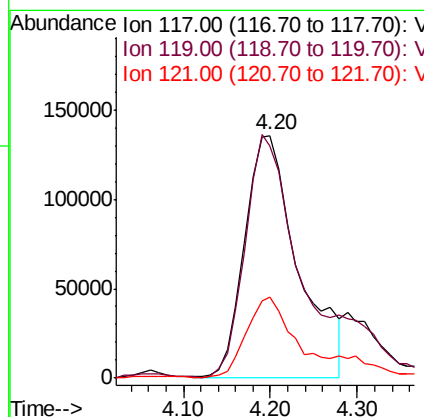
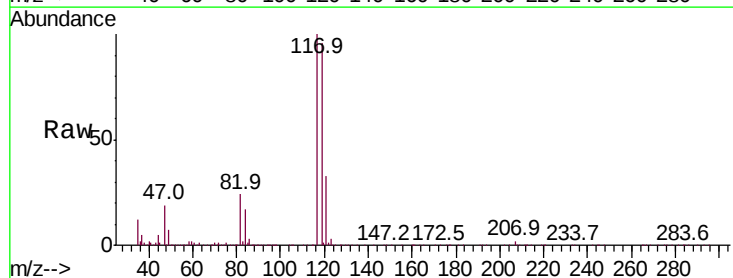
Manual Integrations  
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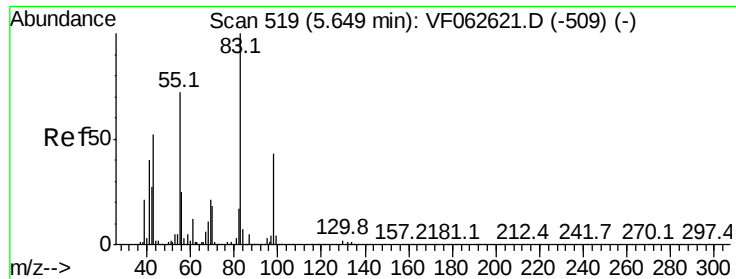
MMDadoda  
5/17/2019 4:20:09 PM



#38  
Carbon Tetrachloride  
Concen: 65.271 ug/l m  
RT: 4.20 min Scan# 372  
Delta R.T. 0.00 min  
Lab File: VF062621.D  
Acq: 16 May 2019 12:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.9  | 76.7  | 115.1 |
| 121     | 33.3  | 26.6  | 40.0  |





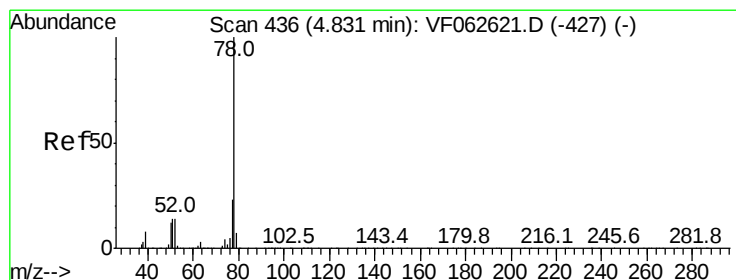
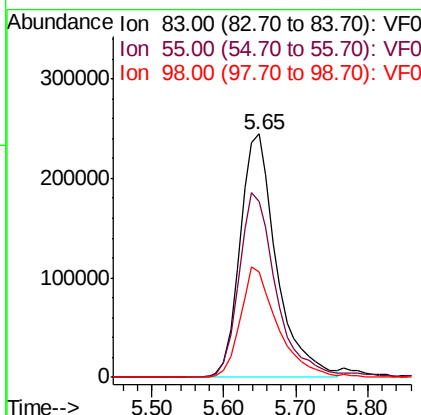
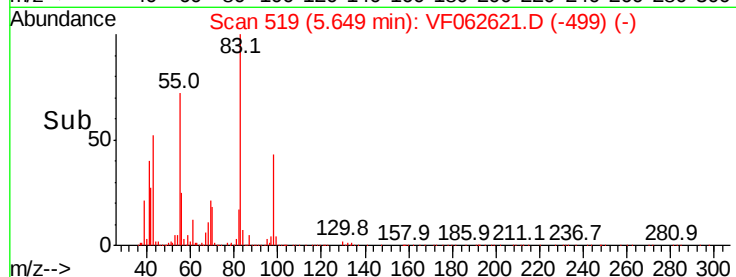
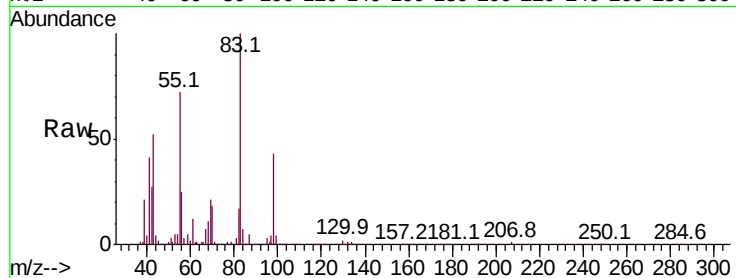
#39  
Methylvlcyclohexane  
Concen: 56.540 ug/l  
RT: 5.65 min Scan# 519  
Delta R.T. 0.00 min  
Lab File: VF062621.D  
Acq: 16 May 2019 12:01

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 83      | 100   |      |       |       |
| 55      | 72.4  | 57.9 | 86.9  |       |
| 98      | 43.3  | 34.6 | 52.0  |       |

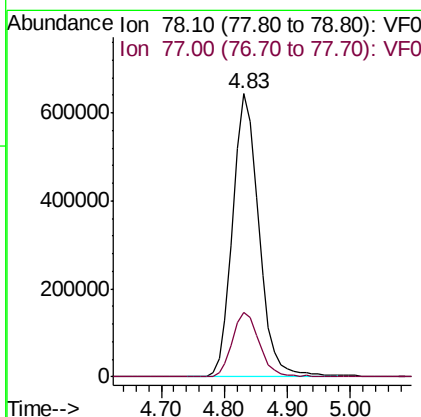
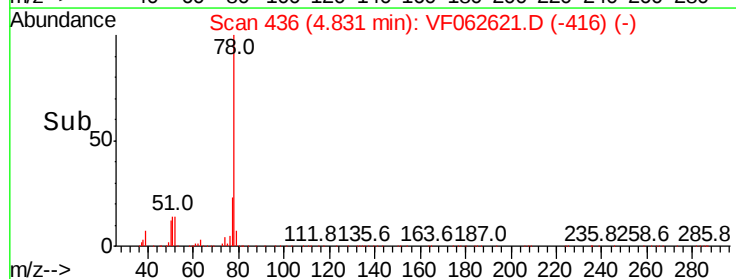
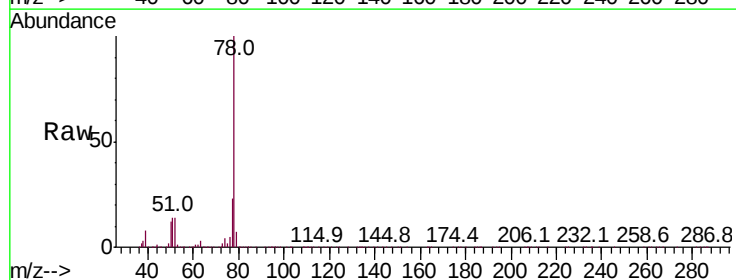
Manual Integrations  
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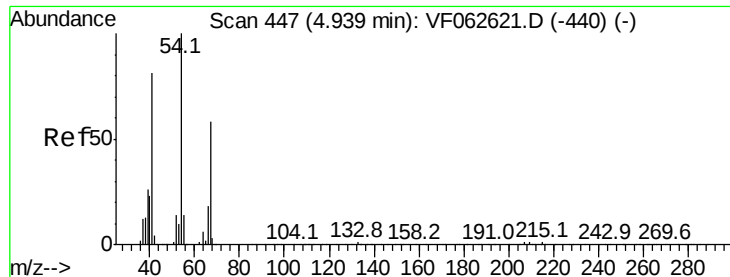
MMDadoda  
5/17/2019 4:20:09 PM



#40  
Benzene  
Concen: 53.274 ug/l  
RT: 4.83 min Scan# 436  
Delta R.T. 0.00 min  
Lab File: VF062621.D  
Acq: 16 May 2019 12:01

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 78      | 100   |      |       |       |
| 77      | 22.7  | 18.2 | 27.2  |       |





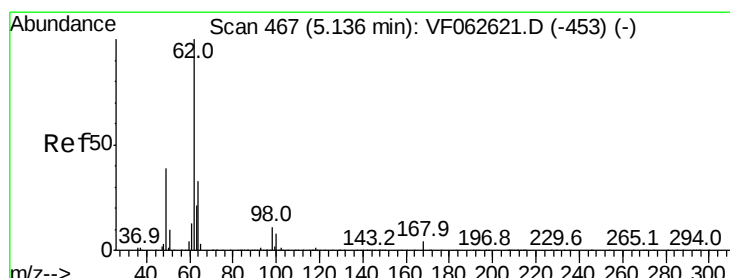
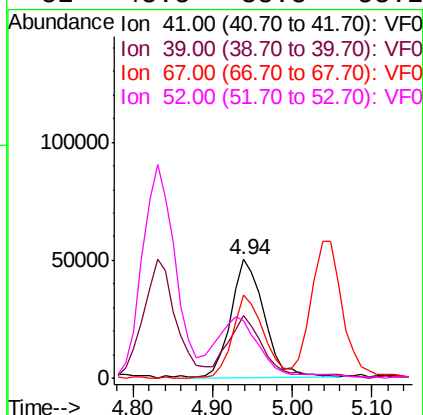
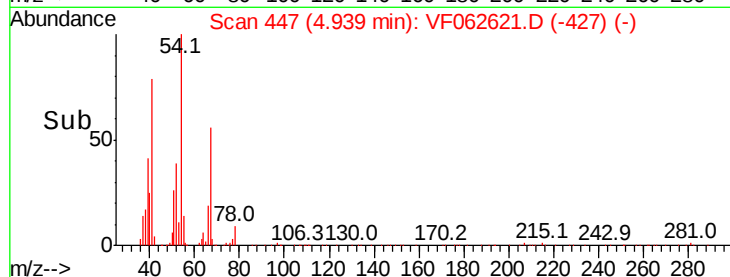
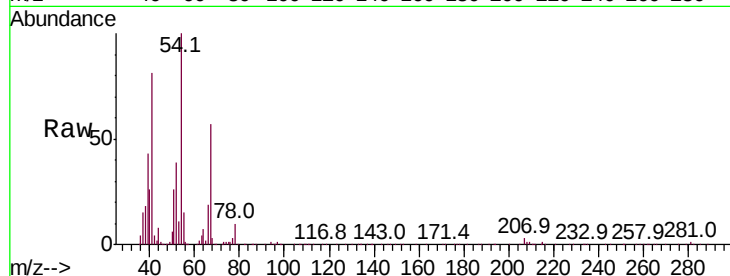
#41  
Methacrylonitrile  
Concen: 53.477 ug/l  
RT: 4.94 min Scan# 447  
Delta R.T. 0.00 min  
Lab File: VF062621.D  
Acq: 16 May 2019 12:01

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 52.7  | 42.2  | 63.2  |
| 67      | 70.5  | 56.4  | 84.6  |
| 52      | 48.5  | 38.8  | 58.2  |

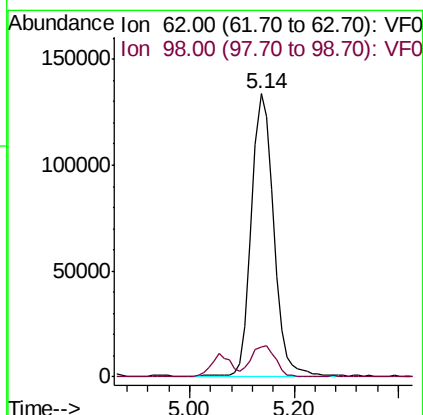
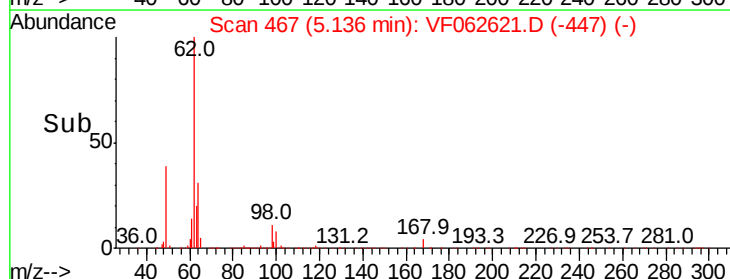
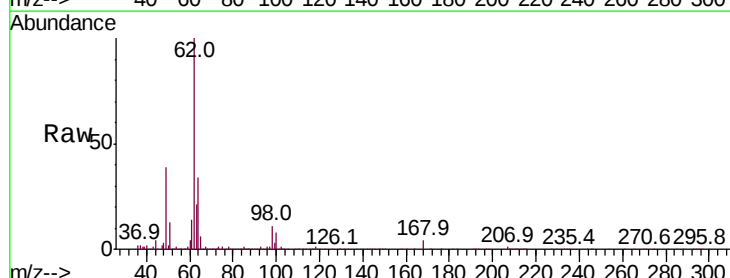
Manual Integrations  
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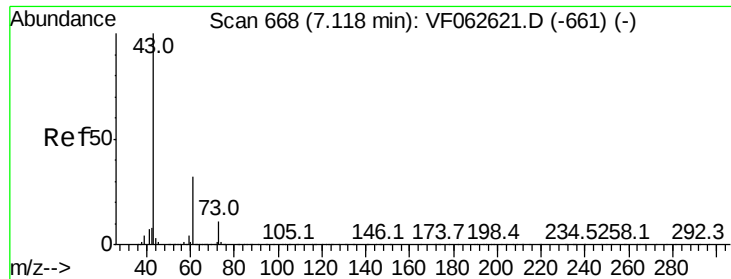
MMDadoda  
5/17/2019 4:20:09 PM



#42  
1,2-Dichloroethane  
Concen: 55.917 ug/l  
RT: 5.14 min Scan# 467  
Delta R.T. 0.00 min  
Lab File: VF062621.D  
Acq: 16 May 2019 12:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 10.8  | 0.0   | 21.6  |





#43

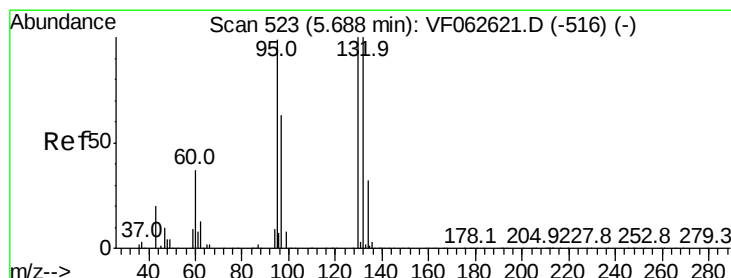
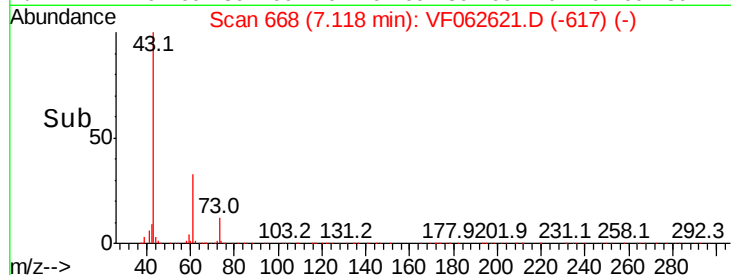
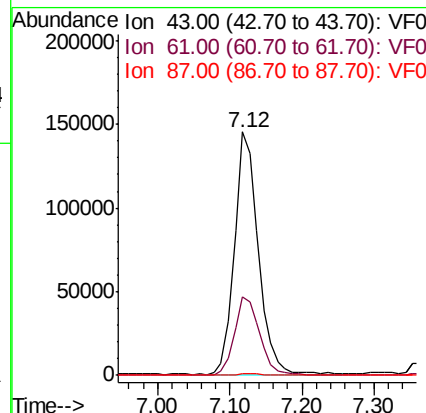
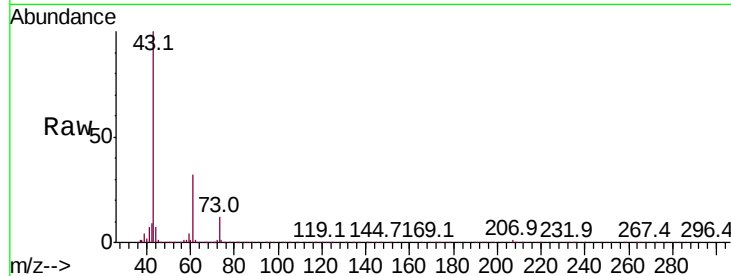
Isopropyl Acetate  
 Concen: 49.964 ug/l  
 RT: 7.12 min Scan# 668  
 Delta R.T. 0.00 min  
 Lab File: VF062621.D  
 Acq: 16 May 2019 12:01

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 32.3  | 25.8  | 38.8  |
| 87      | 0.5   | 0.4   | 0.6   |

Manual Integrations  
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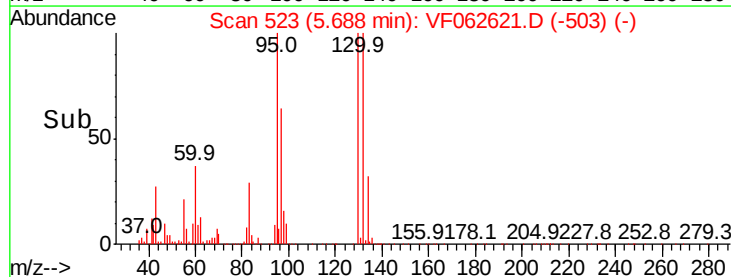
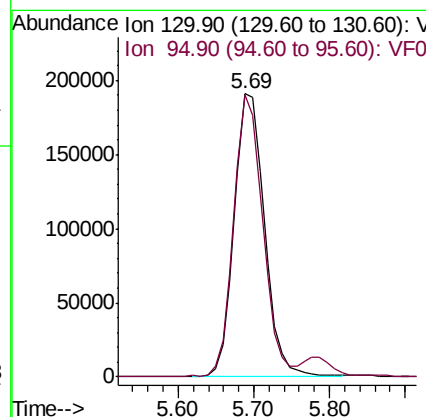
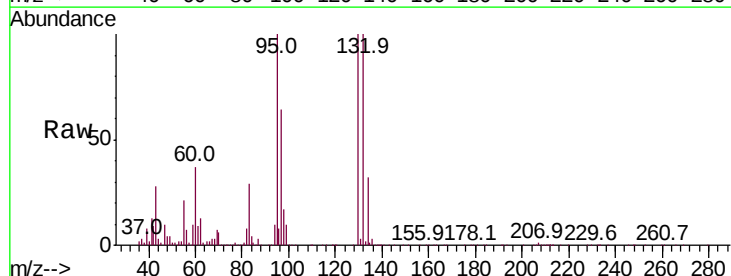
MMDadoda  
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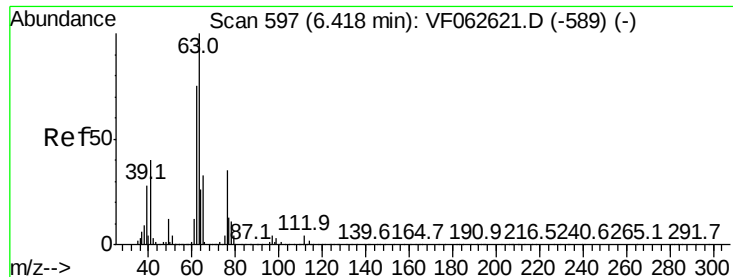


#44

Trichloroethene  
 Concen: 54.435 ug/l  
 RT: 5.69 min Scan# 523  
 Delta R.T. 0.00 min  
 Lab File: VF062621.D  
 Acq: 16 May 2019 12:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 99.7  | 0.0   | 199.4 |





#45

1,2-Dichloropropane

Concen: 55.297 ug/l

RT: 6.42 min Scan# 597

Delta R.T. 0.00 min

Lab File: VF062621.D

Acq: 16 May 2019 12:01

Instrument :

MSVOA\_F

ClientSampleId :

