

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060520\  
 Data File : VX016598.D  
 Acq On : 05 Jun 2020 09:46  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 6/8/2020 4:55:37 PM

Quant Time: Jun 06 06:07:51 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X052720W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 27 16:31:05 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.62  | 168  | 242790   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.83  | 114  | 356614   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 328581   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 168961   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 6.03   | 65  | 141086   | 46.79 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 93.58%  |      |
| 35) Dibromofluoromethane    | 5.46   | 113 | 114312   | 52.06 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 104.12% |      |
| 50) Toluene-d8              | 8.70   | 98  | 433950   | 50.77 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 101.54% |      |
| 62) 4-Bromofluorobenzene    | 11.12  | 95  | 165321   | 50.06 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 100.12% |      |

| Target Compounds              |      |     |         |         |        | Qvalue |
|-------------------------------|------|-----|---------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.18 | 85  | 113304  | 47.421  | ug/l   | 99     |
| 3) Chloromethane              | 1.31 | 50  | 119782  | 41.485  | ug/l   | 98     |
| 4) Vinyl Chloride             | 1.39 | 62  | 135569  | 44.398  | ug/l   | 100    |
| 5) Bromomethane               | 1.62 | 94  | 65647   | 44.216  | ug/l   | 98     |
| 6) Chloroethane               | 1.70 | 64  | 83899   | 47.102  | ug/l   | 98     |
| 7) Trichlorofluoromethane     | 1.91 | 101 | 206575  | 51.513  | ug/l   | 99     |
| 8) Diethyl Ether              | 2.17 | 74  | 77339   | 46.251  | ug/l   | 94     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.36 | 101 | 111924  | 50.712  | ug/l   | 97     |
| 10) Methyl Iodide             | 2.49 | 142 | 111688  | 42.824  | ug/l   | 100    |
| 11) Tert butyl alcohol        | 3.01 | 59  | 161252  | 208.558 | ug/l   | 100    |
| 12) 1,1-Dichloroethene        | 2.35 | 96  | 111428  | 47.697  | ug/l   | 97     |
| 13) Acrolein                  | 2.27 | 56  | 101245  | 307.830 | ug/l   | 98     |
| 14) Allyl chloride            | 2.70 | 41  | 183835  | 42.789  | ug/l   | 97     |
| 15) Acrylonitrile             | 3.11 | 53  | 346250  | 218.620 | ug/l   | 99     |
| 16) Acetone                   | 2.42 | 43  | 300254  | 227.293 | ug/l   | 99     |
| 17) Carbon Disulfide          | 2.54 | 76  | 300614  | 43.331  | ug/l   | 99     |
| 18) Methyl Acetate            | 2.75 | 43  | 152775  | 45.091  | ug/l   | 96     |
| 19) Methyl tert-butyl Ether   | 3.16 | 73  | 403263  | 48.071  | ug/l   | 97     |
| 20) Methylene Chloride        | 2.83 | 84  | 128069  | 46.859  | ug/l   | 95     |
| 21) trans-1,2-Dichloroethene  | 3.14 | 96  | 122885  | 47.555  | ug/l   | 95     |
| 22) Diisopropyl ether         | 3.82 | 45  | 364100  | 44.115  | ug/l   | 96     |
| 23) Vinyl Acetate             | 3.78 | 43  | 1597122 | 221.078 | ug/l   | 98     |
| 24) 1,1-Dichloroethane        | 3.67 | 63  | 217191  | 46.624  | ug/l   | 99     |
| 25) 2-Butanone                | 4.63 | 43  | 462458  | 206.604 | ug/l   | 94     |
| 26) 2,2-Dichloropropane       | 4.54 | 77  | 206565  | 54.190  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 4.56 | 96  | 138188  | 46.226  | ug/l   | 99     |
| 28) Bromochloromethane        | 4.97 | 49  | 93552   | 43.216  | ug/l # | 12     |
| 29) Tetrahydrofuran           | 5.08 | 42  | 298838  | 206.651 | ug/l   | 94     |
| 30) Chloroform                | 5.17 | 83  | 225809  | 48.108  | ug/l   | 99     |
| 31) Cyclohexane               | 5.54 | 56  | 179647  | 42.867  | ug/l   | 96     |
| 32) 1,1,1-Trichloroethane     | 5.46 | 97  | 210312  | 49.492  | ug/l   | 98     |
| 36) 1,1-Dichloropropene       | 5.76 | 75  | 165859  | 49.122  | ug/l   | 98     |
| 37) Ethyl Acetate             | 4.79 | 43  | 174758  | 43.110  | ug/l   | 97     |
| 38) Carbon Tetrachloride      | 5.75 | 117 | 189825  | 53.497  | ug/l   | 97     |

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 Data File : VX016598.D  
 Acq On : 05 Jun 2020 09:46  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 6/8/2020 4:55:37 PM

Quant Time: Jun 06 06:07:51 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X052720W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 27 16:31:05 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 39) Methylcyclohexane          | 7.44  | 83   | 184198   | 50.226  | ug/l  | 96       |
| 40) Benzene                    | 6.11  | 78   | 496291   | 49.358  | ug/l  | 100      |
| 41) Methacrylonitrile          | 5.00  | 41   | 96088    | 43.154  | ug/l  | 96       |
| 42) 1,2-Dichloroethane         | 6.16  | 62   | 180102   | 50.367  | ug/l  | 99       |
| 43) Isopropyl Acetate          | 6.41  | 43   | 283478   | 44.832  | ug/l  | 98       |
| 44) Trichloroethene            | 7.18  | 130  | 159091   | 49.868  | ug/l  | 96       |
| 45) 1,2-Dichloropropane        | 7.49  | 63   | 124586   | 48.671  | ug/l  | 98       |
| 46) Dibromomethane             | 7.63  | 93   | 85520    | 49.741  | ug/l  | 97       |
| 47) Bromodichloromethane       | 7.87  | 83   | 186056   | 52.263  | ug/l  | 98       |
| 48) Methyl methacrylate        | 7.74  | 41   | 138499   | 45.747  | ug/l  | 97       |
| 49) 1,4-Dioxane                | 7.71  | 88   | 66887    | 944.052 | ug/l  | 97       |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 900768   | 228.788 | ug/l  | 98       |
| 52) Toluene                    | 8.76  | 92   | 322001   | 50.784  | ug/l  | 100      |
| 53) t-1,3-Dichloropropene      | 9.02  | 75   | 209206   | 51.681  | ug/l  | 99       |
| 54) cis-1,3-Dichloropropene    | 8.42  | 75   | 218838   | 51.074  | ug/l  | 98       |
| 55) 1,1,2-Trichloroethane      | 9.20  | 97   | 131474   | 52.151  | ug/l  | 95       |
| 56) Ethyl methacrylate         | 9.16  | 69   | 198129   | 48.256  | ug/l  | 99       |
| 57) 1,3-Dichloropropane        | 9.35  | 76   | 217824   | 50.338  | ug/l  | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.29  | 63   | 530394   | 247.494 | ug/l  | 96       |
| 59) 2-Hexanone                 | 9.47  | 43   | 707248   | 230.995 | ug/l  | 97       |
| 60) Dibromochloromethane       | 9.56  | 129  | 152414   | 53.723  | ug/l  | 100      |
| 61) 1,2-Dibromoethane          | 9.65  | 107  | 138463   | 51.289  | ug/l  | 99       |
| 64) Tetrachloroethene          | 9.32  | 164  | 188035   | 51.150  | ug/l  | 99       |
| 65) Chlorobenzene              | 10.12 | 112  | 347033   | 51.805  | ug/l  | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.20 | 131  | 136970   | 53.564  | ug/l  | 99       |
| 67) Ethyl Benzene              | 10.23 | 91   | 615288   | 51.589  | ug/l  | 100      |
| 68) m/p-Xylenes                | 10.34 | 106  | 465168   | 105.191 | ug/l  | 98       |
| 69) o-Xylene                   | 10.68 | 106  | 223289   | 52.138  | ug/l  | 97       |
| 70) Styrene                    | 10.70 | 104  | 395978   | 53.792  | ug/l  | 100      |
| 71) Bromoform                  | 10.84 | 173  | 119941   | 55.499  | ug/l  | 99       |
| 73) Isopropylbenzene           | 11.00 | 105  | 604147   | 51.606  | ug/l  | 100      |
| 74) N-amyl acetate             | 10.88 | 43   | 242091   | 44.957  | ug/l  | 96       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.25 | 83   | 148023   | 50.451  | ug/l  | 99       |
| 76) 1,2,3-Trichloropropane     | 11.28 | 75   | 184415m  | 49.656  | ug/l  |          |
| 77) Bromobenzene               | 11.24 | 156  | 156439   | 50.949  | ug/l  | 96       |
| 78) n-propylbenzene            | 11.34 | 91   | 671140   | 51.313  | ug/l  | 99       |
| 79) 2-Chlorotoluene            | 11.40 | 91   | 410259   | 51.388  | ug/l  | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 514103   | 52.593  | ug/l  | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.05 | 75   | 74410    | 49.285  | ug/l  | 96       |
| 82) 4-Chlorotoluene            | 11.49 | 91   | 482609   | 51.191  | ug/l  | 99       |
| 83) tert-Butylbenzene          | 11.76 | 119  | 441423   | 52.850  | ug/l  | 100      |
| 84) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 520677   | 52.669  | ug/l  | 100      |
| 85) sec-Butylbenzene           | 11.93 | 105  | 552259   | 52.707  | ug/l  | 100      |
| 86) p-Isopropyltoluene         | 12.05 | 119  | 530666   | 54.067  | ug/l  | 99       |
| 87) 1,3-Dichlorobenzene        | 12.01 | 146  | 278292   | 52.314  | ug/l  | 99       |
| 88) 1,4-Dichlorobenzene        | 12.08 | 146  | 277652   | 51.033  | ug/l  | 99       |
| 89) n-Butylbenzene             | 12.37 | 91   | 439859   | 53.804  | ug/l  | 99       |
| 90) Hexachloroethane           | 12.58 | 117  | 90923    | 53.631  | ug/l  | 97       |
| 91) 1,2-Dichlorobenzene        | 12.38 | 146  | 264598   | 51.340  | ug/l  | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75   | 44556    | 46.884  | ug/l  | 98       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060520\  
Data File : VX016598.D  
Acq On : 05 Jun 2020 09:46  
Operator : JC/SP  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

MMDadoda  
6/8/2020 4:55:37 PM

Quant Time: Jun 06 06:07:51 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X052720W.M  
Quant Title : SW846 8260  
QLast Update : Wed May 27 16:31:05 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.63 | 180  | 181127   | 52.916 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.77 | 225  | 83226    | 61.928 | ug/l  | 98       |
| 95) Naphthalene            | 13.82 | 128  | 609764   | 51.965 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.01 | 180  | 181974   | 54.266 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 242790

Ion Ratio Lower Upper

168 100

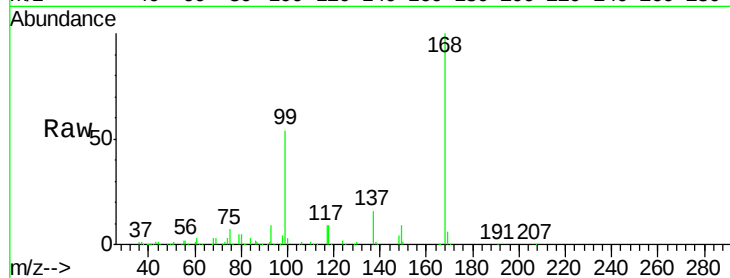
99 54.0 45.2 67.8

Manual Integrations

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6/8/2020 4:55:37 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

80000

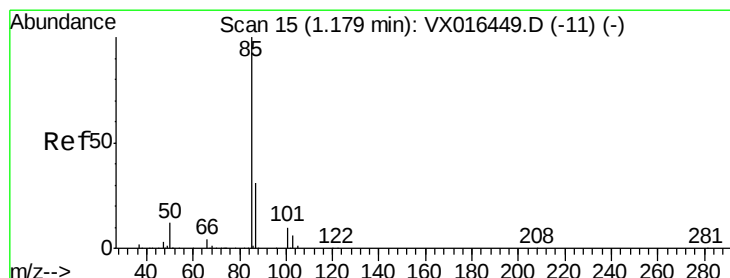
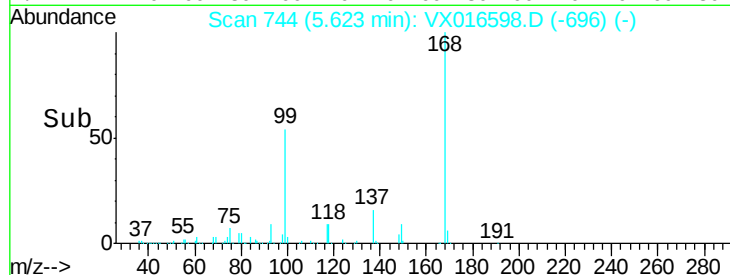
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.421 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.00 min