VSTDICCC050

Tot Ion: 63 Resp: 483881

Ion Ratio Lower Upper

63 100

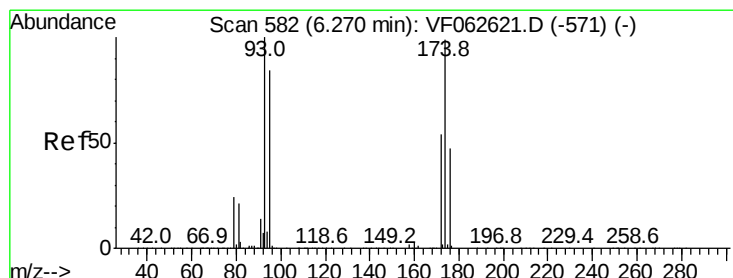
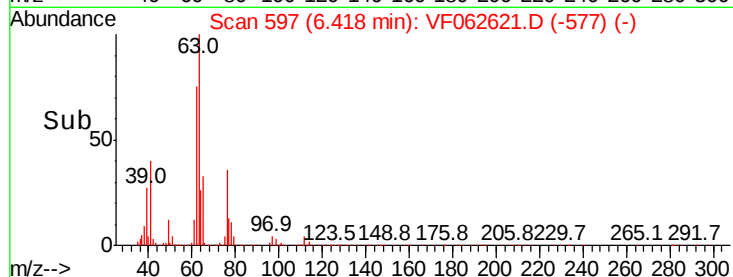
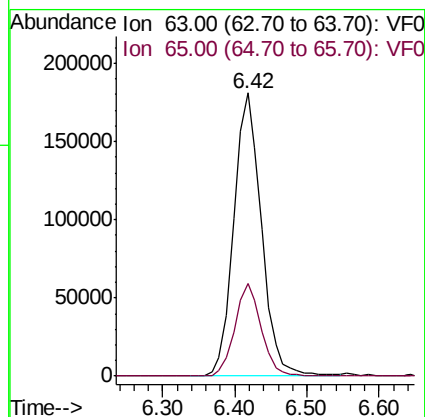
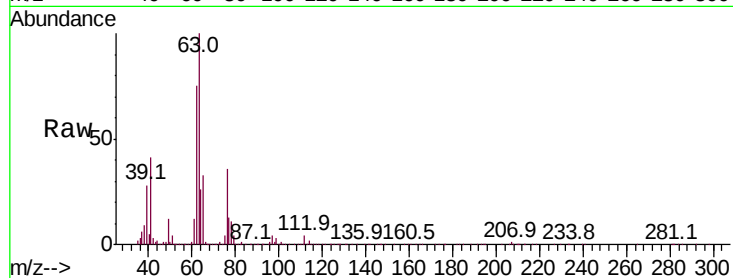
65 32.9 26.3 39.5

Manual Integrations

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#46

Dibromomethane

Concen: 53.549 ug/l

RT: 6.27 min Scan# 582

Delta R.T. 0.00 min

Lab File: VF062621.D

Acq: 16 May 2019 12:01

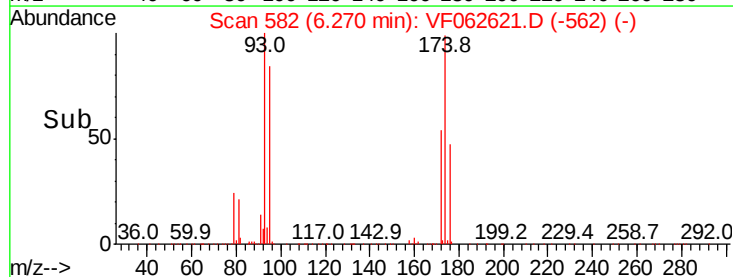
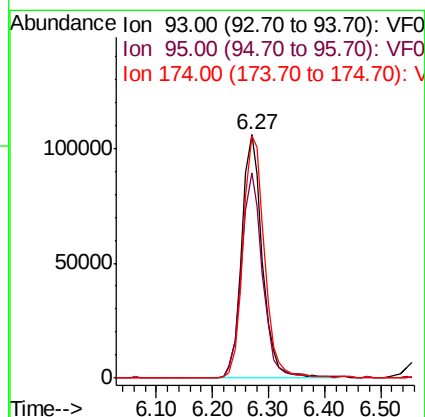
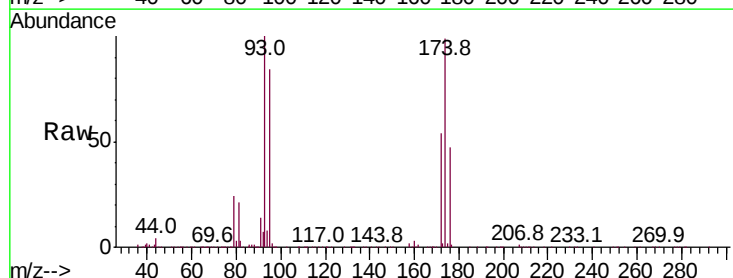
Tgt Ion: 93 Resp: 270812

Ion Ratio Lower Upper

93 100

95 84.3 67.4 101.2

174 99.3 79.4 119.2





#47

Bromodichloromethane

Concen: 54.805 ug/l

RT: 6.57 min Scan# 612

Delta R.T. 0.00 min

Lab File: VF062621.D

Acq: 16 May 2019 12:01

Instrument :

MSVOA\_F

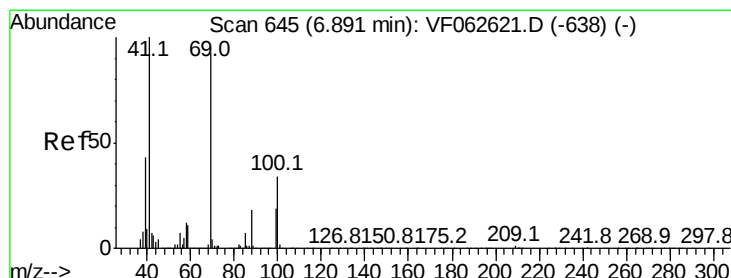
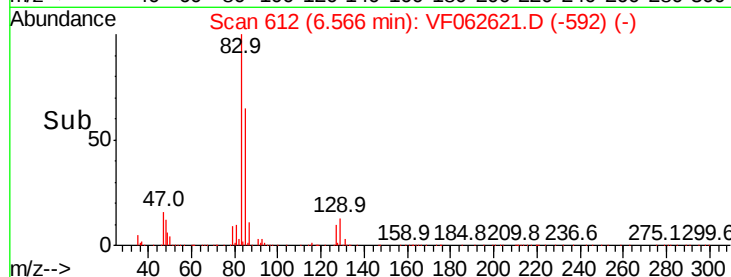
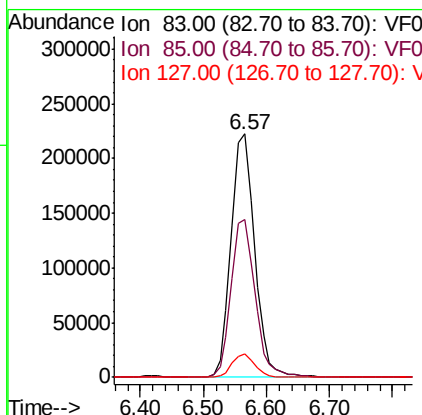
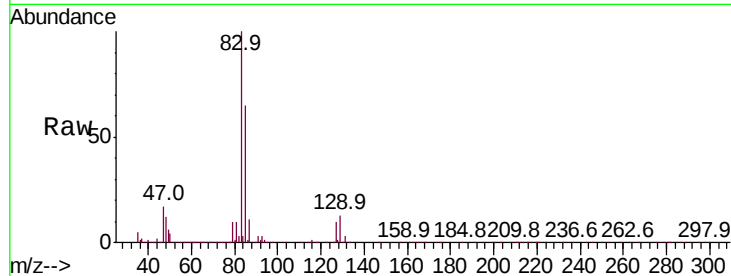
ClientSampleId :

VSTDICCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 575387 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 65.0  | 52.0  | 78.0   |
| 127       | 9.6   | 7.7   | 11.5   |

Manual Integrations  
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#48

Methyl methacrylate

Concen: 53.886 ug/l

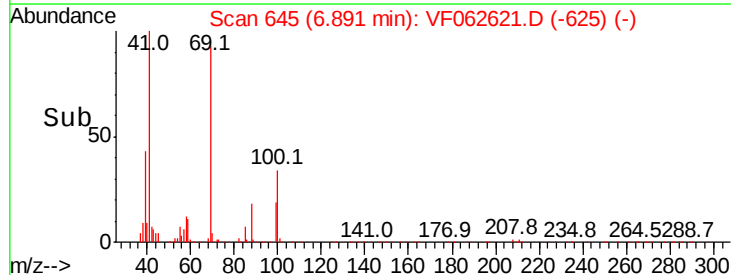
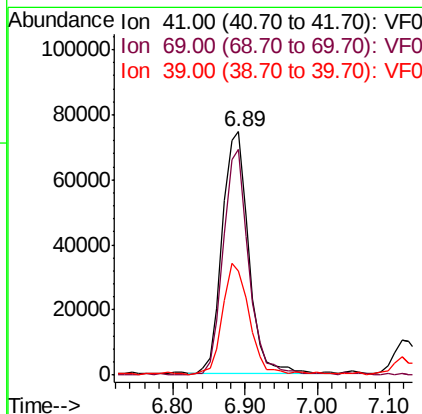
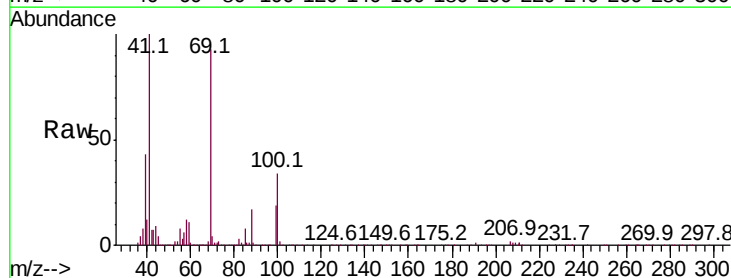
RT: 6.89 min Scan# 645

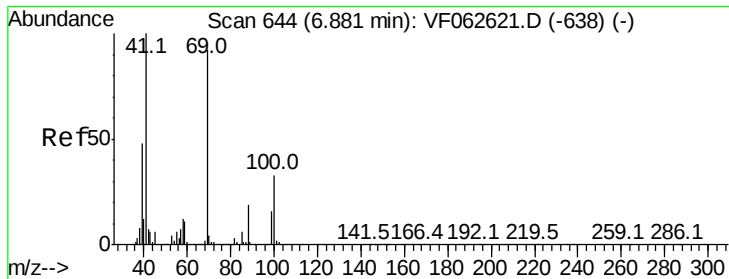
Delta R.T. 0.00 min

Lab File: VF062621.D

Acq: 16 May 2019 12:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 189576 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 92.7  | 74.2  | 111.2  |
| 39        | 42.8  | 34.2  | 51.4   |





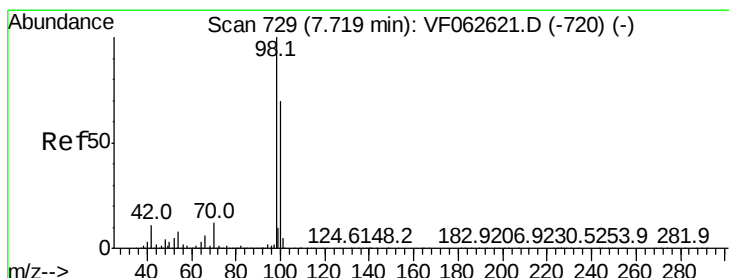
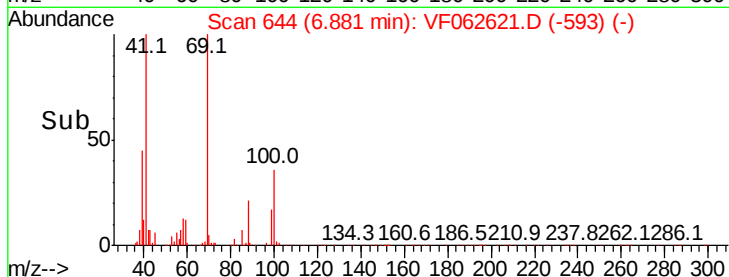
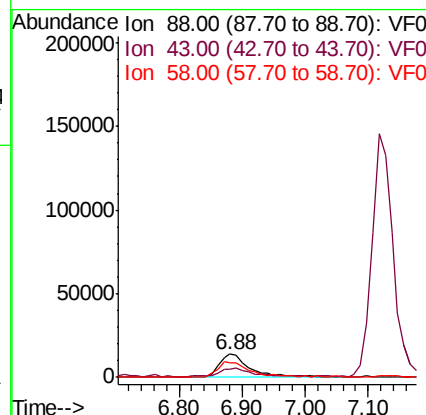
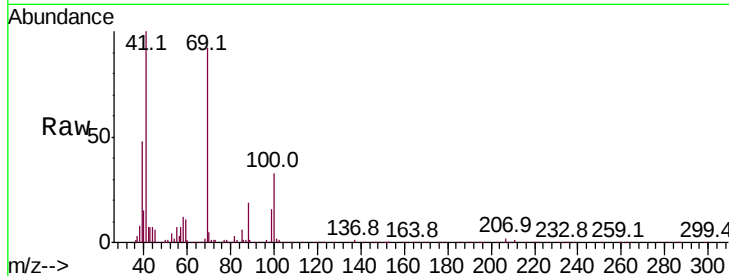
#49  
1,4-Dioxane  
Concen: 1075.488 ug/l  
RT: 6.88 min Scan# 644  
Delta R.T. 0.00 min  
Lab File: VF062621.D  
Acq: 16 May 2019 12:01

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 37.5  | 30.0  | 45.0  |
| 58      | 63.9  | 51.1  | 76.7  |

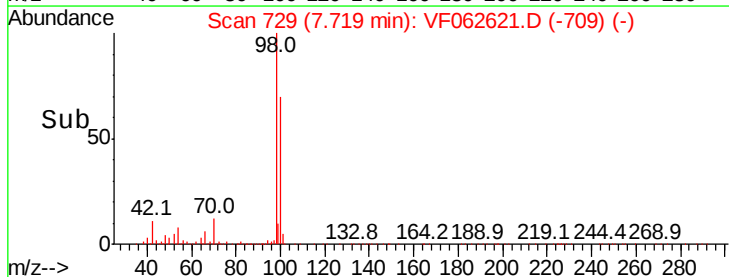
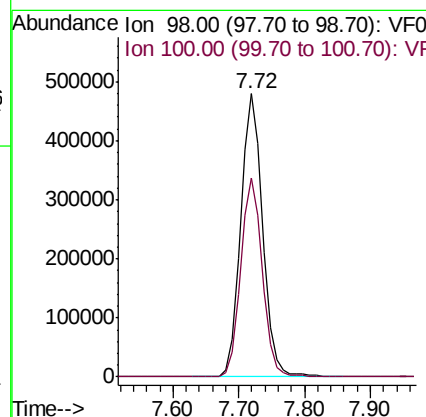
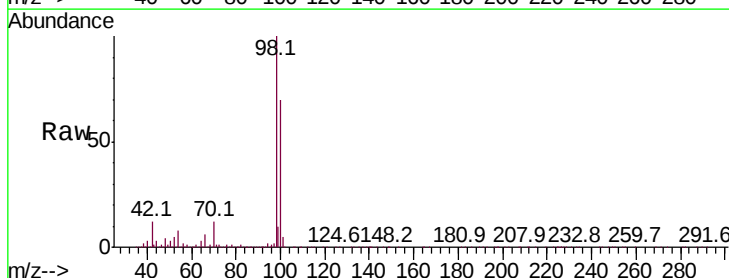
Manual Integrations  
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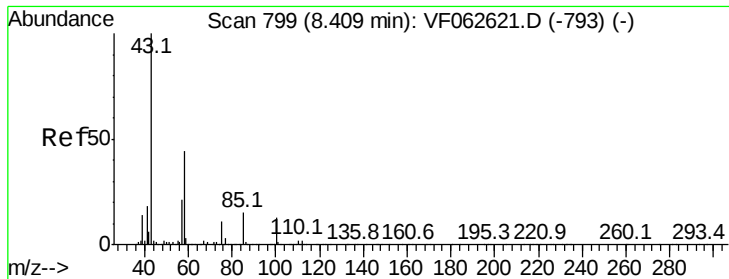
MMDadoda  
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#50  
Toluene-d8  
Concen: 49.513 ug/l  
RT: 7.72 min Scan# 729  
Delta R.T. 0.00 min  
Lab File: VF062621.D  
Acq: 16 May 2019 12:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 70.2  | 56.2  | 84.2  |





#51

4-Methyl-2-Pentanone

Concen: 244.844 ug/l

RT: 8.41 min Scan# 799

Delta R.T. 0.00 min

Lab File: VF062621.D

Acq: 16 May 2019 12:01

Tot Ion: 43 Resp: 1126475

Ion Ratio Lower Upper

43 100

58 43.6 34.9 52.3

Instrument :

MSVOA\_F

ClientSampleId :

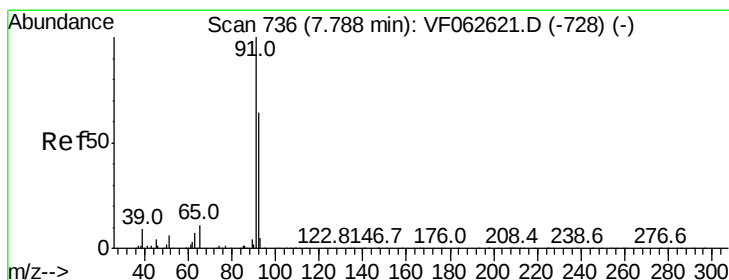
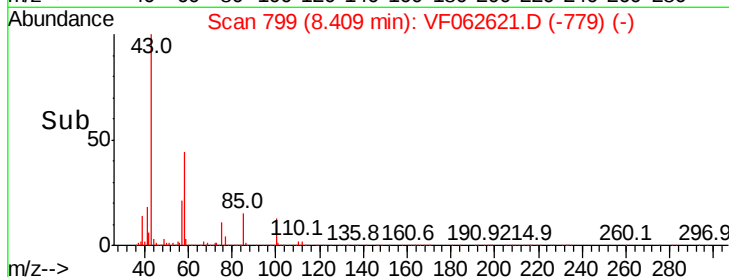
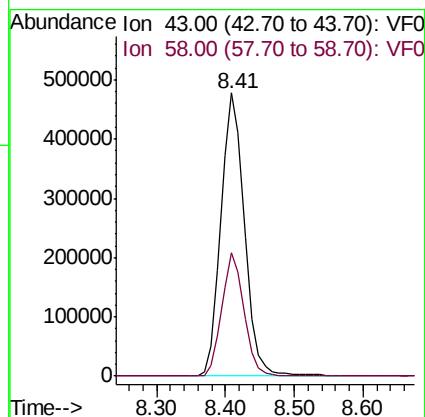
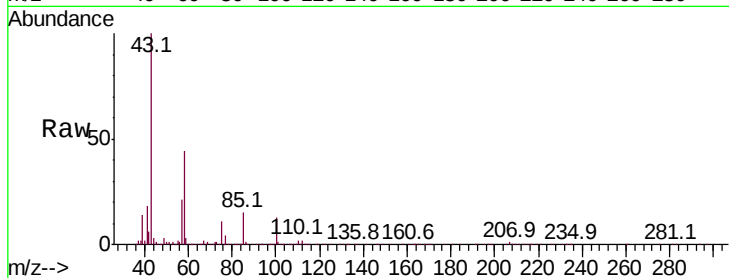
VSTDICCC050

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#52

Toluene

Concen: 52.928 ug/l

RT: 7.79 min Scan# 736

Delta R.T. 0.00 min

Lab File: VF062621.D

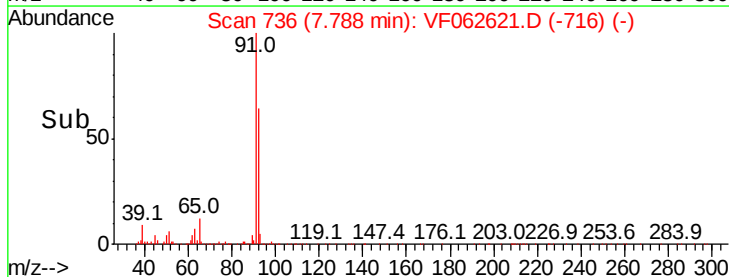
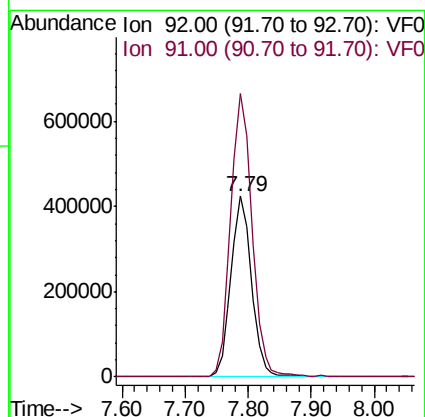
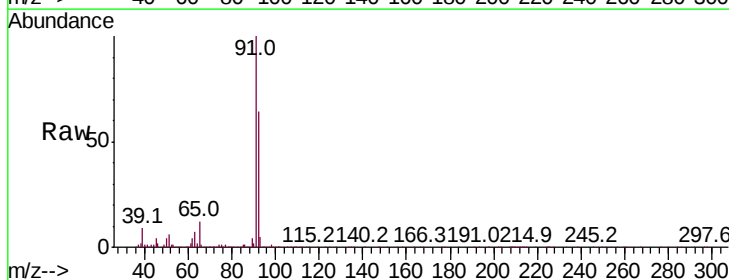
Acq: 16 May 2019 12:01