Lab File: VX016598.D

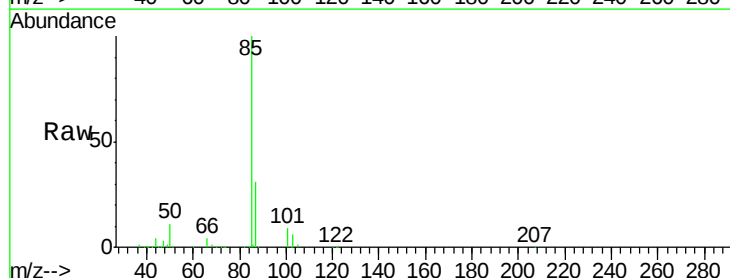
Acq: 05 Jun 2020 09:46

Tgt Ion: 85 Resp: 113304

Ion Ratio Lower Upper

85 100

87 31.4 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

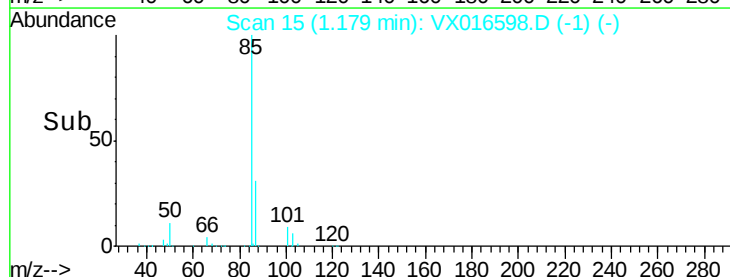
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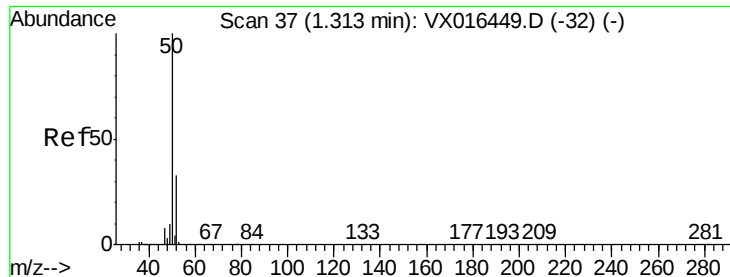
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50000

0

Time-->





#3

Chloromethane

Concen: 41.485 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 119782

Ion Ratio Lower Upper

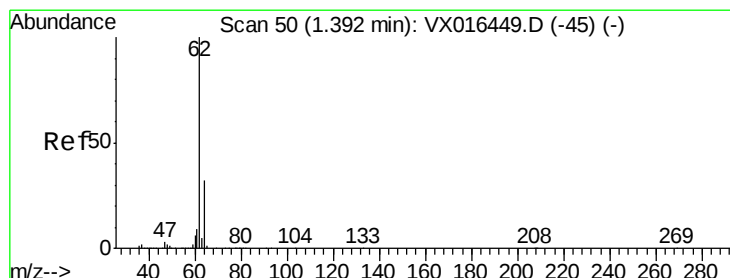
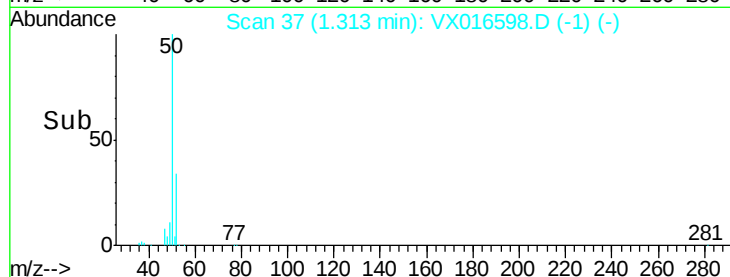
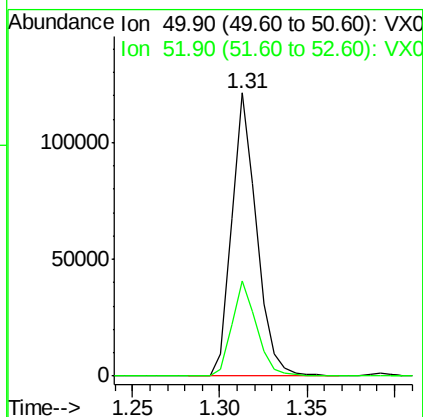
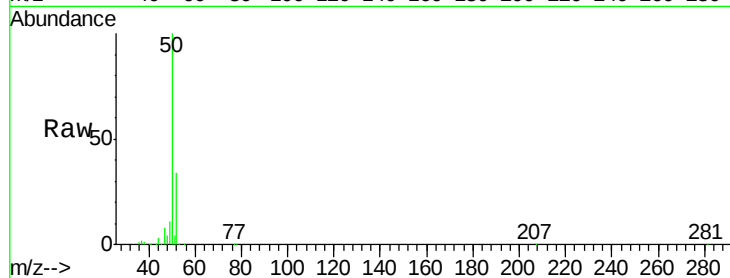
50 100

52 33.9 26.2 39.2

Manual Integrations  
APPROVED

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6/8/2020 4:55:37 PM



#4

Vinyl Chloride

Concen: 44.398 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016598.D

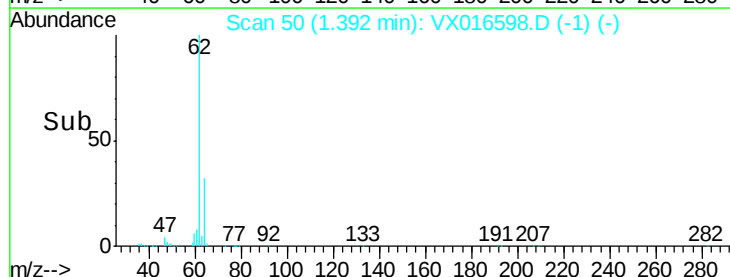
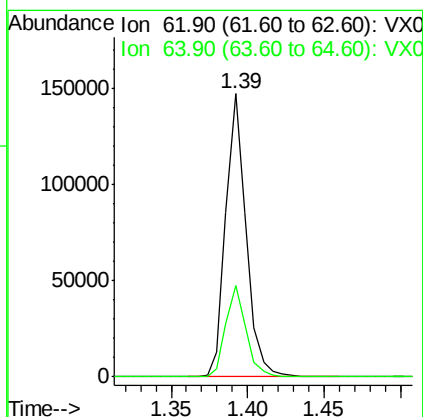
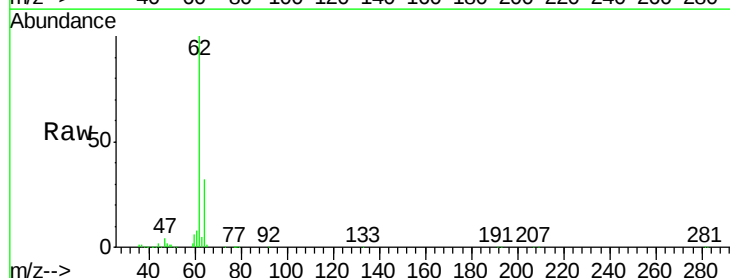
Acq: 05 Jun 2020 09:46

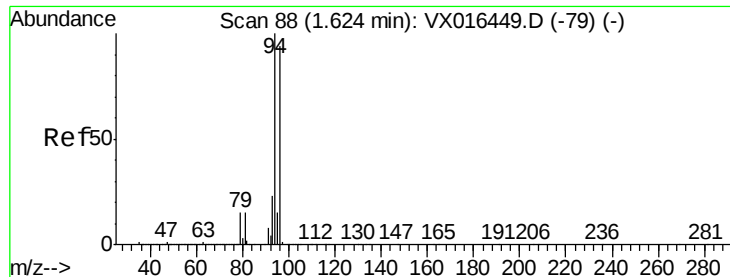
Tgt Ion: 62 Resp: 135569

Ion Ratio Lower Upper

62 100

64 32.5 25.9 38.9





#5

Bromomethane

Concen: 44.216 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.01 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 65647

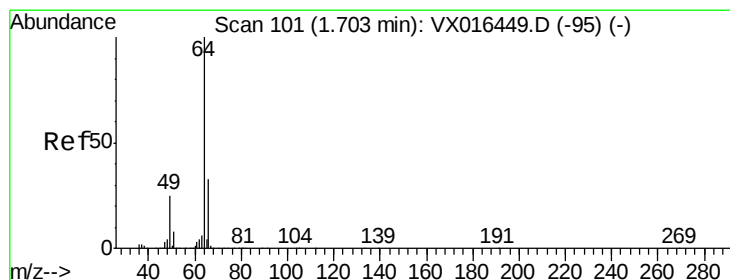
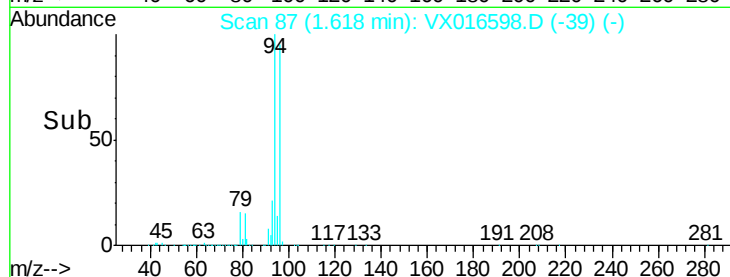
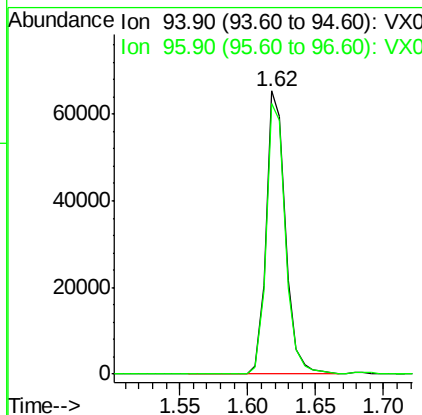
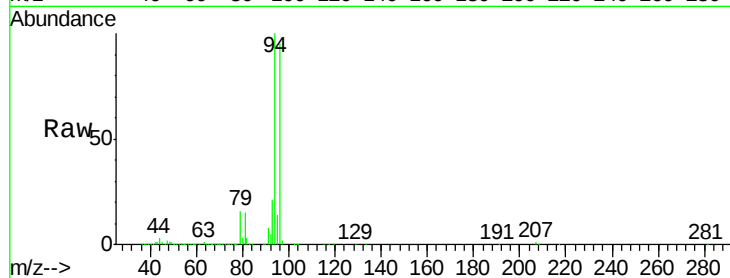
Ion Ratio Lower Upper