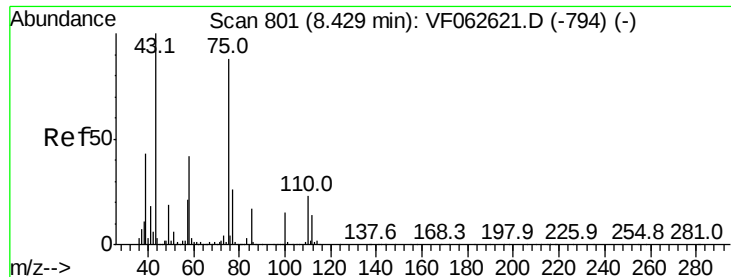
Tgt Ion: 92 Resp: 962225

Ion Ratio Lower Upper

92 100

91 156.7 125.4 188.0





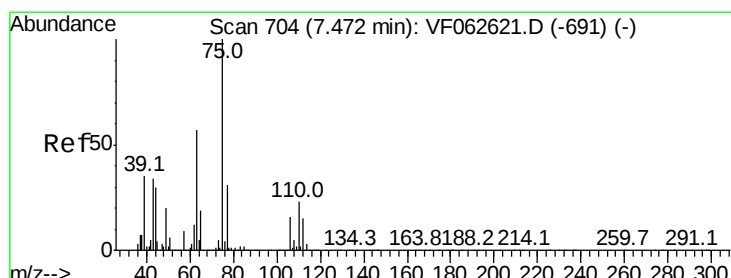
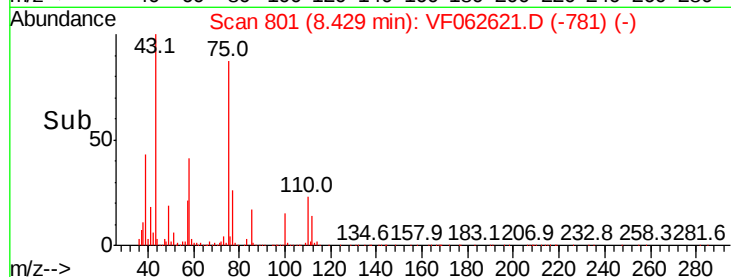
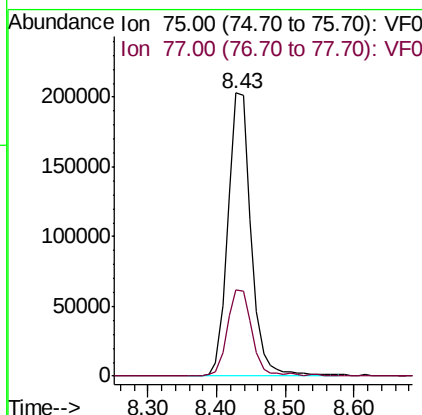
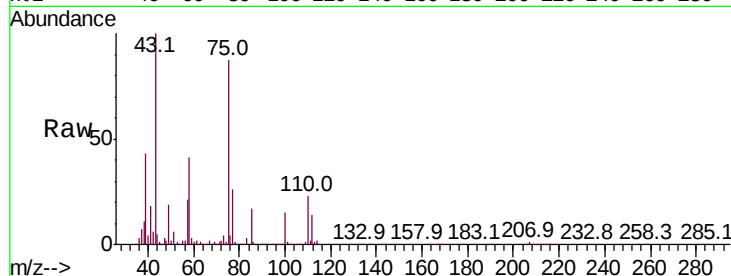
#53  
 t-1,3-Dichloropropene  
 Concen: 54.630 ug/l  
 RT: 8.43 min Scan# 801  
 Delta R.T. 0.00 min  
 Lab File: VF062621.D  
 Acq: 16 May 2019 12:01

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 30.3  | 24.2  | 36.4  |

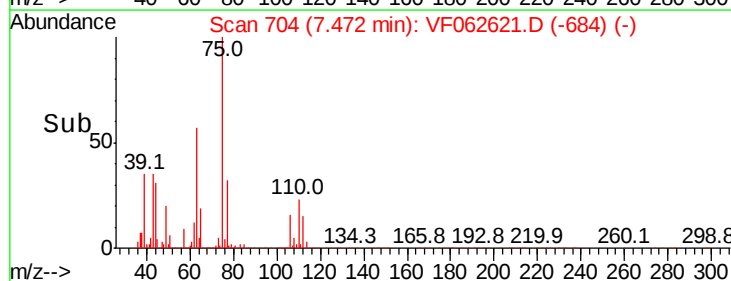
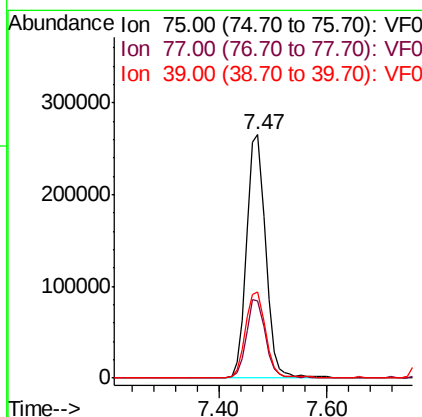
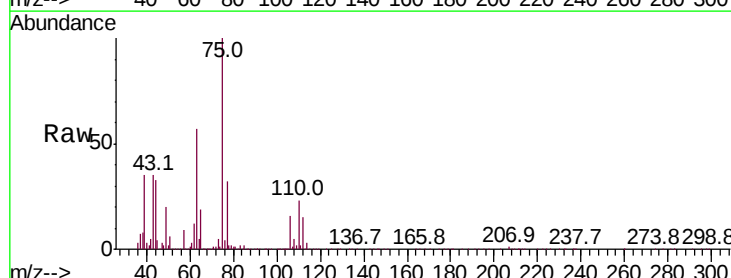
Manual Integrations  
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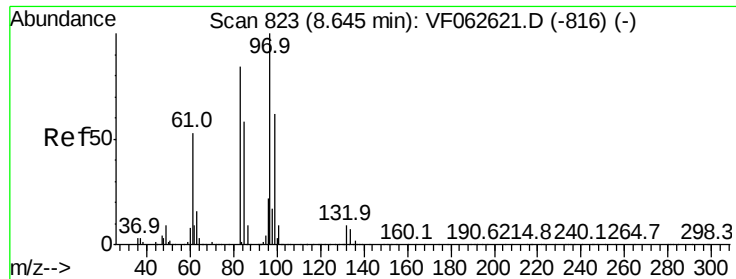
MMDadoda  
 5/17/2019 4:20:09 PM



#54  
 cis-1,3-Dichloropropene  
 Concen: 53.959 ug/l  
 RT: 7.47 min Scan# 704  
 Delta R.T. 0.00 min  
 Lab File: VF062621.D  
 Acq: 16 May 2019 12:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.6  | 25.3  | 37.9  |
| 39      | 35.2  | 28.2  | 42.2  |





#55

1,1,2-Trichloroethane

Concen: 51.490 ug/l

RT: 8.65 min Scan# 823

Delta R.T. 0.00 min

Lab File: VF062621.D

Acq: 16 May 2019 12:01

Instrument :

MSVOA\_F

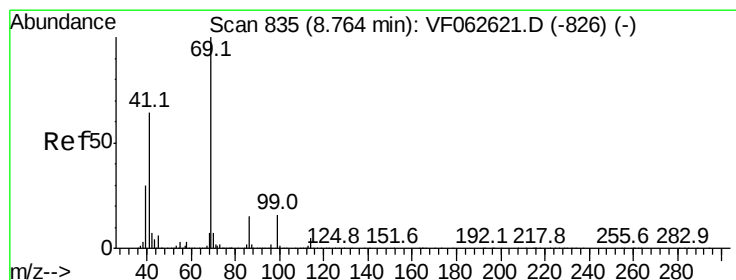
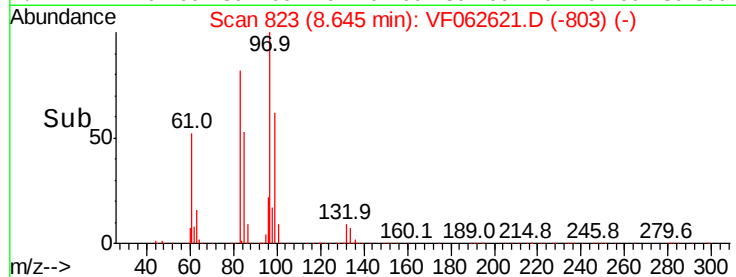
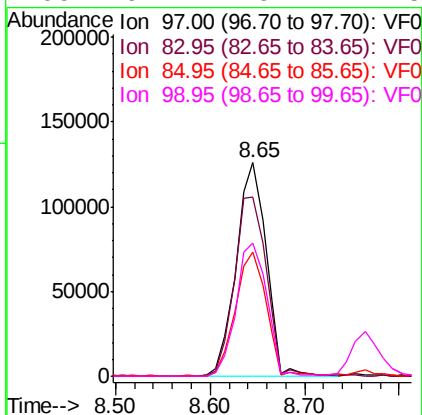
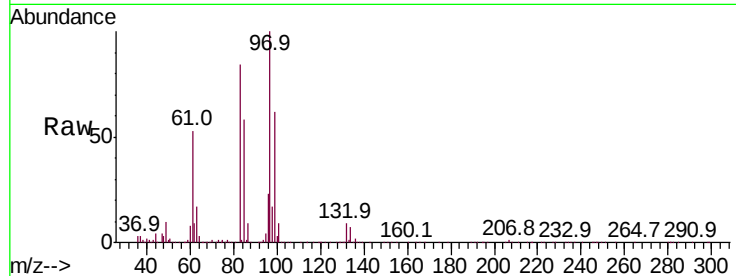
ClientSampleId :

VSTDICCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 97      | 100   | 277160 |       |       |
| 83      | 84.1  | 67.3   | 100.9 |       |
| 85      | 58.2  | 46.6   | 69.8  |       |
| 99      | 62.1  | 49.7   | 74.5  |       |

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#56

Ethyl methacrylate

Concen: 48.504 ug/l

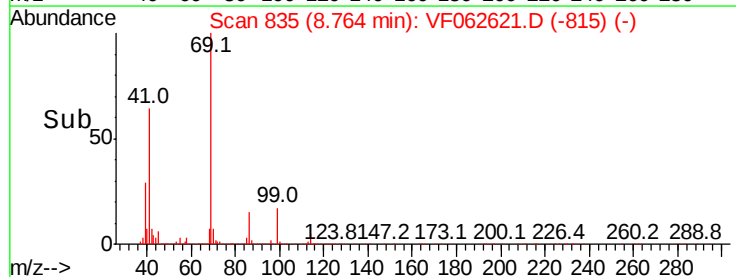
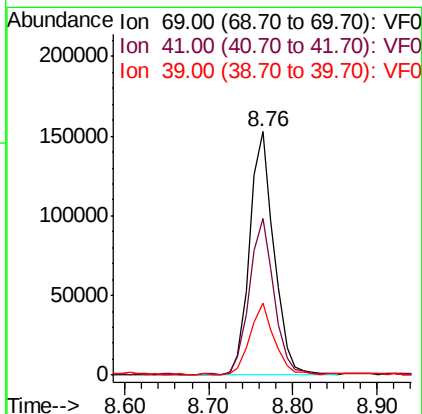
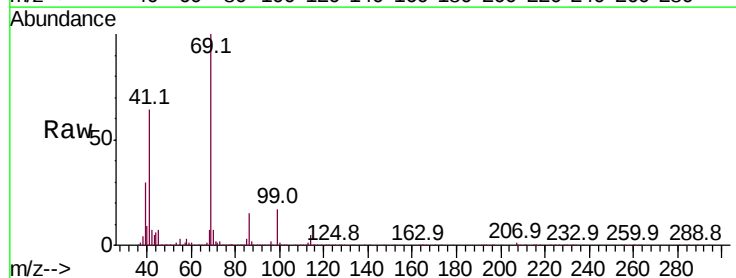
RT: 8.76 min Scan# 835

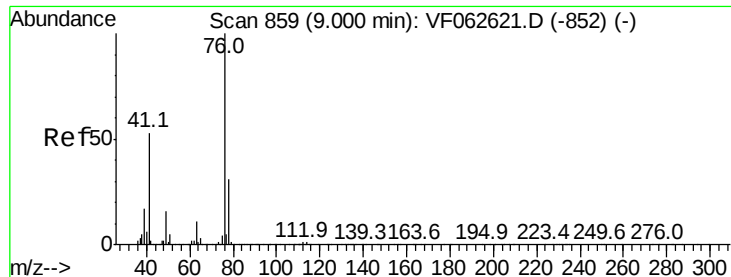
Delta R.T. 0.00 min

Lab File: VF062621.D

Acq: 16 May 2019 12:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 69      | 100   | 311055 |       |       |
| 41      | 64.3  | 51.4   | 77.2  |       |
| 39      | 29.5  | 23.6   | 35.4  |       |





#57

1,3-Dichloropropane

Concen: 52.555 ug/l

RT: 9.00 min Scan# 859

Delta R.T. 0.00 min

Lab File: VF062621.D

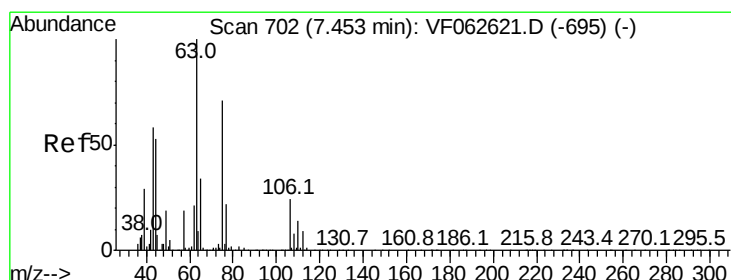
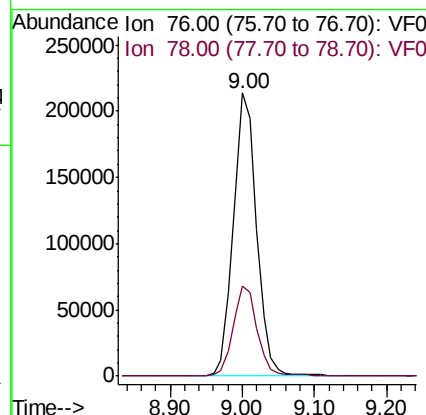
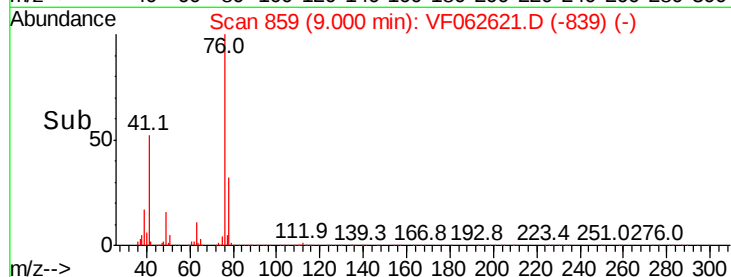
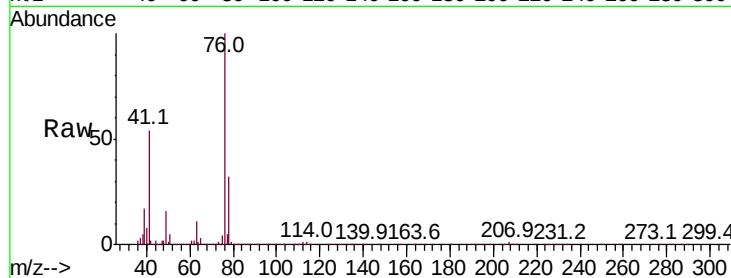
Acq: 16 May 2019 12:01

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 31.7  | 25.4  | 38.0  |

Manual Integrations  
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#58

2-Chloroethyl Vinyl ether

Concen: 263.110 ug/l

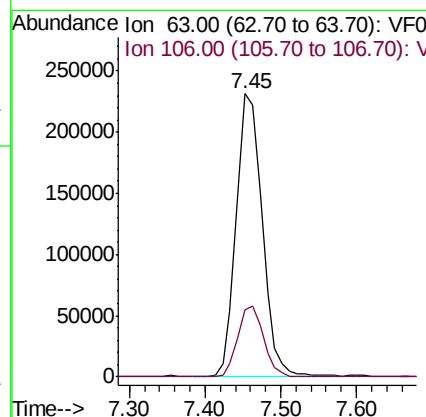
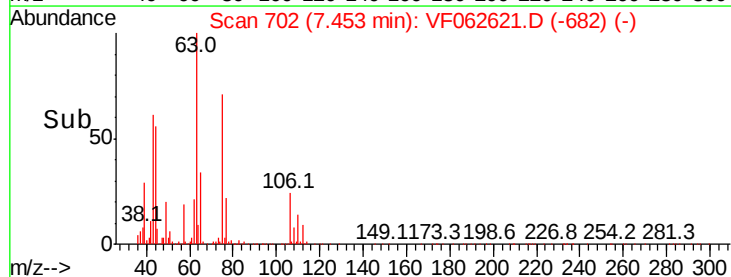
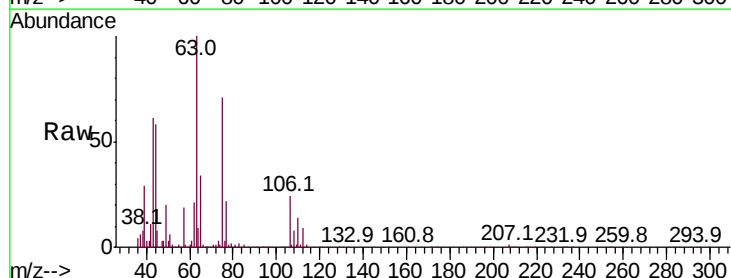
RT: 7.45 min Scan# 702

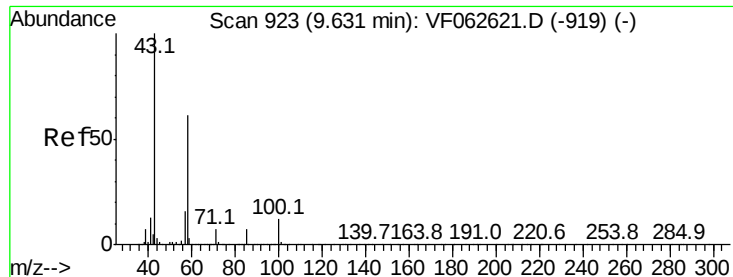
Delta R.T. 0.00 min

Lab File: VF062621.D

Acq: 16 May 2019 12:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 23.9  | 19.1  | 28.7  |





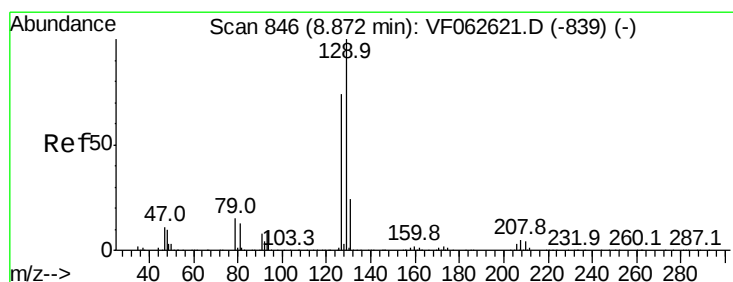
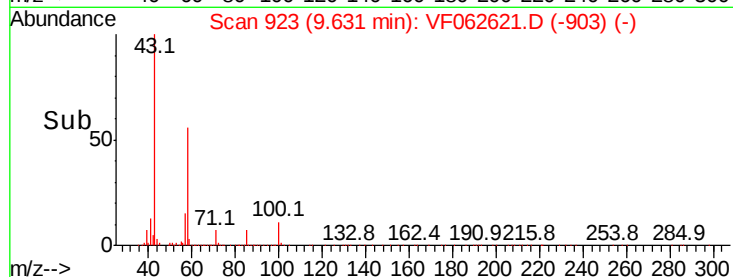
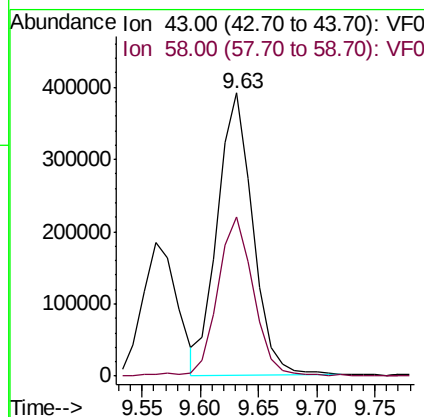
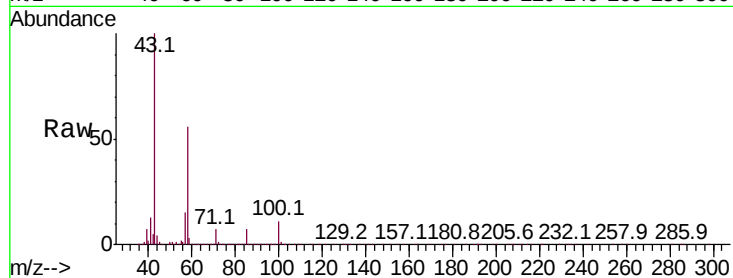
#59  
2-Hexanone  
Concen: 243.618 ug/l  
RT: 9.63 min Scan# 923  
Delta R.T. 0.00 min  
Lab File: VF062621.D  
Acq: 16 May 2019 12:01

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDICCC050

Tot Ion: 43 Resp: 819490  
Ion Ratio Lower Upper  
43 100  
58 56.3 28.1 84.4

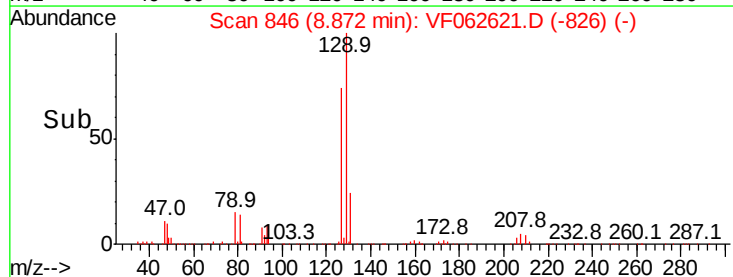
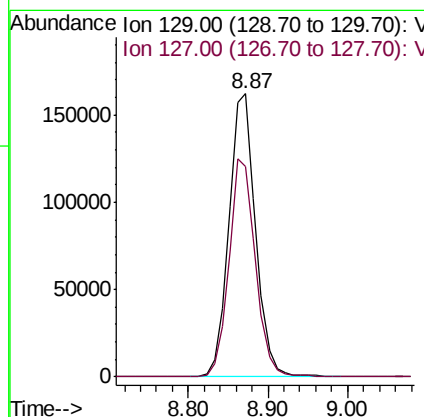
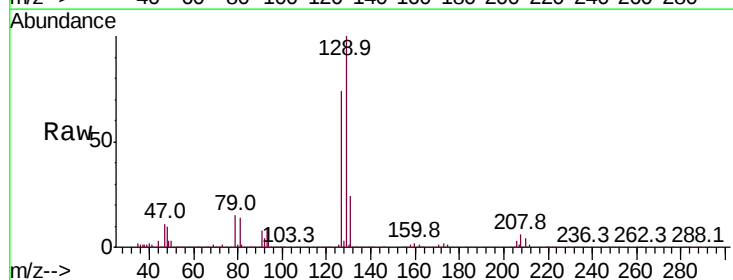
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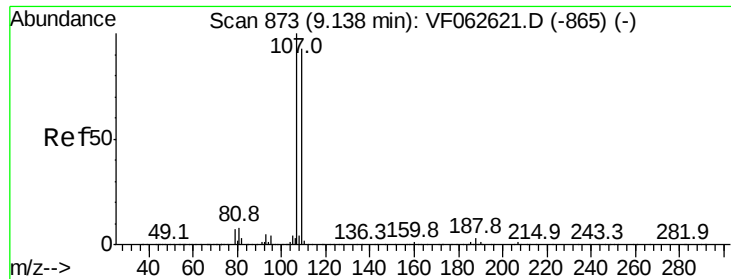
MMDadoda  
5/17/2019 4:20:09 PM



#60  
Dibromochloromethane  
Concen: 54.269 ug/l  
RT: 8.87 min Scan# 846  
Delta R.T. 0.00 min  
Lab File: VF062621.D  
Acq: 16 May 2019 12:01

Tgt Ion: 129 Resp: 380724  
Ion Ratio Lower Upper  
129 100  
127 74.4 37.2 111.6





#61

1,2-Dibromoethane

Concen: 52.108 ug/l

RT: 9.14 min Scan# 873

Delta R.T. 0.00 min

Lab File: VF062621.D

Acq: 16 May 2019 12:01

Instrument :

MSVOA\_F

ClientSampleId :

VSTDICCC050

Tot Ion: 107 Resp: 297918

Ion Ratio Lower Upper

107 100

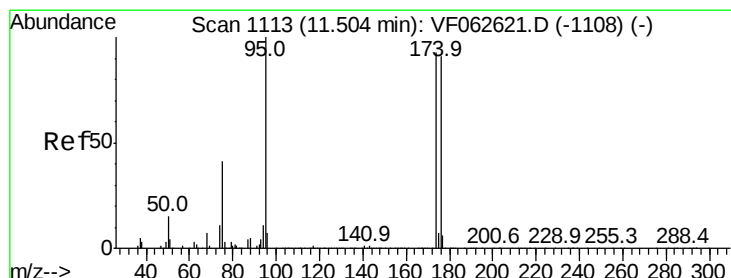
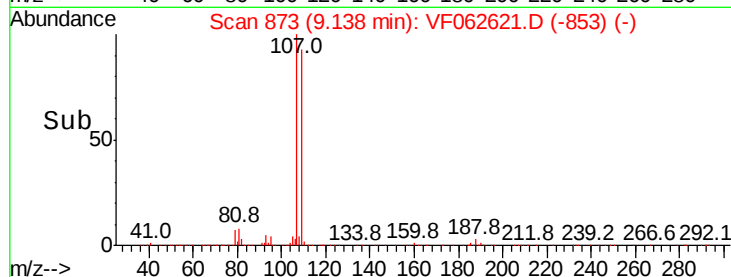
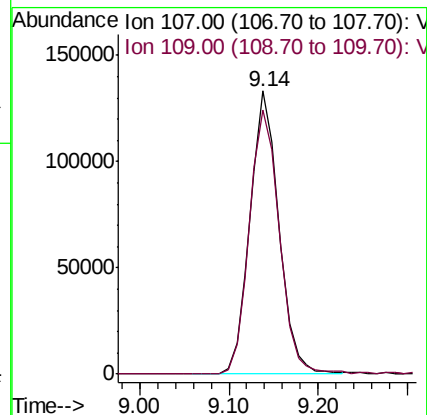
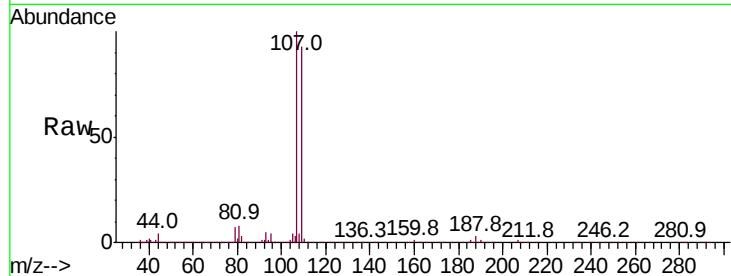
109 93.5 74.8 112.2

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 48.342 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VF062621.D

Acq: 16 May 2019 12:01

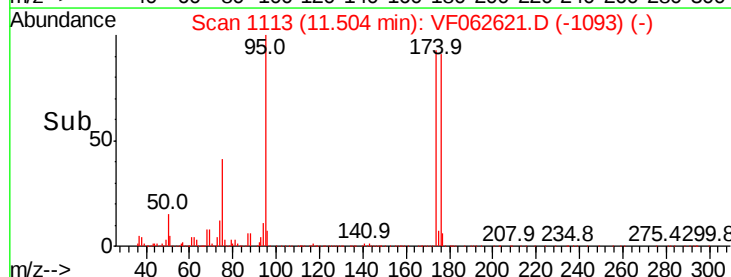
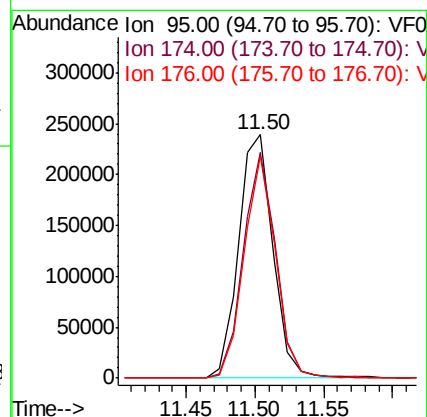
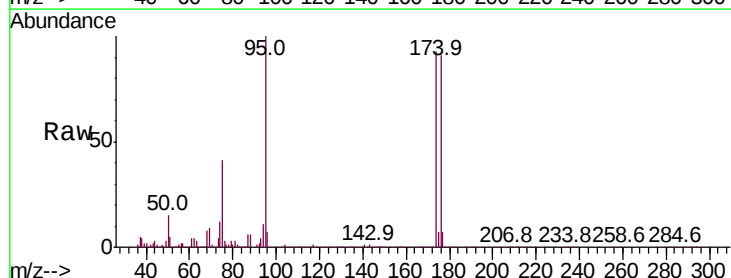
Tgt Ion: 95 Resp: 415965

Ion Ratio Lower Upper

95 100

174 92.8 0.0 185.6

176 91.2 0.0 182.4





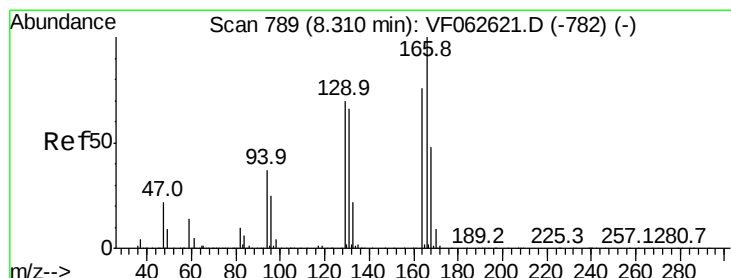
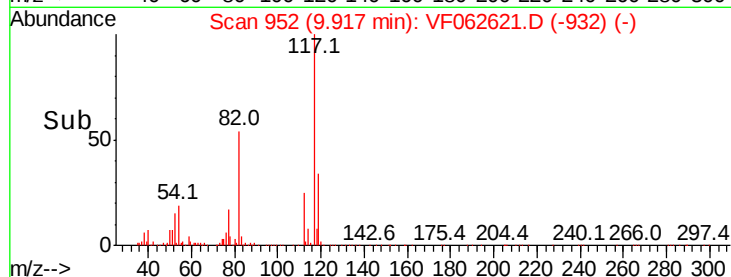
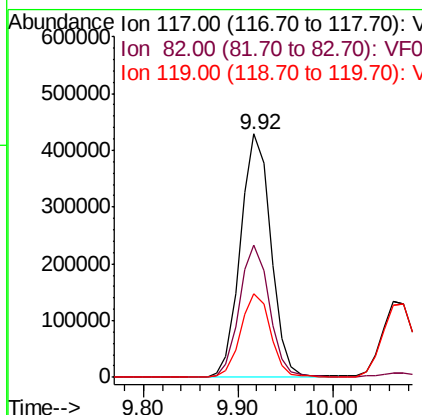
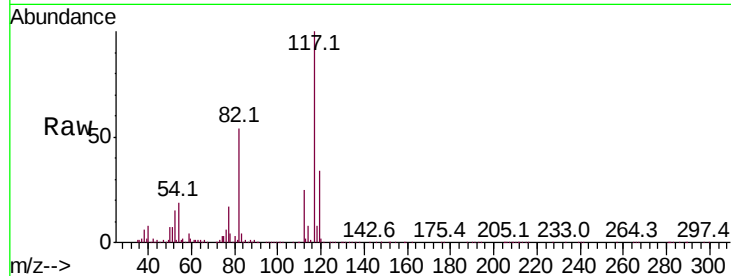
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.92 min Scan# 952  
Delta R.T. 0.00 min  
Lab File: VF062621.D  
Acq: 16 May 2019 12:01

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 960209 |       |       |
| 82      | 54.1  |        | 43.3  | 64.9  |
| 119     | 34.2  |        | 27.4  | 41.0  |

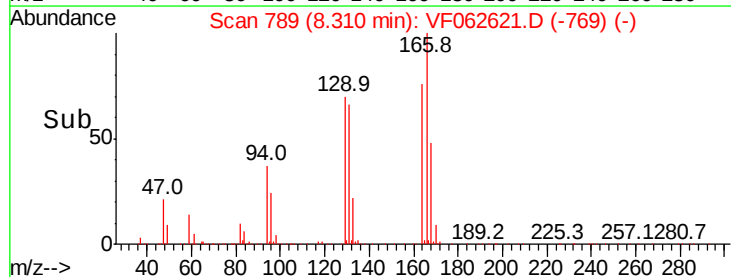
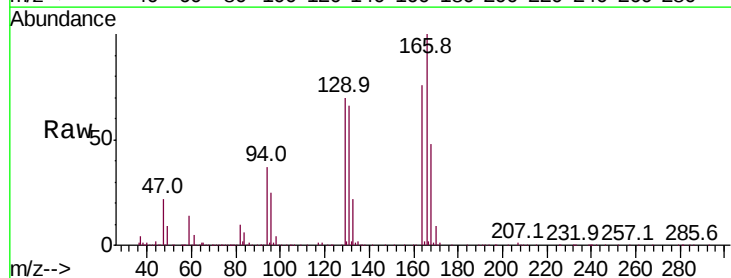
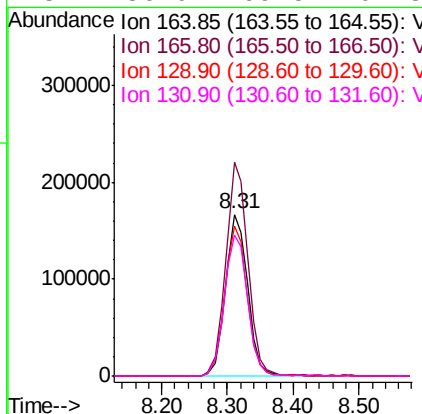
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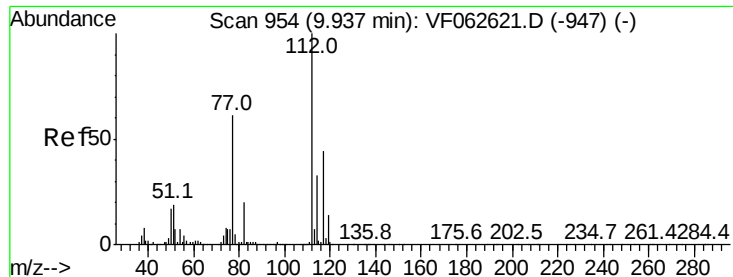
MMDadoda  
5/17/2019 4:20:09 PM



#64  
Tetrachloroethene  
Concen: 52.114 ug/l  
RT: 8.31 min Scan# 789  
Delta R.T. 0.00 min  
Lab File: VF062621.D  
Acq: 16 May 2019 12:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 396430 |       |       |
| 166     | 131.9 |        | 105.5 | 158.3 |
| 129     | 92.2  |        | 73.8  | 110.6 |
| 131     | 86.9  |        | 69.5  | 104.3 |





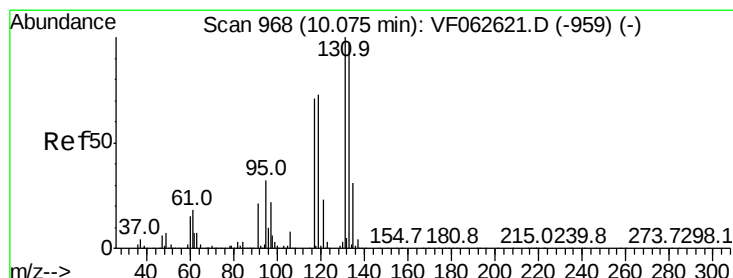
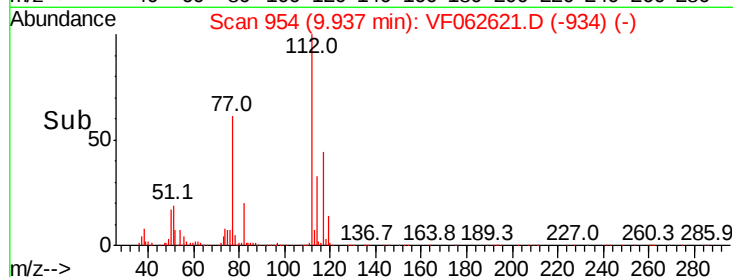
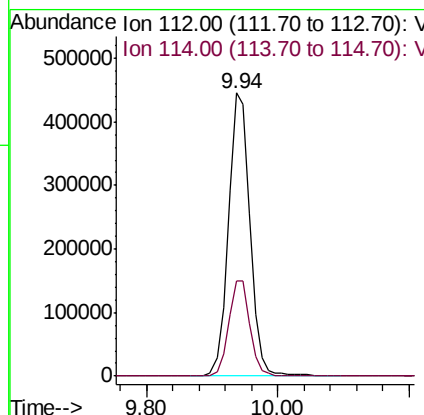
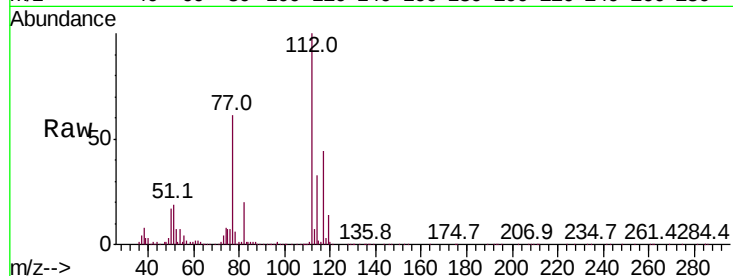
#65  
Chlorobenzene  
Concen: 53.990 ug/l  
RT: 9.94 min Scan# 954  
Delta R.T. 0.00 min  
Lab File: VF062621.D  
Acq: 16 May 2019 12:01

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDICCC050

Tot Ion:112 Resp: 1018219  
Ion Ratio Lower Upper  
112 100  
114 33.5 26.8 40.2

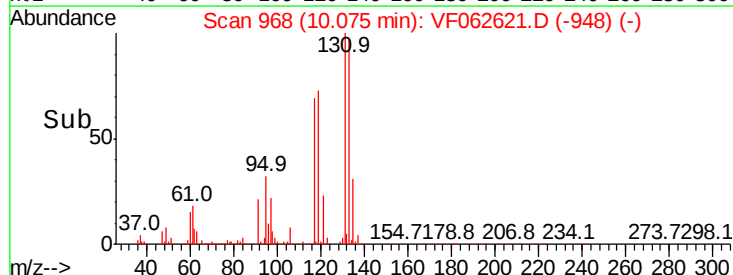
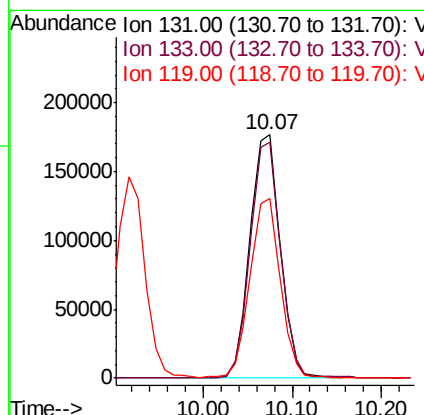
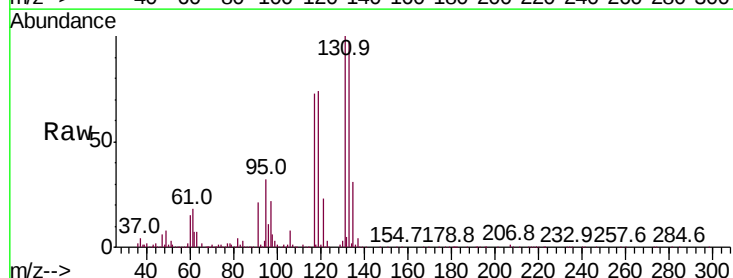
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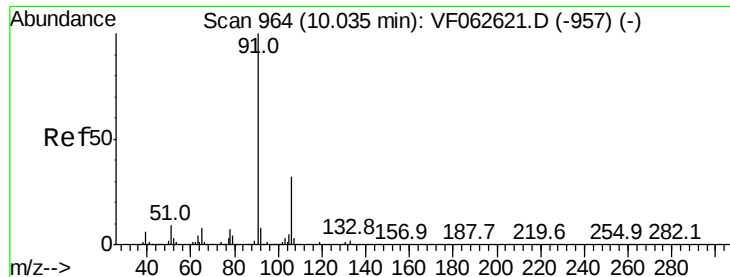
MMDadoda  
5/17/2019 4:20:09 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 54.512 ug/l  
RT: 10.07 min Scan# 968  
Delta R.T. 0.00 min  
Lab File: VF062621.D  
Acq: 16 May 2019 12:01

Tgt Ion:131 Resp: 412711  
Ion Ratio Lower Upper  
131 100  
133 97.0 48.5 145.5  
119 73.6 36.8 110.4





#67

Ethyl Benzene

Concen: 52.532 ug/l

RT: 10.04 min Scan# 964

Delta R.T. 0.00 min

Lab File: VF062621.D

Acq: 16 May 2019 12:01

Instrument :