94 100

96 95.4 75.1 112.7

Manual Integrations  
APPROVED

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6/8/2020 4:55:37 PM



#6

Chloroethane

Concen: 47.102 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016598.D

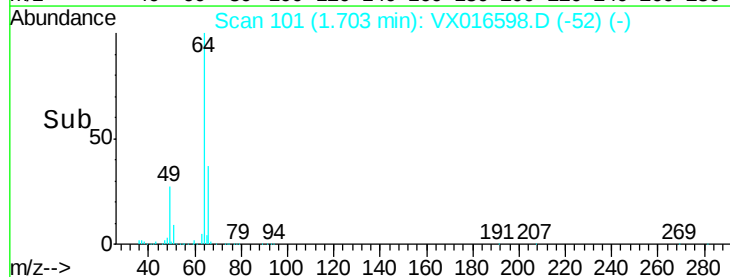
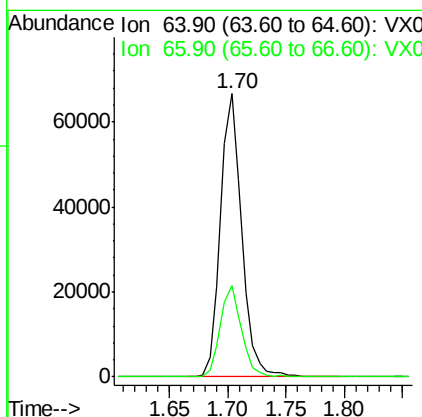
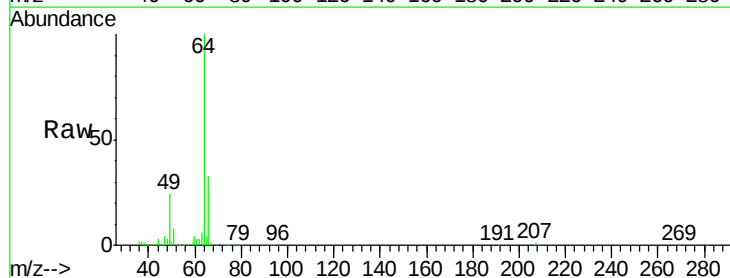
Acq: 05 Jun 2020 09:46

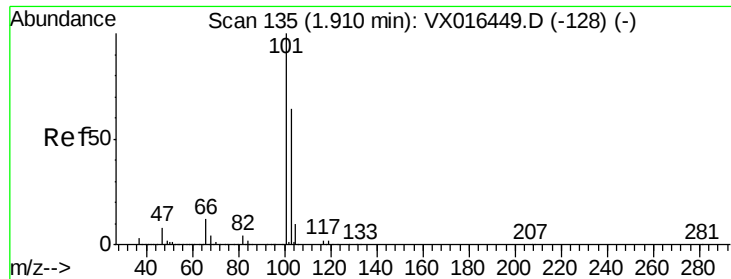
Tgt Ion: 64 Resp: 83899

Ion Ratio Lower Upper

64 100

66 32.5 26.7 40.1





#7

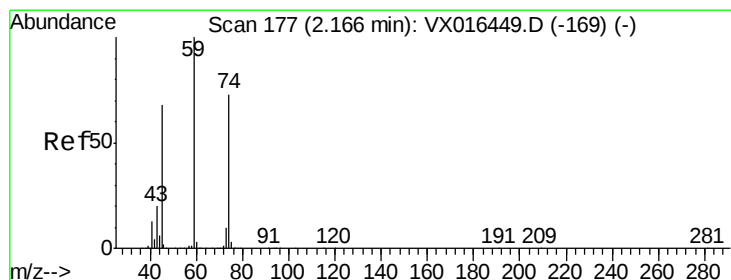
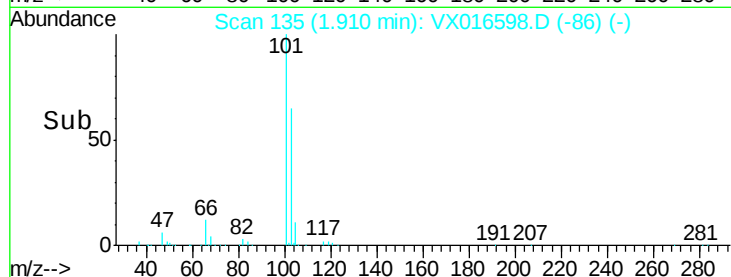
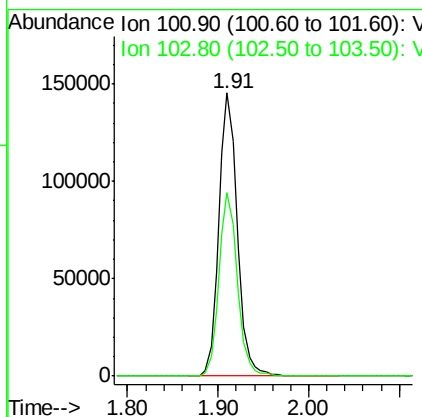
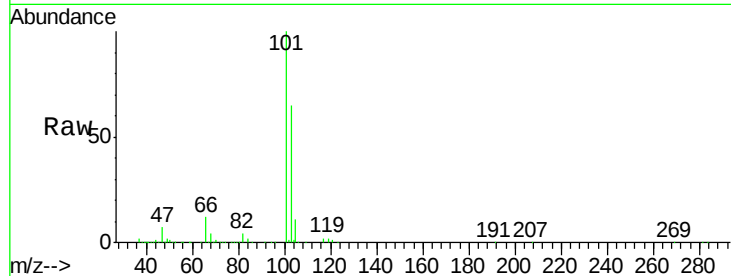
Trichlorofluoromethane  
Concen: 51.513 ug/l  
RT: 1.91 min Scan# 135  
Delta R.T. -0.00 min  
Lab File: VX016598.D  
Acq: 05 Jun 2020 09:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 64.8  | 50.9  | 76.3  |

Manual Integrations  
APPROVED

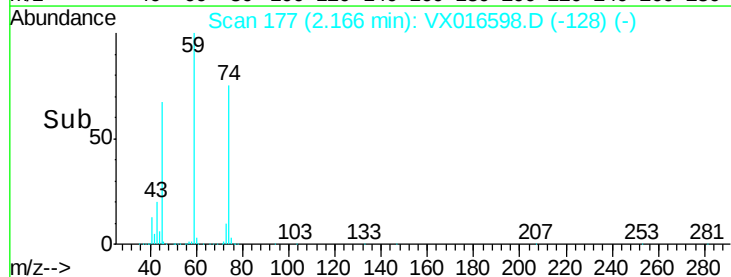
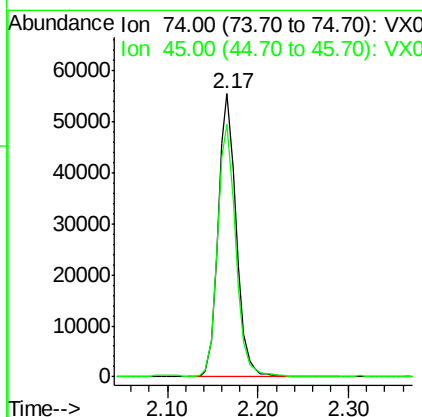
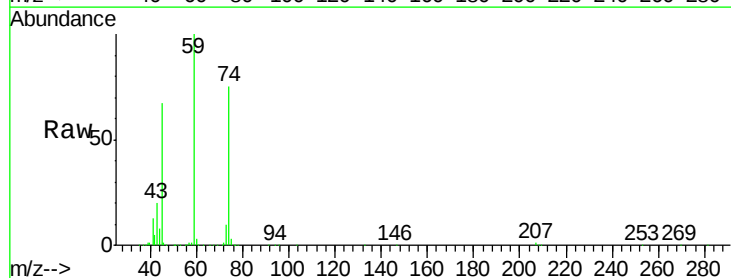
MMDadoda  
6/8/2020 4:55:37 PM