MSVOA\_F

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 1721114

Ion Ratio Lower Upper

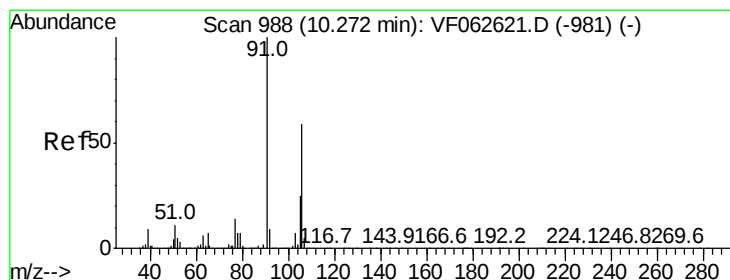
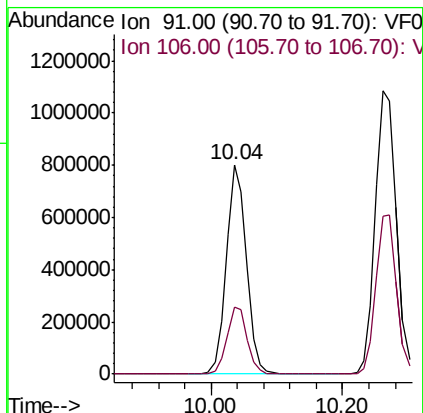
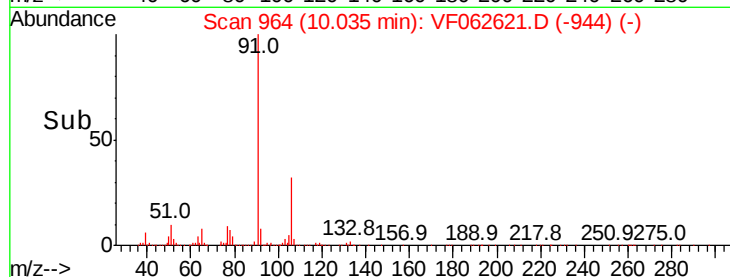
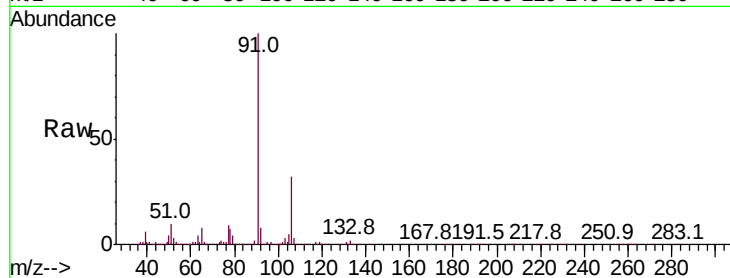
91 100

106 32.3 25.8 38.8

Manual Integrations  
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#68

m/p-Xylenes

Concen: 108.911 ug/l

RT: 10.27 min Scan# 988

Delta R.T. 0.00 min

Lab File: VF062621.D

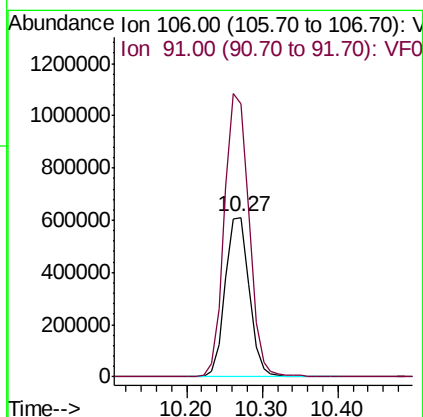
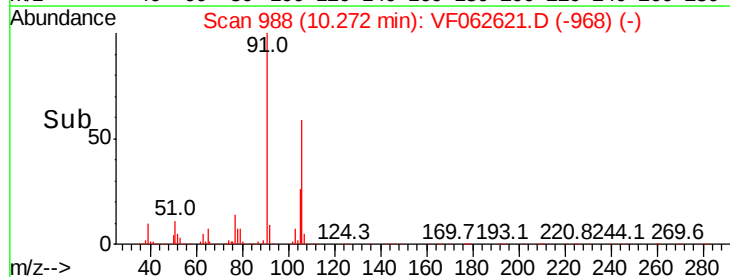
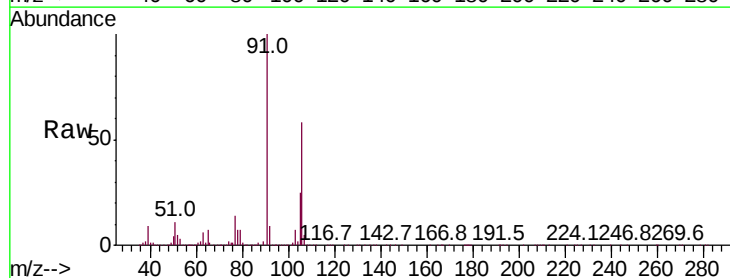
Acq: 16 May 2019 12:01

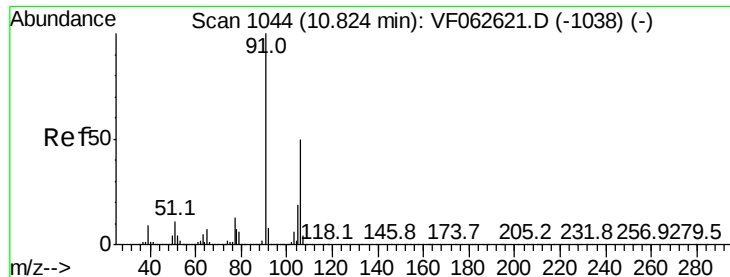
Tgt Ion: 106 Resp: 1341100

Ion Ratio Lower Upper

106 100

91 171.1 136.9 205.3





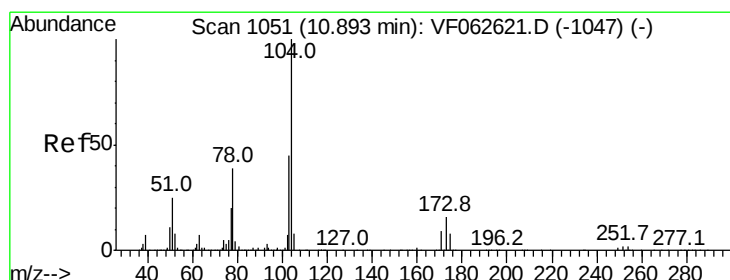
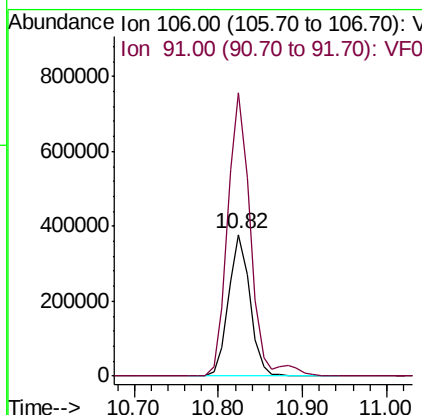
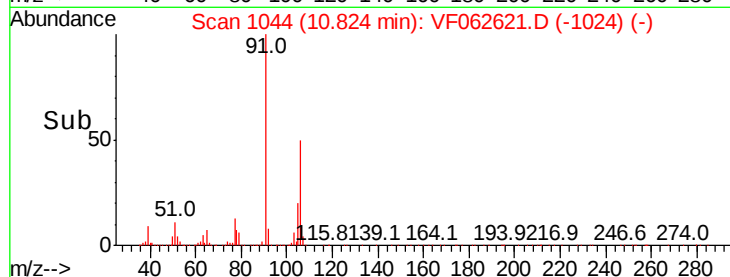
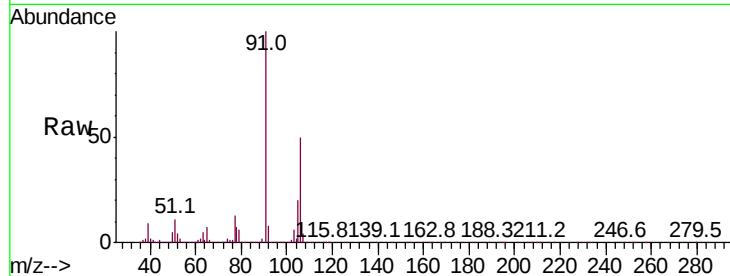
#69  
o-Xylene  
Concen: 52.981 ug/l  
RT: 10.82 min Scan# 1044  
Delta R.T. 0.00 min  
Lab File: VF062621.D  
Acq: 16 May 2019 12:01

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 200.3 | 100.2 | 300.5 |

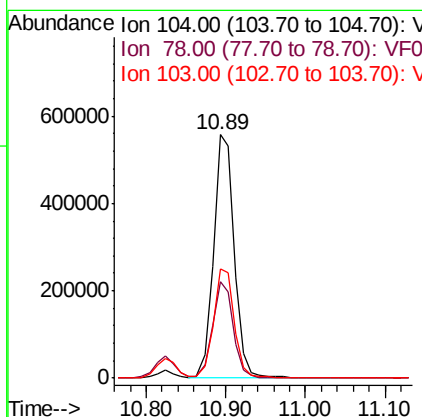
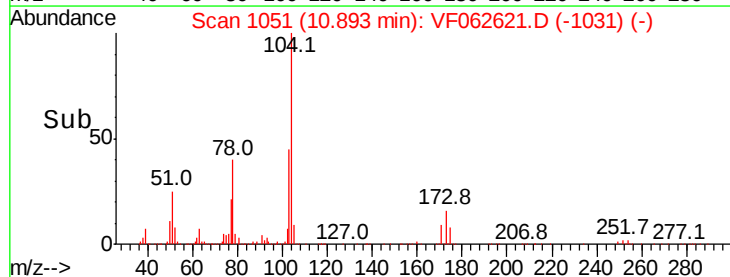
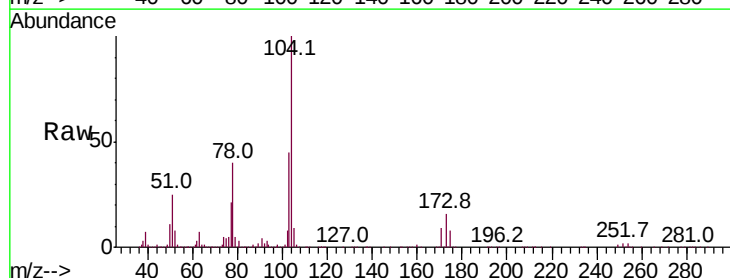
Manual Integrations  
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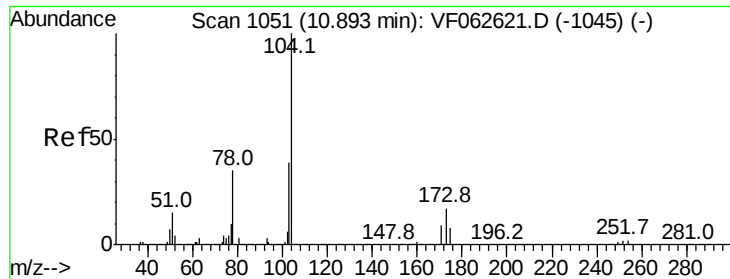
MMDadoda  
5/17/2019 4:20:09 PM



#70  
Styrene  
Concen: 52.812 ug/l  
RT: 10.89 min Scan# 1051  
Delta R.T. 0.00 min  
Lab File: VF062621.D  
Acq: 16 May 2019 12:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 39.9  | 31.9  | 47.9  |
| 103     | 45.1  | 36.1  | 54.1  |





#71

Bromoform

Concen: 50.895 ug/l

RT: 10.89 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VF062621.D

Acq: 16 May 2019 12:01

Instrument :

MSVOA\_F

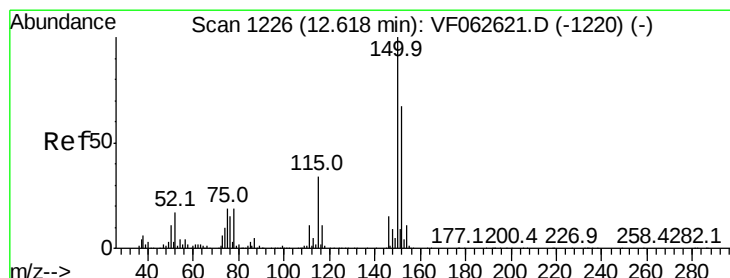
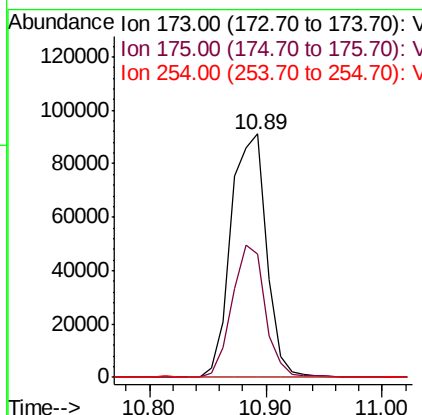
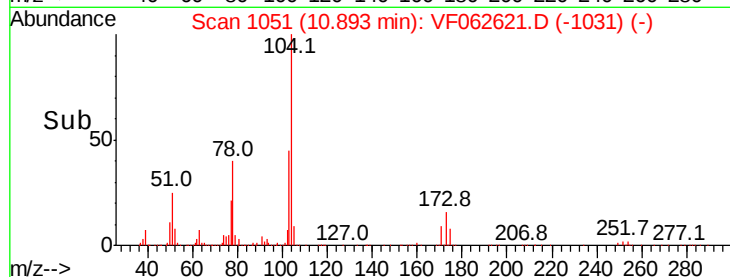
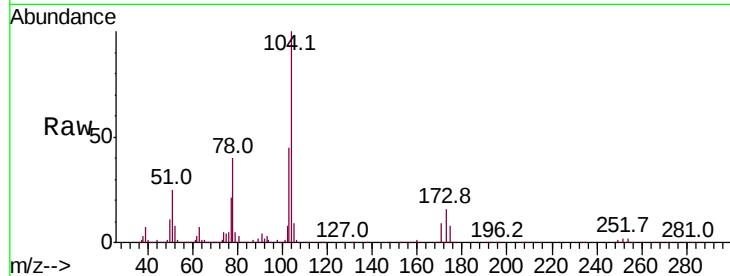
ClientSampleId :

VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 50.6  | 25.3  | 75.9  |
| 254     | 0.2   | 0.2   | 0.2   |

Manual Integrations  
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

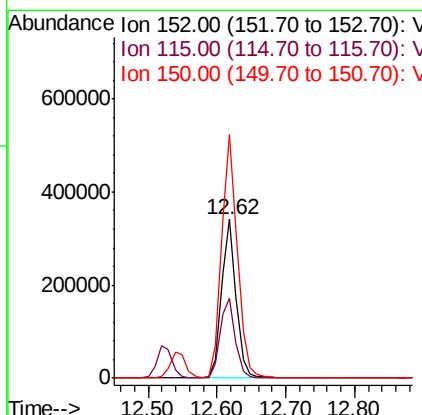
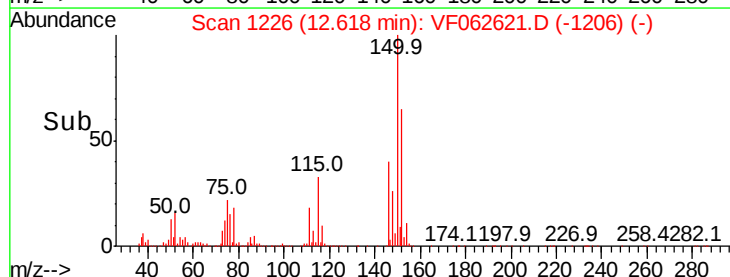
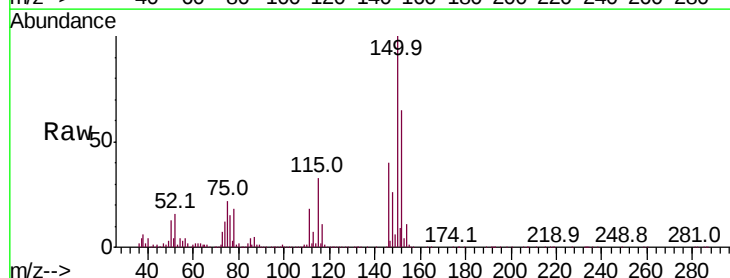
RT: 12.62 min Scan# 1226

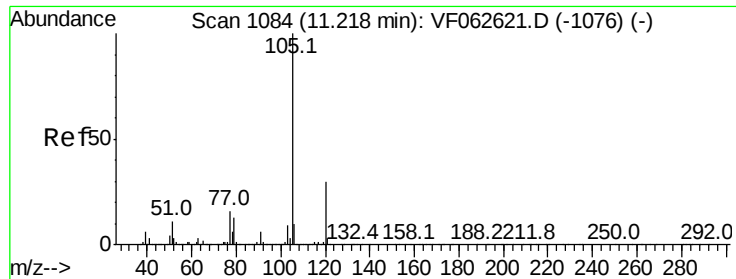
Delta R.T. 0.00 min

Lab File: VF062621.D

Acq: 16 May 2019 12:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 50.4  | 25.2  | 75.6  |
| 150     | 153.1 | 0.0   | 306.2 |





#73

Isopropylbenzene

Concen: 49.490 ug/l

RT: 11.22 min Scan# 1084

Delta R.T. 0.00 min

Lab File: VF062621.D

Acq: 16 May 2019 12:01

Instrument :

MSVOA\_F

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 1775600

Ion Ratio Lower Upper

105 100

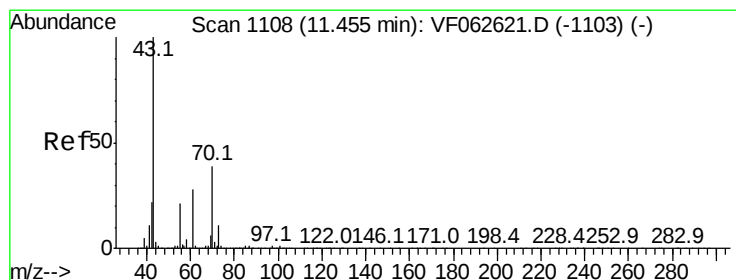
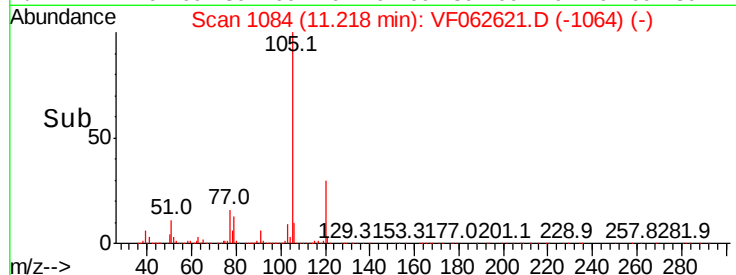
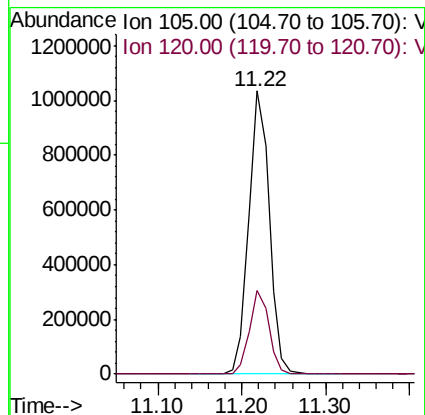
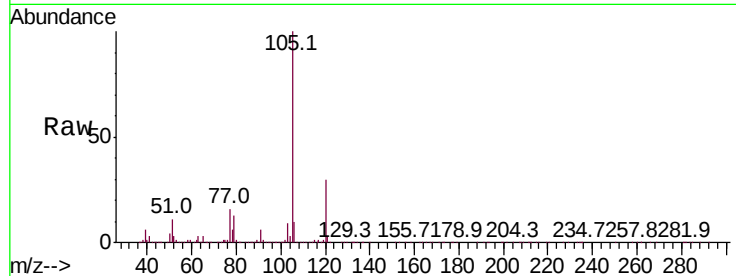
120 29.6 14.8 44.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 42.122 ug/l

RT: 11.45 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VF062621.D

Acq: 16 May 2019 12:01

Tgt Ion: 43 Resp: 466228

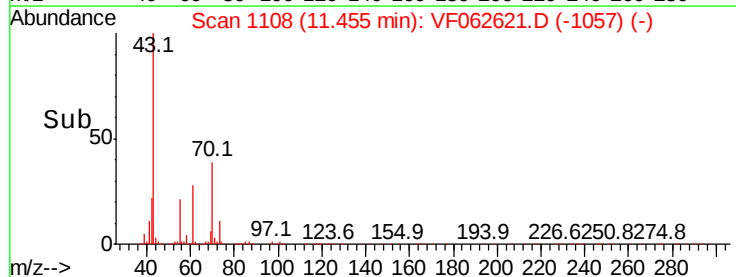
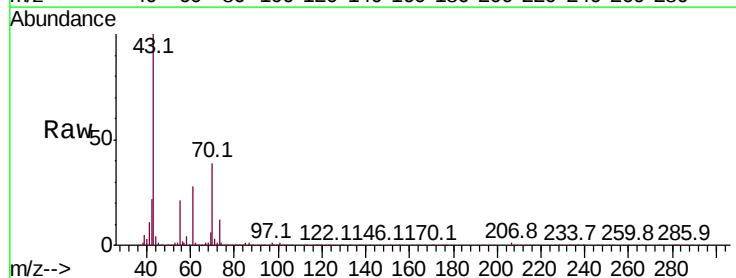
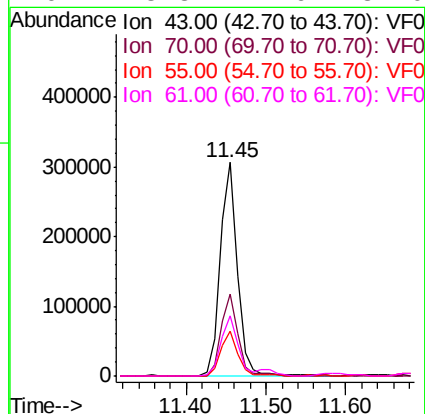
Ion Ratio Lower Upper