#8

Diethyl Ether  
Concen: 46.251 ug/l  
RT: 2.17 min Scan# 177  
Delta R.T. -0.00 min  
Lab File: VX016598.D  
Acq: 05 Jun 2020 09:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 89.4  | 47.5  | 142.5 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.712 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Instrument :

MSVOA\_X

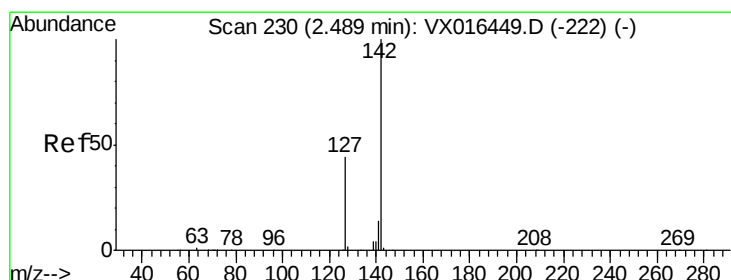
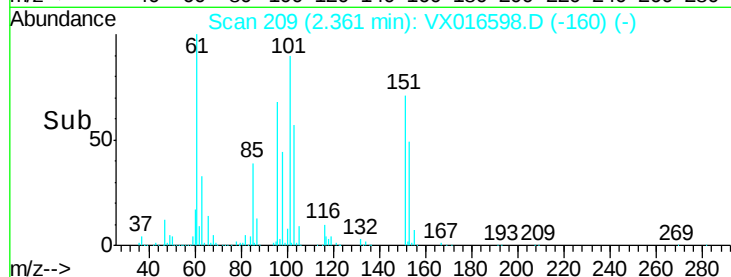
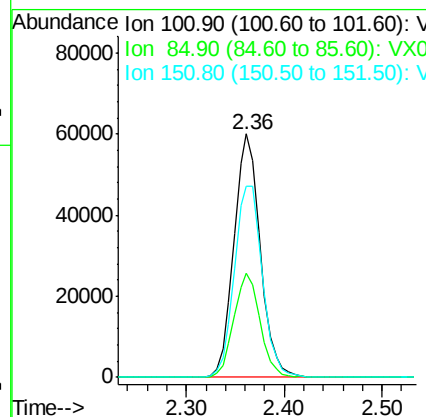
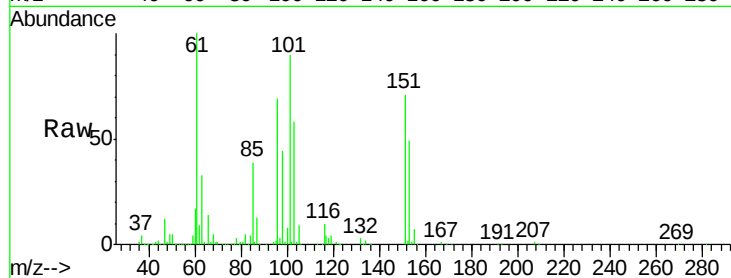
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 111924 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 42.8  | 34.4  | 51.6   |
| 151       | 83.7  | 63.8  | 95.6   |

Manual Integrations  
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MMDadoda  
6/8/2020 4:55:37 PM



#10

Methyl Iodide

Concen: 42.824 ug/l

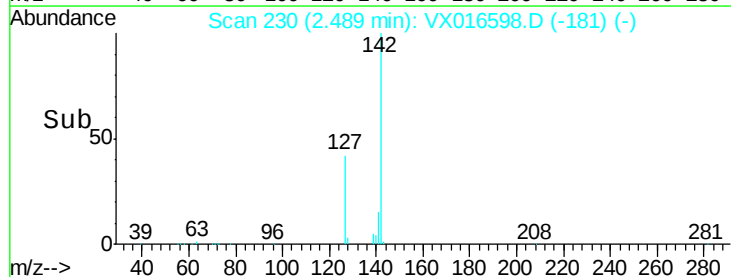
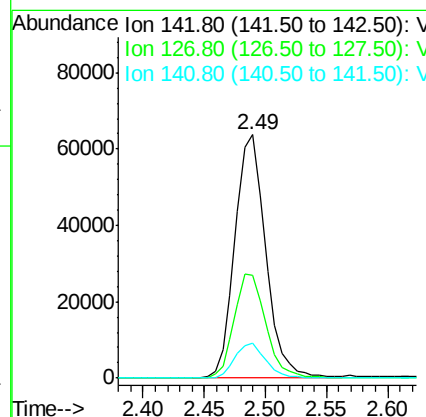
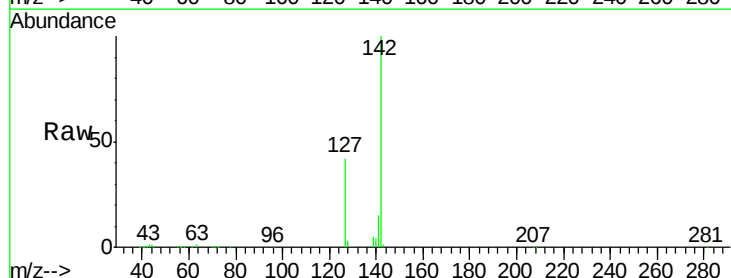
RT: 2.49 min Scan# 230

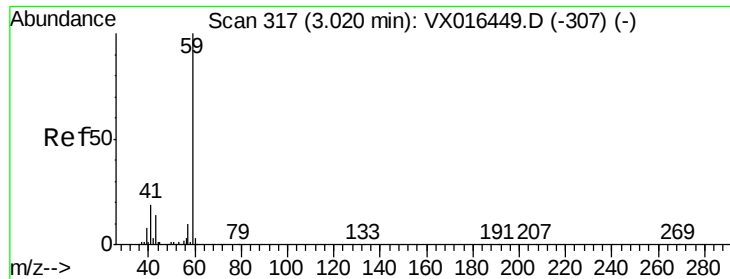
Delta R.T. 0.00 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 111688 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 44.1  | 35.3  | 52.9   |
| 141       | 14.5  | 11.4  | 17.2   |





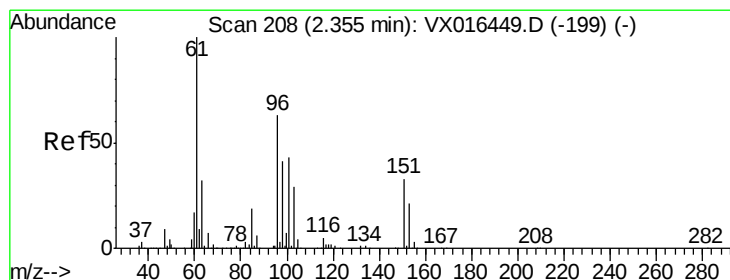
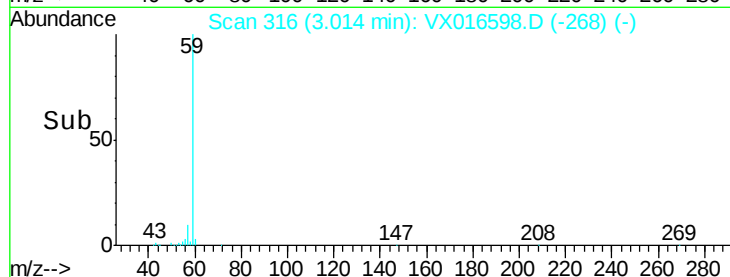
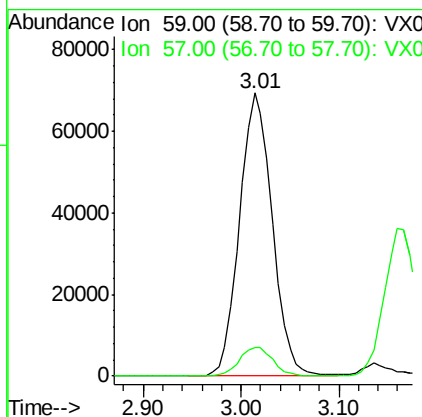
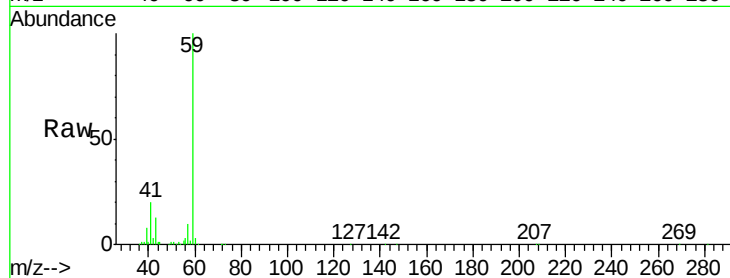
#11  
Tert butyl alcohol  
Concen: 208.558 ug/l  
RT: 3.01 min Scan# 316  
Delta R.T. -0.01 min  
Lab File: VX016598.D  
Acq: 05 Jun 2020 09:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.5  | 8.2   | 12.4  |

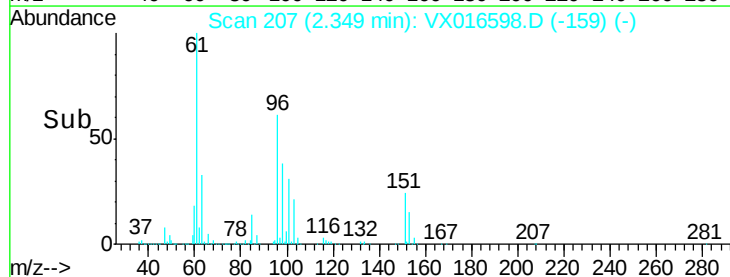
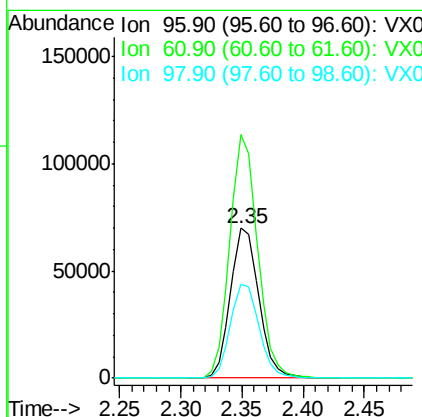
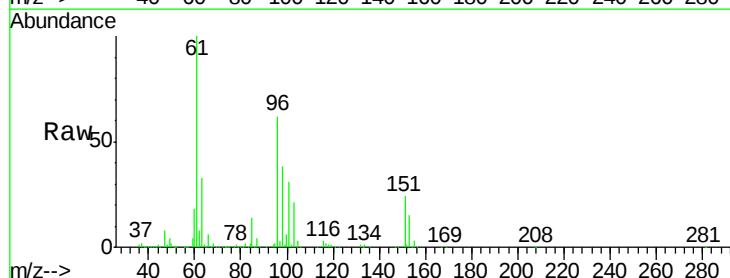
Manual Integrations  
APPROVED

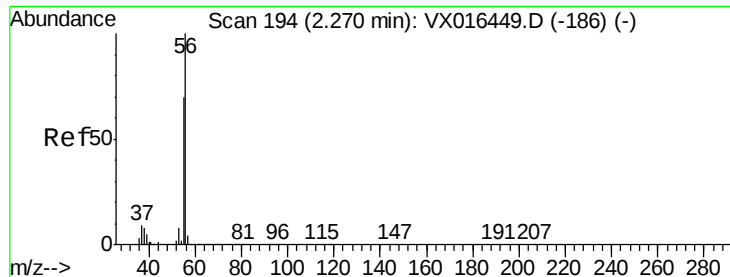
MMDadoda  
6/8/2020 4:55:37 PM



#12  
1,1-Dichloroethene  
Concen: 47.697 ug/l  
RT: 2.35 min Scan# 207  
Delta R.T. -0.01 min  
Lab File: VX016598.D  
Acq: 05 Jun 2020 09:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 162.4 | 126.6 | 189.8 |
| 98      | 62.2  | 51.3  | 76.9  |