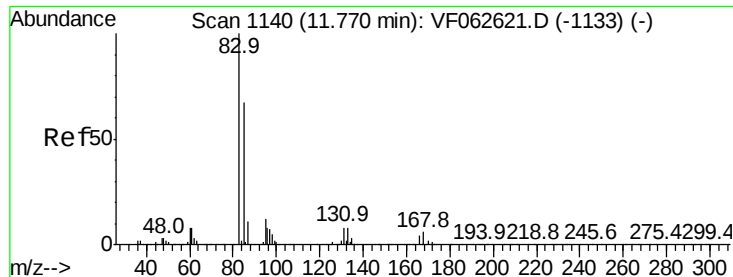
43 100

70 38.6 30.9 46.3

55 21.2 17.0 25.4

61 28.3 22.6 34.0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.807 ug/l

RT: 11.77 min Scan# 1140

Delta R.T. 0.00 min

Lab File: VF062621.D

Acq: 16 May 2019 12:01

Instrument :

MSVOA\_F

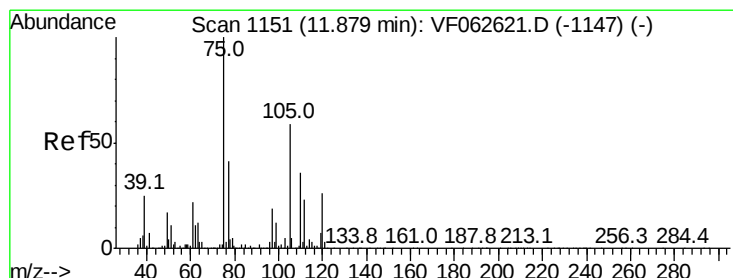
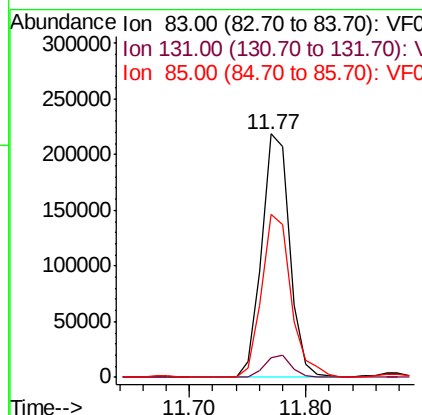
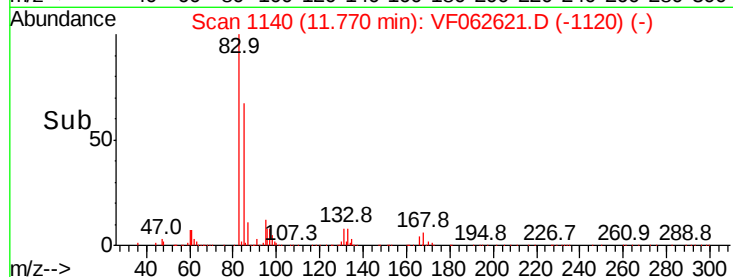
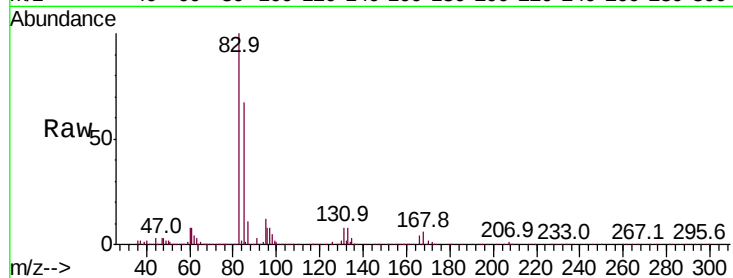
ClientSampleId :

VSTDICCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 365190 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 8.0   | 4.0   | 12.0   |
| 85        | 67.0  | 33.5  | 100.5  |

Manual Integrations  
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#76

1,2,3-Trichloropropane

Concen: 50.622 ug/l

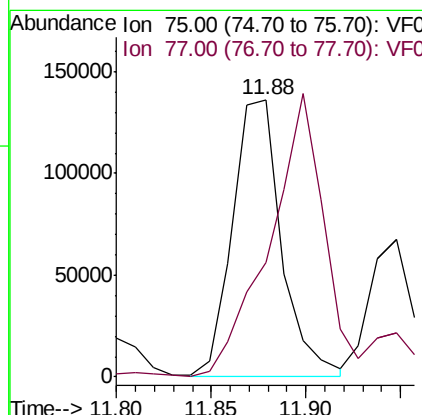
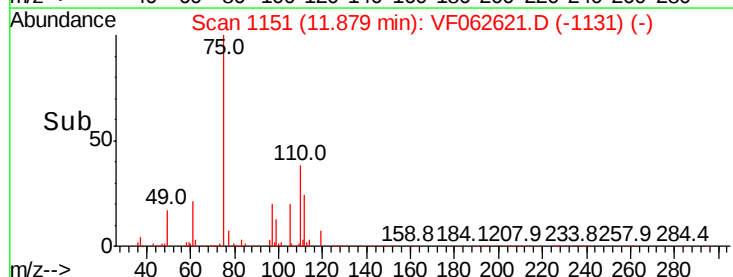
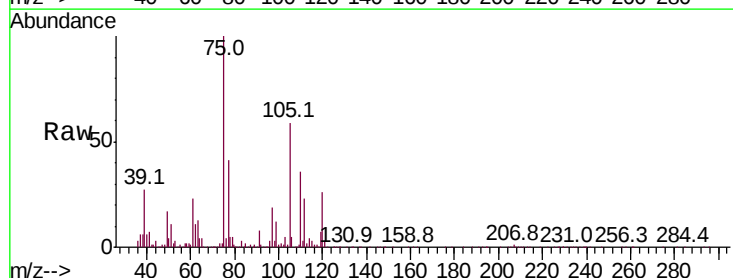
RT: 11.88 min Scan# 1151

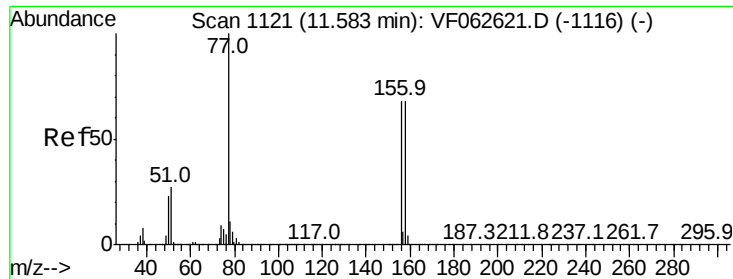
Delta R.T. 0.00 min

Lab File: VF062621.D

Acq: 16 May 2019 12:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 243882 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 41.2  | 20.6  | 61.8   |





#77

Bromobenzene

Concen: 52.152 ug/l

RT: 11.58 min Scan# 1121

Delta R.T. 0.00 min

Lab File: VF062621.D

Acq: 16 May 2019 12:01

Instrument :

MSVOA\_F

ClientSampleId :

VSTDICCC050

Tot Ion: 156 Resp: 465097

Ion Ratio Lower Upper

156 100

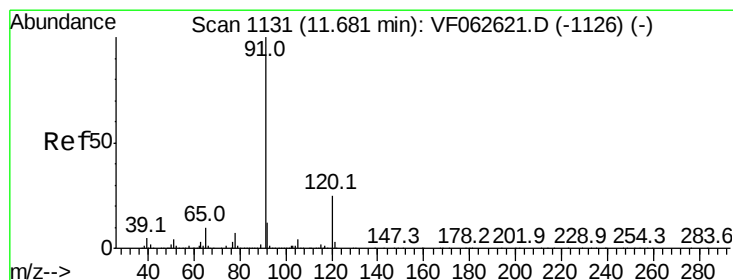
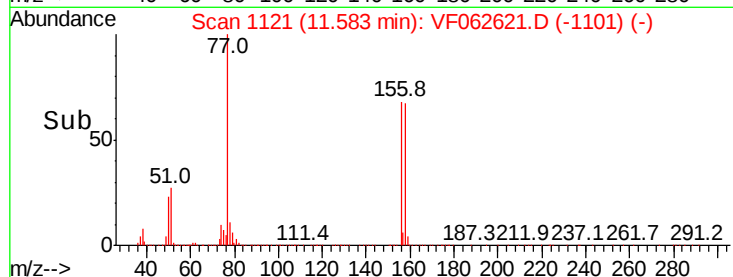
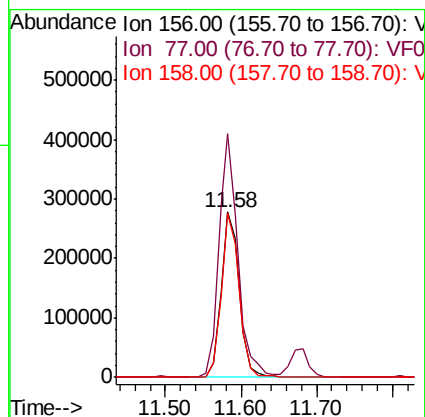
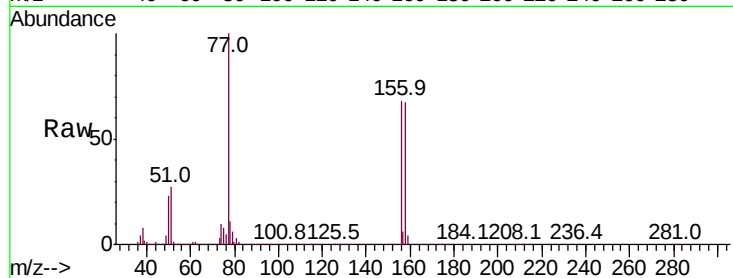
77 147.2 73.6 220.8

158 99.2 49.6 148.8

Manual Integrations  
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#78

n-propylbenzene

Concen: 50.864 ug/l

RT: 11.68 min Scan# 1131

Delta R.T. 0.00 min

Lab File: VF062621.D

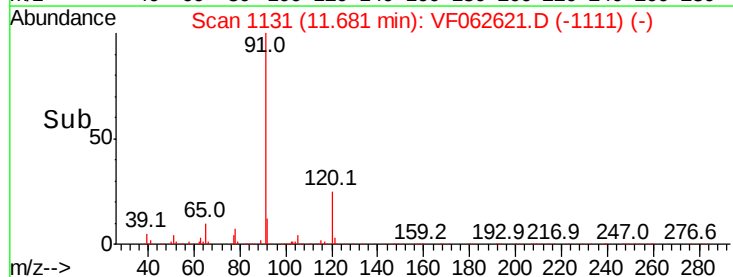
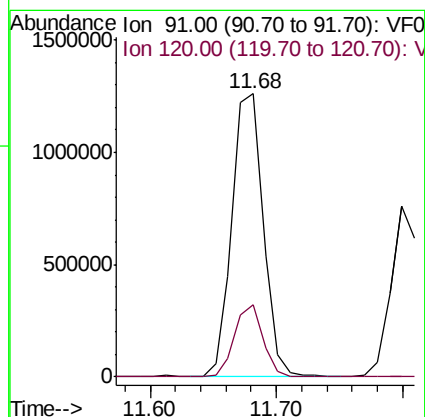
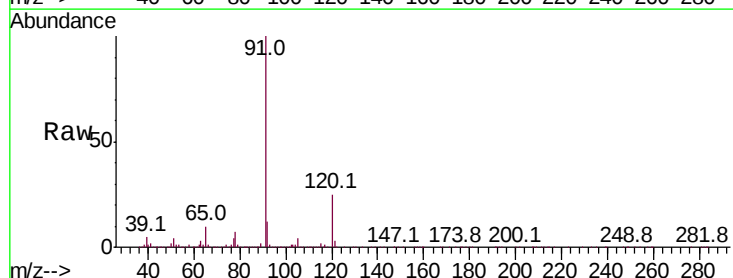
Acq: 16 May 2019 12:01

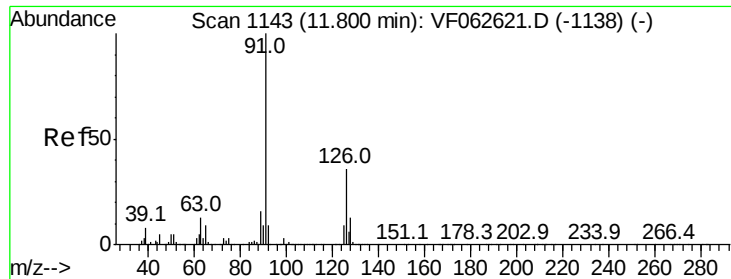
Tgt Ion: 91 Resp: 2159711

Ion Ratio Lower Upper

91 100

120 25.4 12.7 38.1





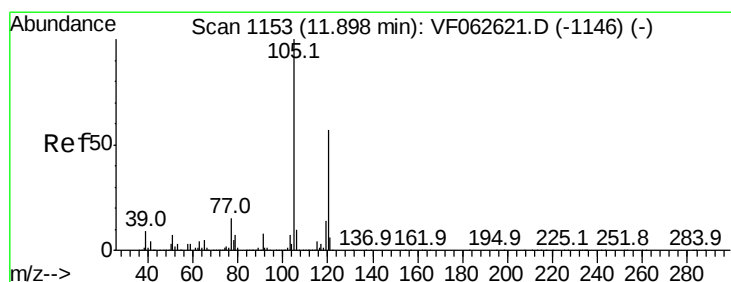
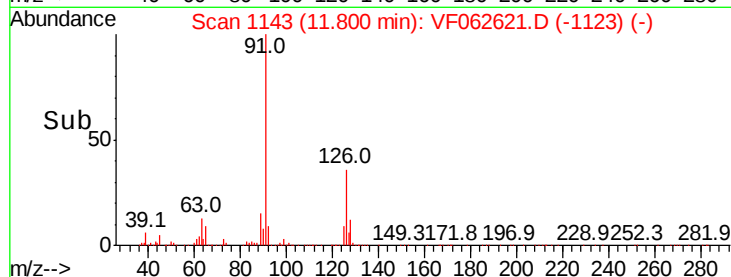
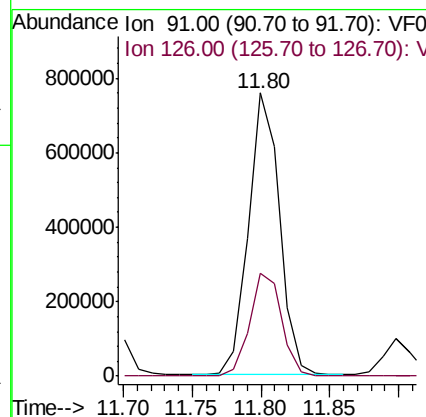
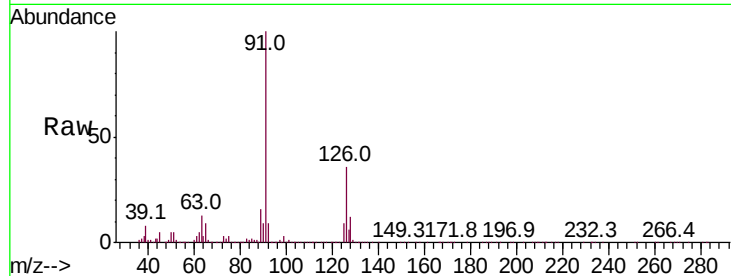
#79  
 2-Chlorotoluene  
 Concen: 49.915 ug/l  
 RT: 11.80 min Scan# 1143  
 Delta R.T. 0.00 min  
 Lab File: VF062621.D  
 Acq: 16 May 2019 12:01

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDICCC050

Tot Ion: 91 Resp: 1194431  
 Ion Ratio Lower Upper  
 91 100  
 126 36.3 18.1 54.4

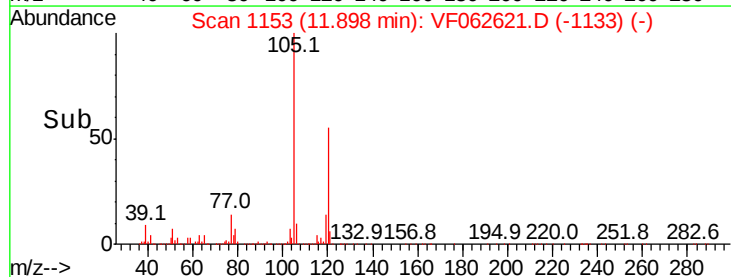
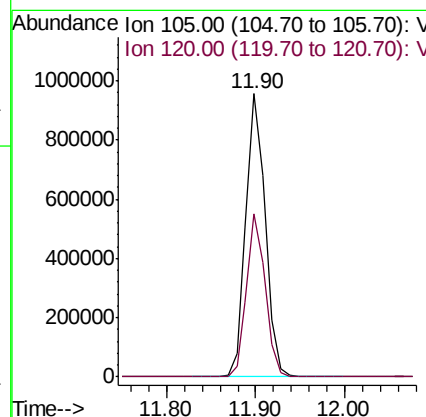
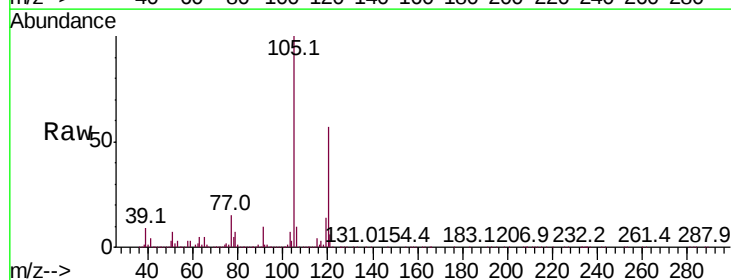
Manual Integrations  
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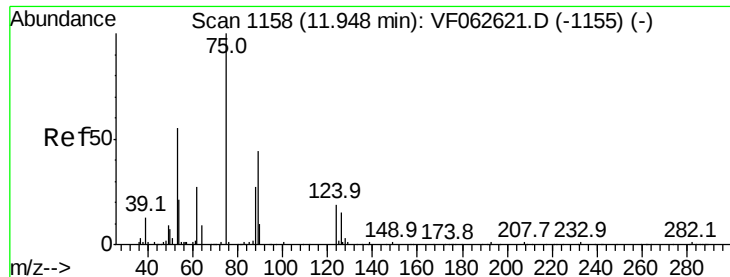
MMDadoda  
 5/17/2019 4:20:09 PM



#80  
 1,3,5-Trimethylbenzene  
 Concen: 50.589 ug/l  
 RT: 11.90 min Scan# 1153  
 Delta R.T. 0.00 min  
 Lab File: VF062621.D  
 Acq: 16 May 2019 12:01

Tgt Ion: 105 Resp: 1455355  
 Ion Ratio Lower Upper  
 105 100  
 120 57.5 28.7 86.3





#81

trans-1,4-Dichloro-2-butene

Concen: 41.537 ug/l m

RT: 11.95 min Scan# 1158

Delta R.T. 0.00 min

Lab File: VF062621.D

Acq: 16 May 2019 12:01

Instrument :

MSVOA\_F

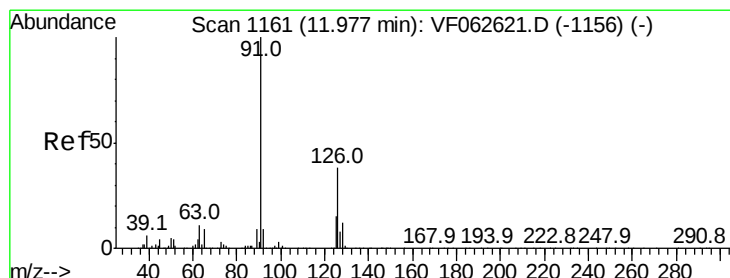
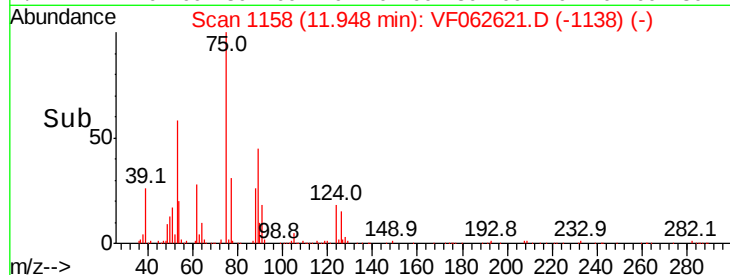
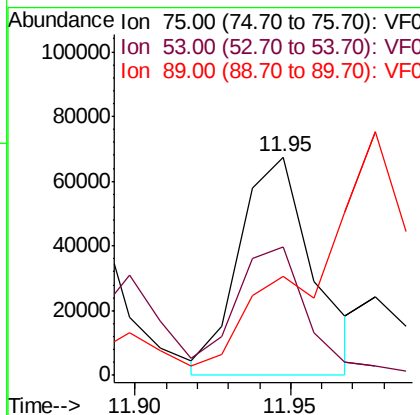
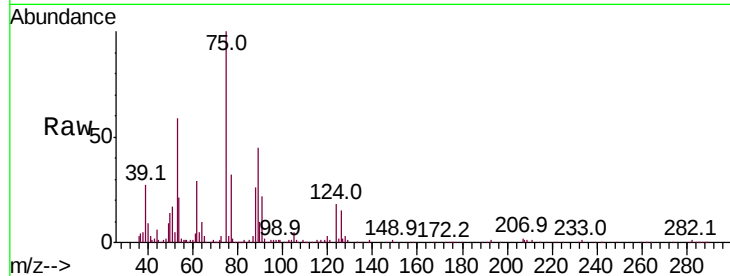
ClientSampleId :

VSTDICCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 75    | Resp: | 111180 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 53       | 58.6  | 46.9  | 70.3   |
| 89       | 45.5  | 36.4  | 54.6   |

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#82

4-Chlorotoluene

Concen: 51.521 ug/l

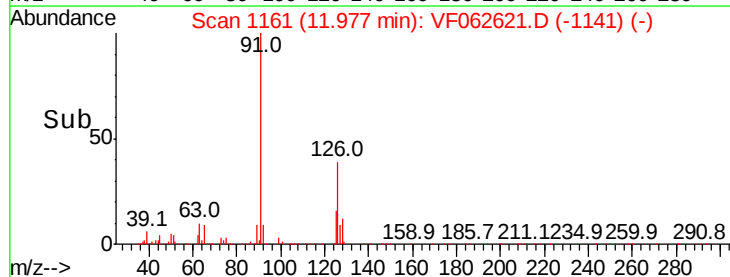
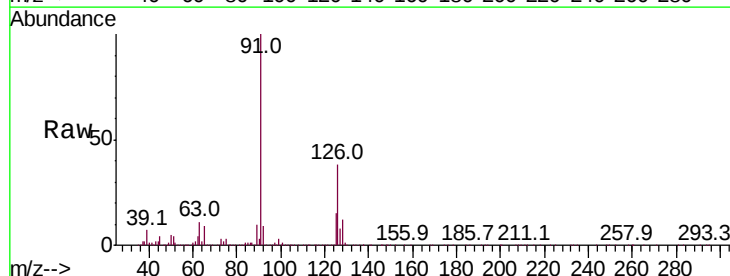
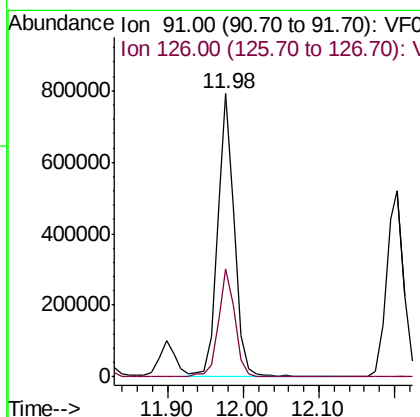
RT: 11.98 min Scan# 1161

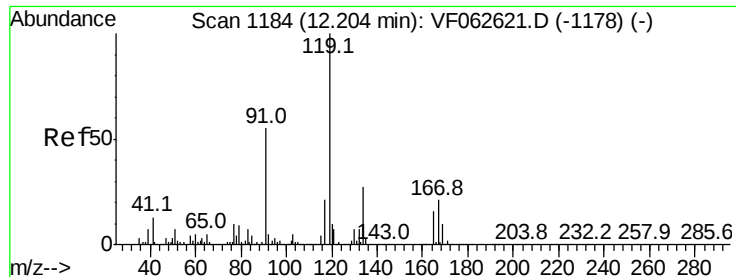
Delta R.T. 0.00 min

Lab File: VF062621.D

Acq: 16 May 2019 12:01

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 91    | Resp: | 1215752 |
| Ion      | Ratio | Lower | Upper   |
| 91       | 100   |       |         |
| 126      | 38.1  | 19.1  | 57.1    |





#83

tert-Butylbenzene

Concen: 51.710 ug/l

RT: 12.20 min Scan# 1184

Delta R.T. 0.00 min

Lab File: VF062621.D

Acq: 16 May 2019 12:01

Instrument :

MSVOA\_F

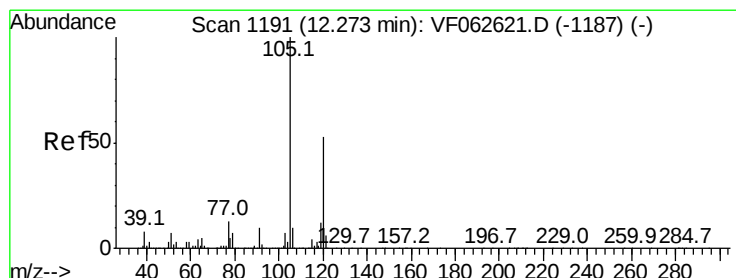
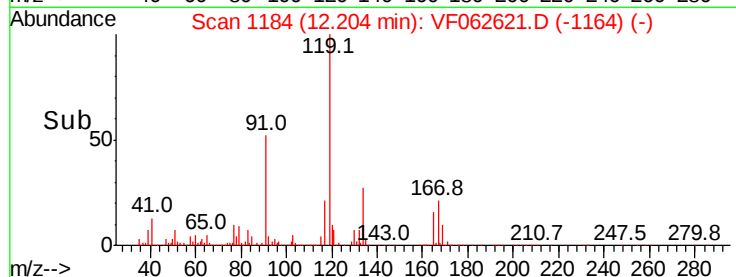
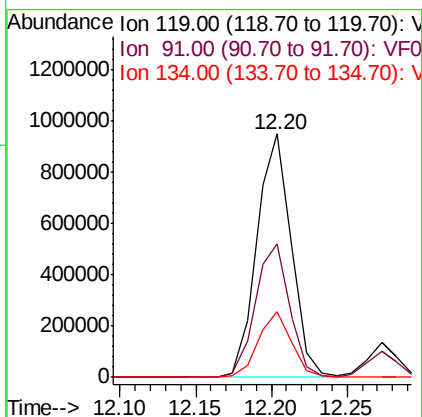
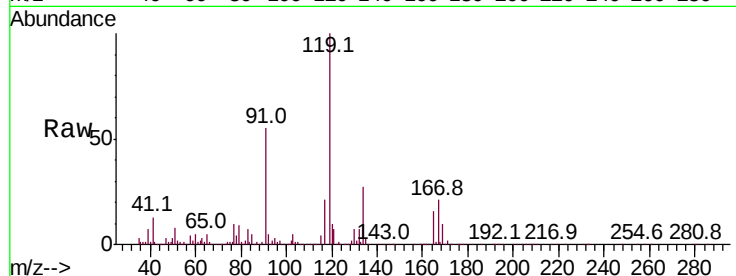
ClientSampleId :

VSTDICCC050

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 119   | Resp: | 1509254 |
| Ion      | Ratio | Lower | Upper   |
| 119      | 100   |       |         |
| 91       | 54.6  | 27.3  | 81.9    |
| 134      | 27.1  | 13.6  | 40.7    |

Manual Integrations  
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#84

1,2,4-Trimethylbenzene

Concen: 50.482 ug/l

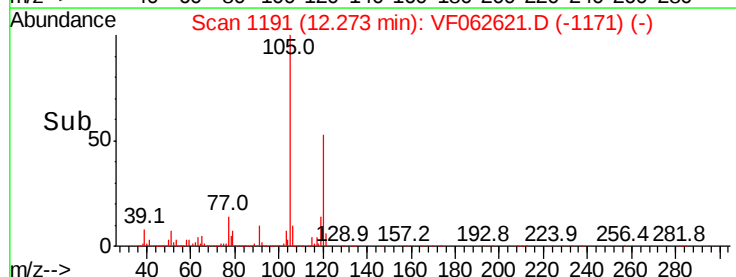
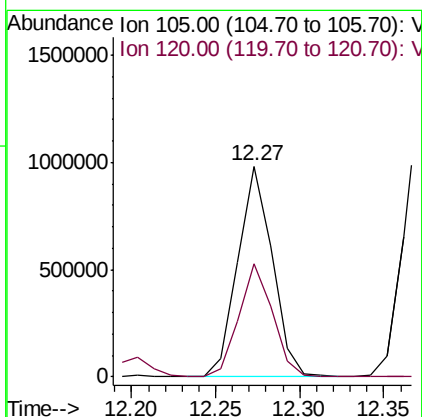
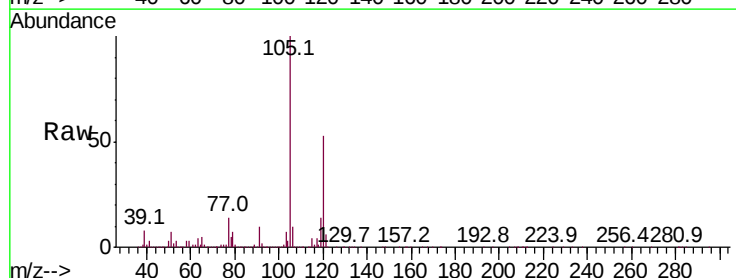
RT: 12.27 min Scan# 1191

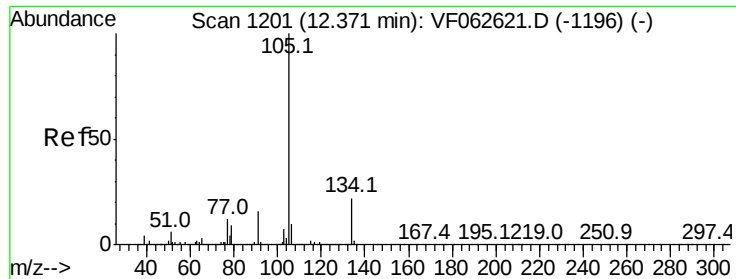
Delta R.T. 0.00 min

Lab File: VF062621.D

Acq: 16 May 2019 12:01

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 105   | Resp: | 1405638 |
| Ion      | Ratio | Lower | Upper   |
| 105      | 100   |       |         |
| 120      | 53.4  | 26.7  | 80.1    |





#85

sec-Butylbenzene

Concen: 50.467 ug/l

RT: 12.37 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VF062621.D

Acq: 16 May 2019 12:01

Instrument :

MSVOA\_F

ClientSampled :

VSTDICCC050

Tot Ion:105 Resp: 1976790

Ion Ratio Lower Upper

105 100

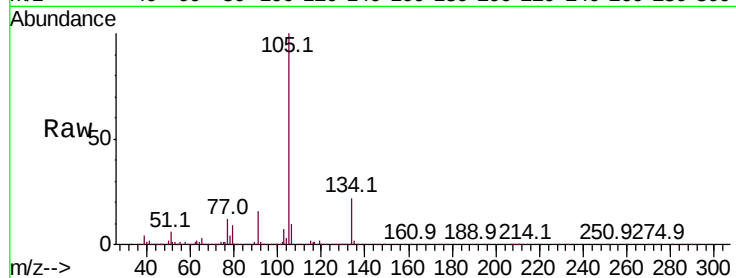
134 21.6 10.8 32.4

Manual Integrations

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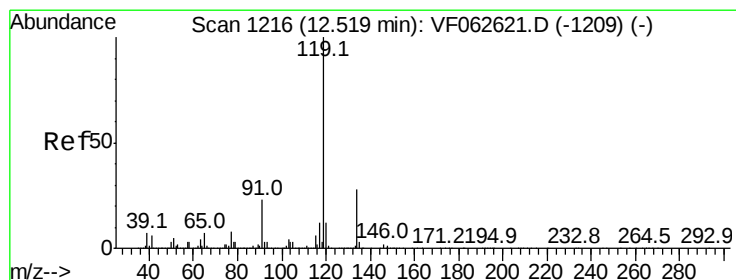
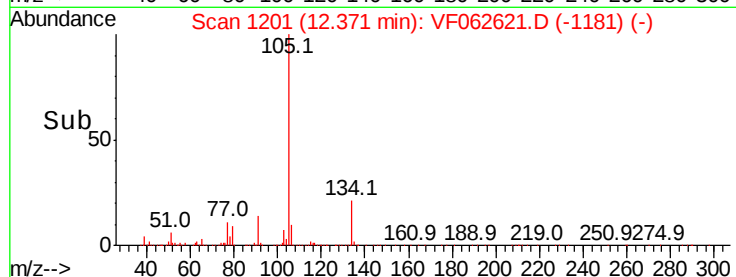
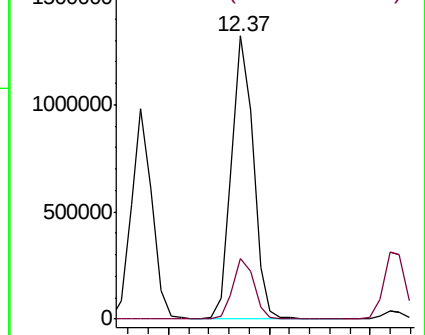
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.383 ug/l

RT: 12.52 min Scan# 1216

Delta R.T. 0.00 min

Lab File: VF062621.D

Acq: 16 May 2019 12:01

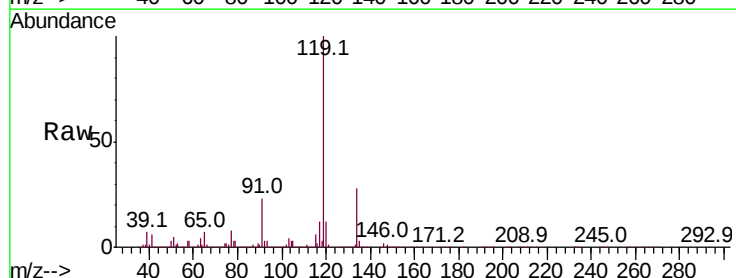
Tgt Ion:119 Resp: 1663168

Ion Ratio Lower Upper

119 100

134 28.2 14.1 42.3

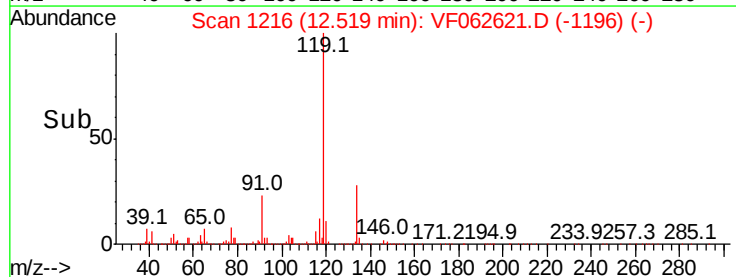
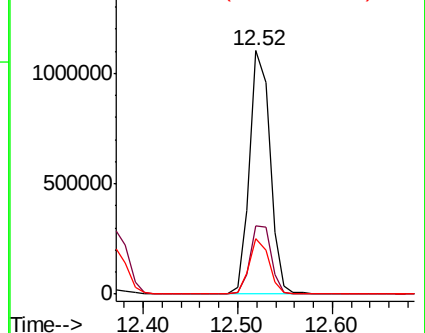
91 22.8 11.4 34.2

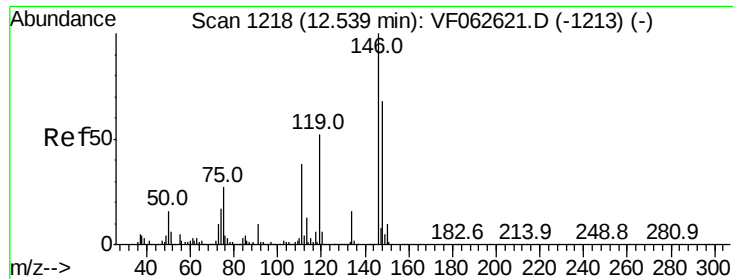


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





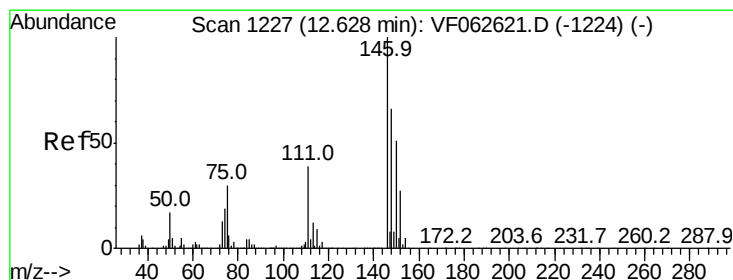
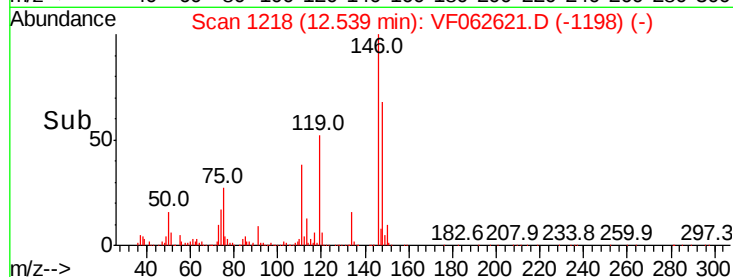
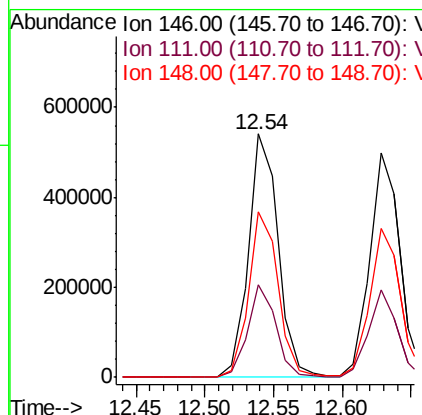
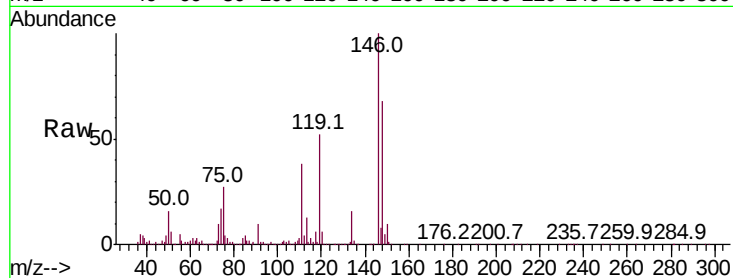
#87  
 1,3-Dichlorobenzene  
 Concen: 50.830 ug/l  
 RT: 12.54 min Scan# 1218  
 Delta R.T. 0.00 min  
 Lab File: VF062621.D  
 Acq: 16 May 2019 12:01

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.9  | 18.9  | 56.9  |
| 148     | 67.9  | 34.0  | 101.8 |

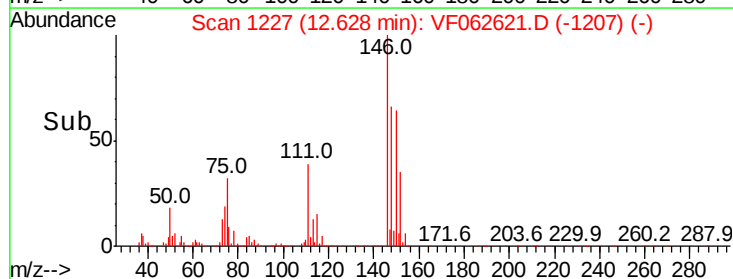
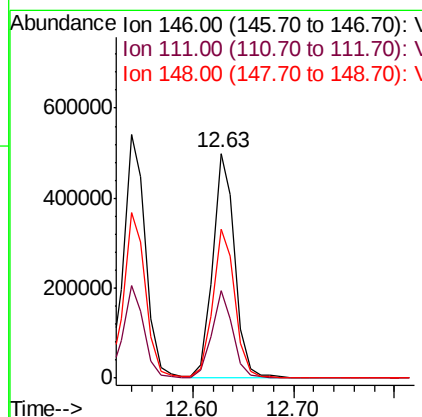
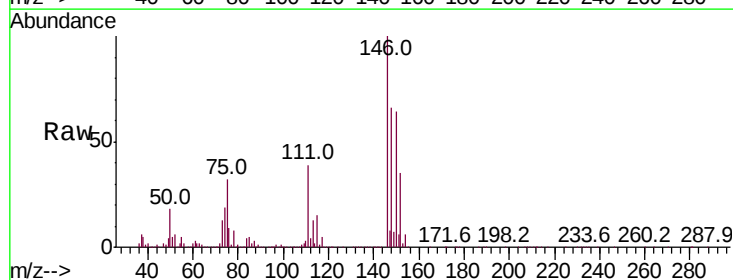
Manual Integrations  
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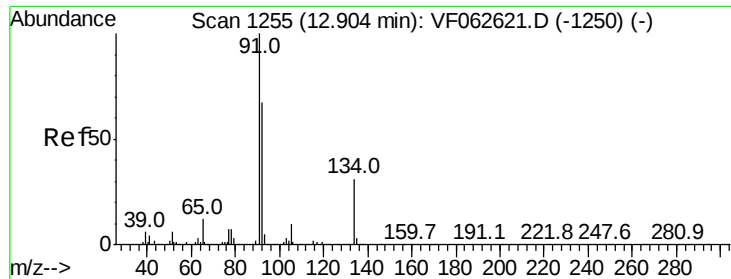
MMDadoda  
 5/17/2019 4:20:09 PM



#88  
 1,4-Dichlorobenzene  
 Concen: 50.510 ug/l  
 RT: 12.63 min Scan# 1227  
 Delta R.T. 0.00 min  
 Lab File: VF062621.D  
 Acq: 16 May 2019 12:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.8  | 19.4  | 58.2  |
| 148     | 66.4  | 33.2  | 99.6  |





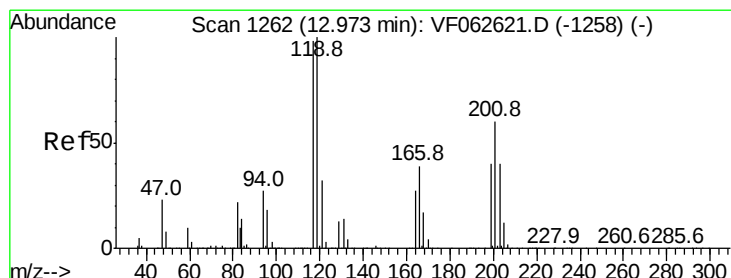
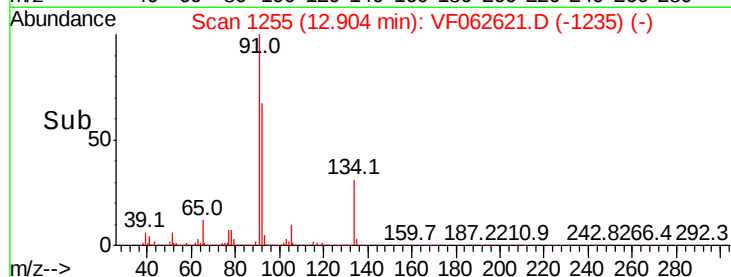
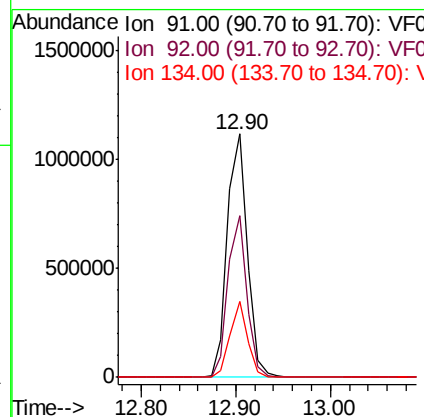
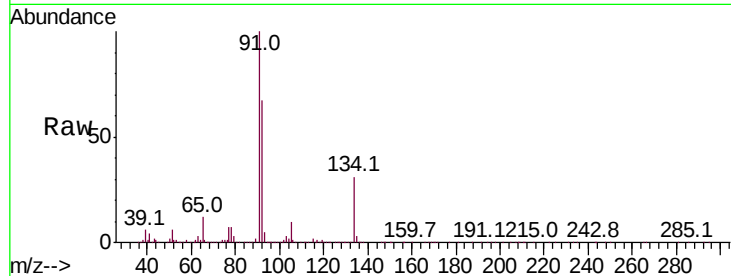
#89  
n-Butylbenzene  
Concen: 50.151 ug/l  
RT: 12.90 min Scan# 1255  
Delta R.T. 0.00 min  
Lab File: VF062621.D  
Acq: 16 May 2019 12:01

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 66.5  | 33.3  | 99.8  |
| 134     | 30.9  | 15.4  | 46.4  |

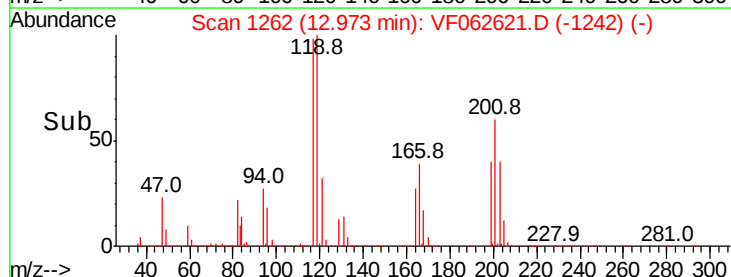
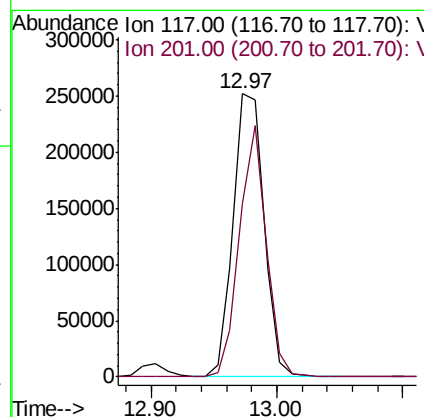
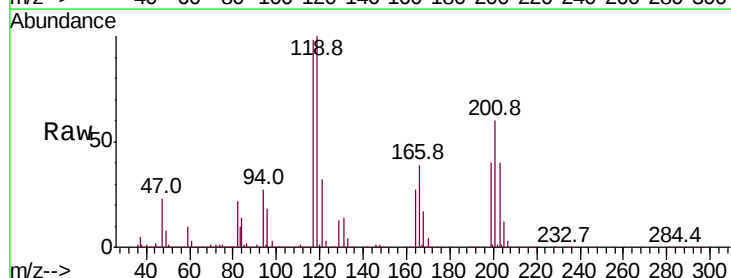
Manual Integrations  
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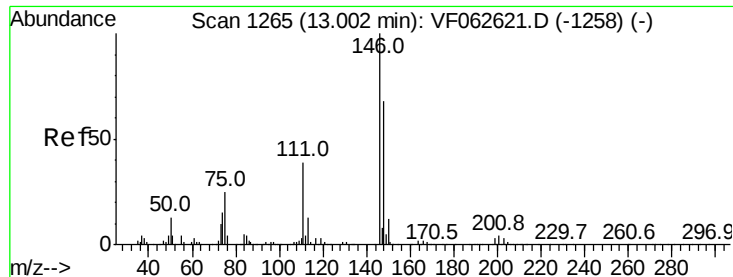
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#90  
Hexachloroethane  
Concen: 53.682 ug/l  
RT: 12.97 min Scan# 1262  
Delta R.T. 0.00 min  
Lab File: VF062621.D  
Acq: 16 May 2019 12:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 61.4  | 30.7  | 92.1  |





#91

1,2-Dichlorobenzene

Concen: 50.720 ug/l

RT: 13.00 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VF062621.D

Acq: 16 May 2019 12:01

Instrument :

MSVOA\_F

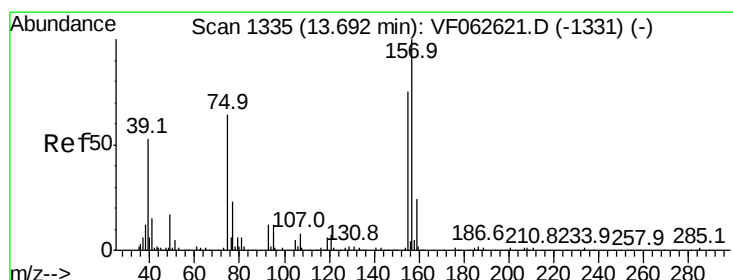
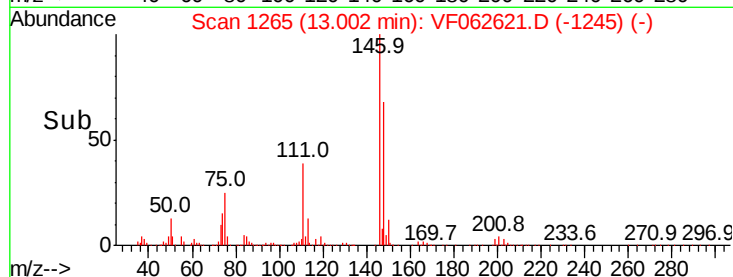
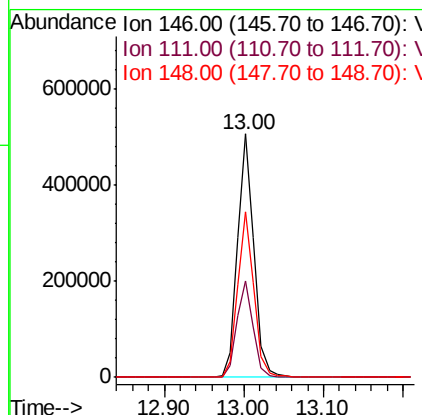
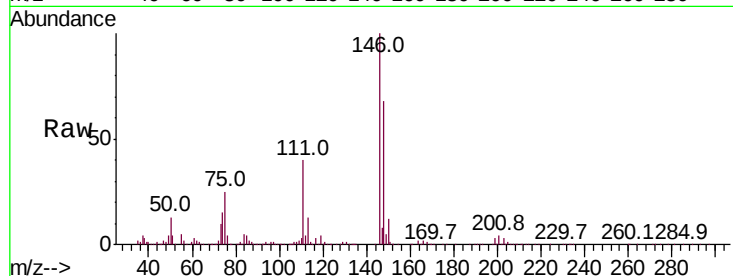
ClientSampleId :

VSTDICCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 729472 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 39.5  | 19.8  | 59.3   |
| 148       | 68.1  | 34.1  | 102.2  |

Manual Integrations  
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#92

1,2-Dibromo-3-Chloropropane

Concen: 49.959 ug/l

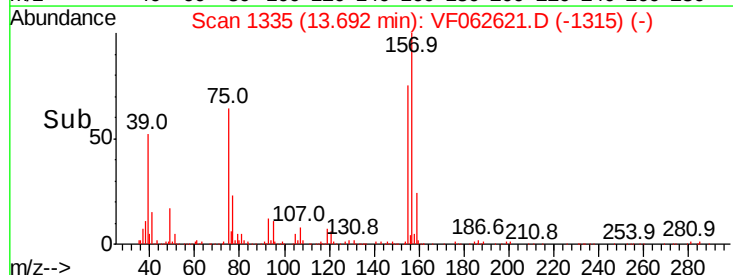
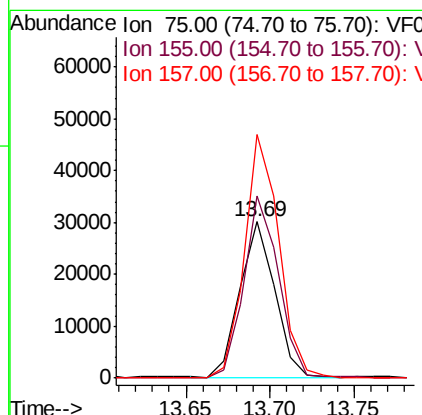
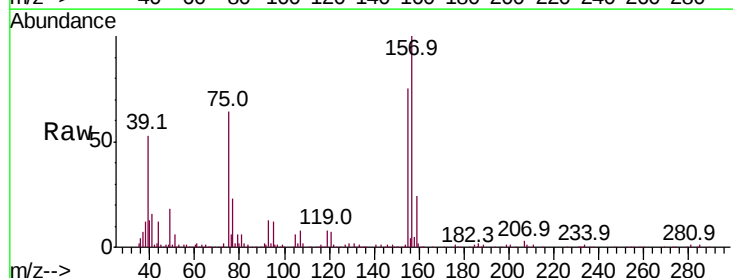
RT: 13.69 min Scan# 1335

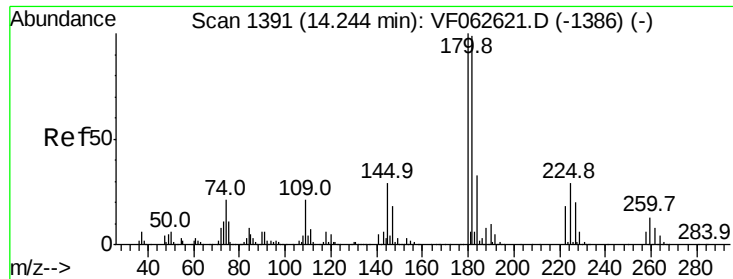
Delta R.T. 0.00 min

Lab File: VF062621.D

Acq: 16 May 2019 12:01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 43699 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 116.2 | 58.1  | 174.3 |
| 157       | 155.6 | 77.8  | 233.4 |





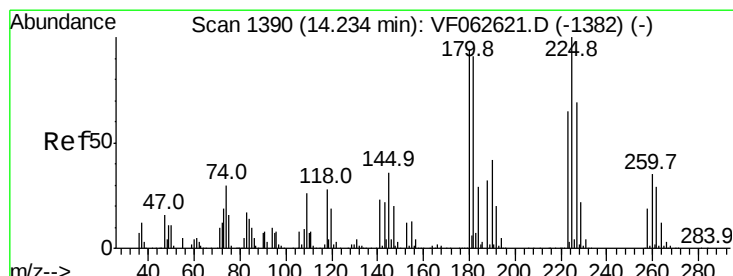
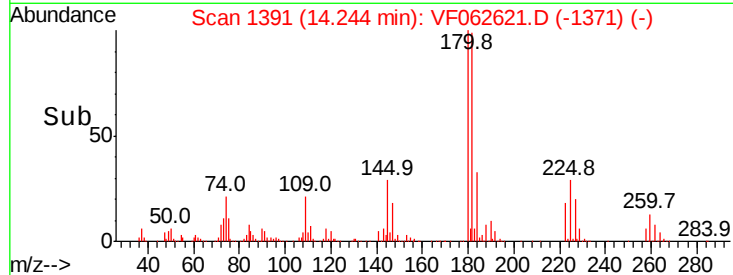
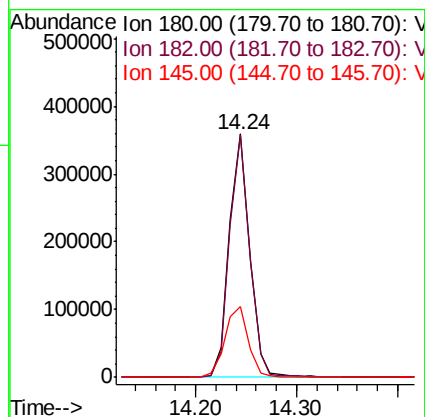
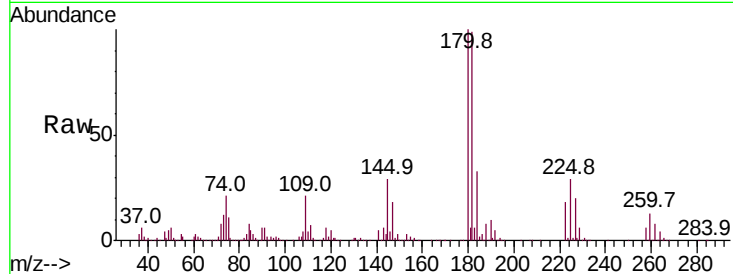
#93  
 1,2,4-Trichlorobenzene  
 Concen: 49.554 ug/l  
 RT: 14.24 min Scan# 1391  
 Delta R.T. 0.00 min  
 Lab File: VF062621.D  
 Acq: 16 May 2019 12:01

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 510148 |       |       |
| 182     | 99.4  | 49.7   | 149.1 |       |
| 145     | 29.3  | 14.6   | 44.0  |       |

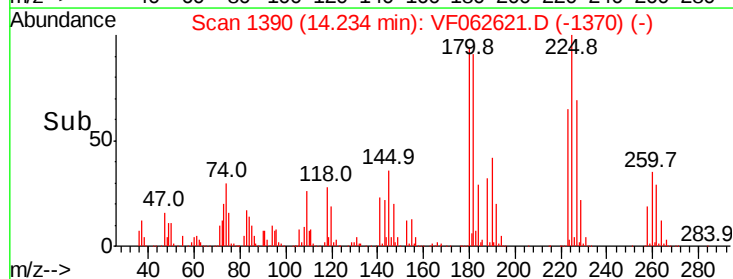
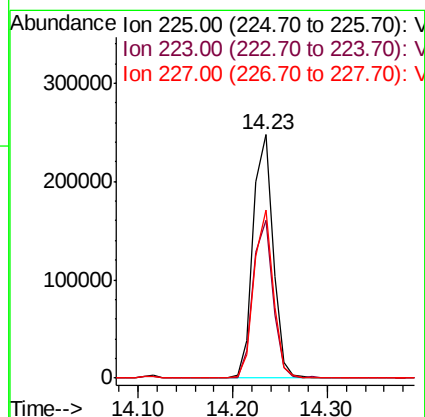
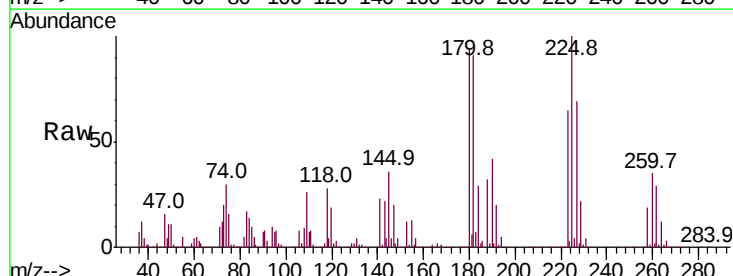
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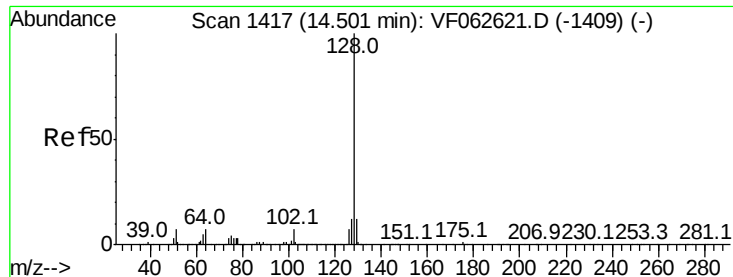
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#94  
 Hexachlorobutadiene  
 Concen: 50.493 ug/l  
 RT: 14.23 min Scan# 1390  
 Delta R.T. 0.00 min  
 Lab File: VF062621.D  
 Acq: 16 May 2019 12:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 362766 |       |       |
| 223     | 64.9  | 32.5   | 97.4  |       |
| 227     | 69.0  | 34.5   | 103.5 |       |





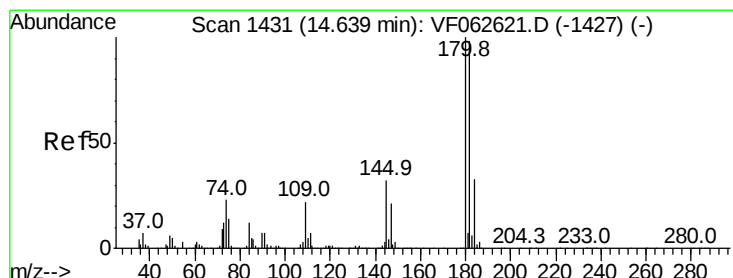
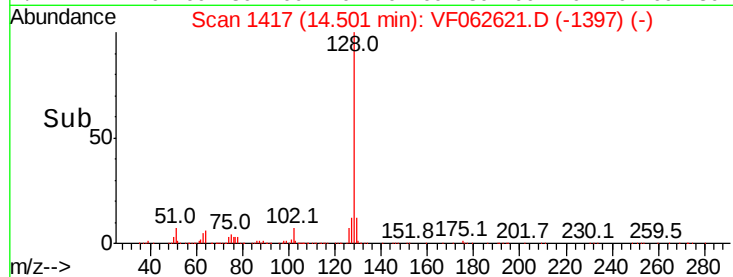
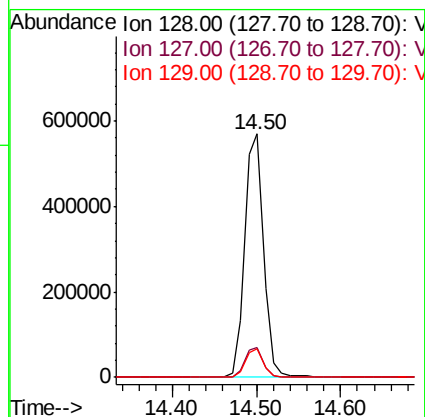
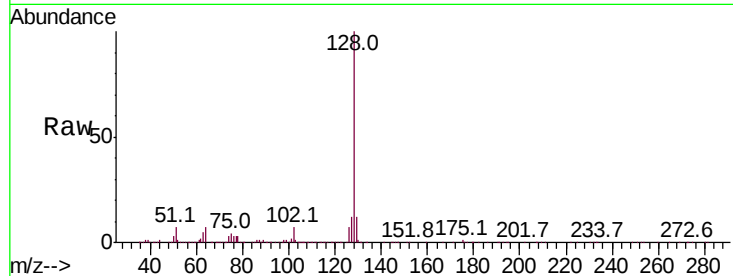
#95  
Naphthalene  
Concen: 47.549 ug/l  
RT: 14.50 min Scan# 1417  
Delta R.T. 0.00 min  
Lab File: VF062621.D  
Acq: 16 May 2019 12:01

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDICCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 889305 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 12.1  | 9.7   | 14.5   |
| 129       | 11.6  | 9.3   | 13.9   |

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 50.745 ug/l  
RT: 14.64 min Scan# 1431  
Delta R.T. 0.00 min  
Lab File: VF062621.D  
Acq: 16 May 2019 12:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 494832 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 97.8  | 48.9  | 146.7  |
| 145       | 32.1  | 16.1  | 48.2   |