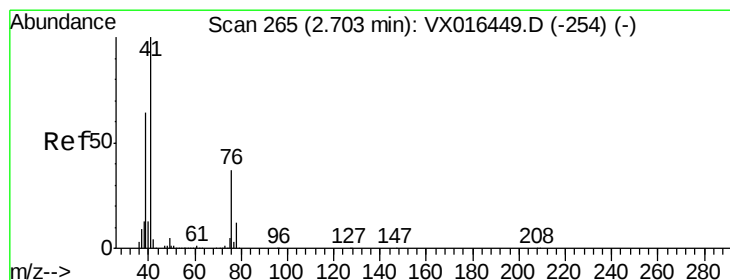
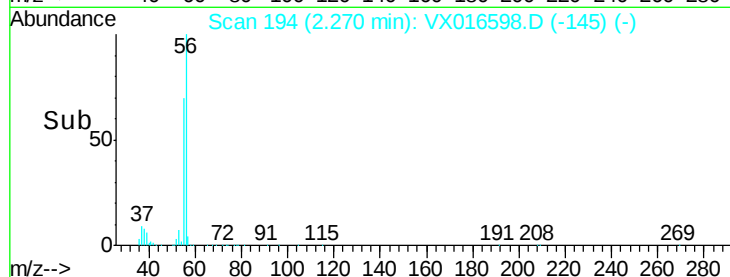
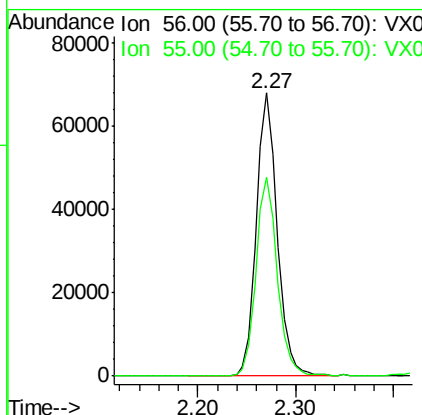
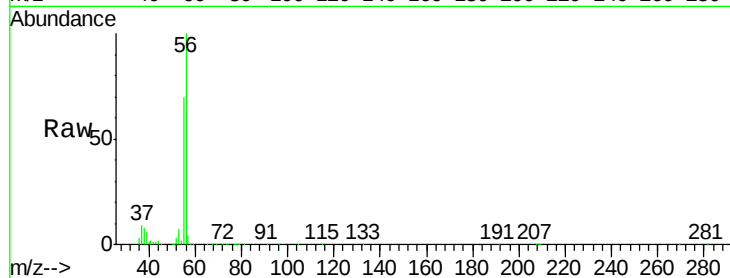
#13  
Acrolein  
Concen: 307.830 ug/l  
RT: 2.27 min Scan# 194  
Delta R.T. -0.00 min  
Lab File: VX016598.D  
Acq: 05 Jun 2020 09:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion   | 56   | Resp  | 101245 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 55        | 70.9 | 58.3  | 87.5   |

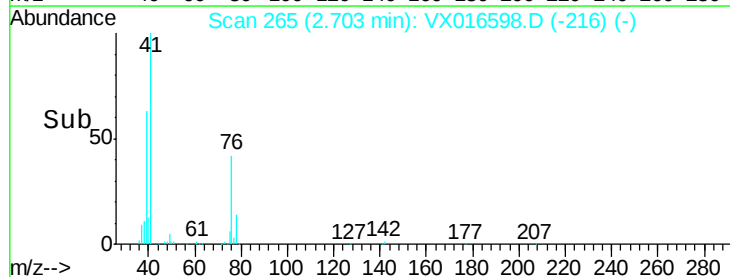
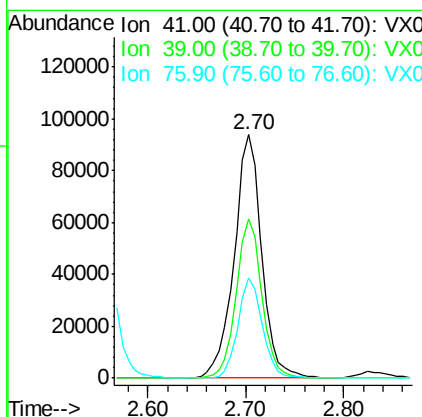
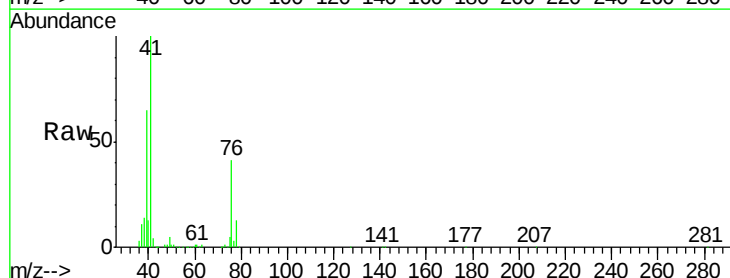
Manual Integrations  
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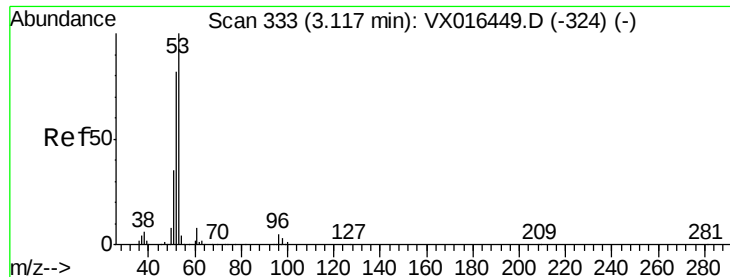
MMDadoda  
6/8/2020 4:55:37 PM



#14  
Allyl chloride  
Concen: 42.789 ug/l  
RT: 2.70 min Scan# 265  
Delta R.T. -0.00 min  
Lab File: VX016598.D  
Acq: 05 Jun 2020 09:46

| Tgt Ion   | 41   | Resp  | 183835 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 39        | 61.2 | 47.7  | 71.5   |
| 76        | 36.5 | 26.6  | 40.0   |





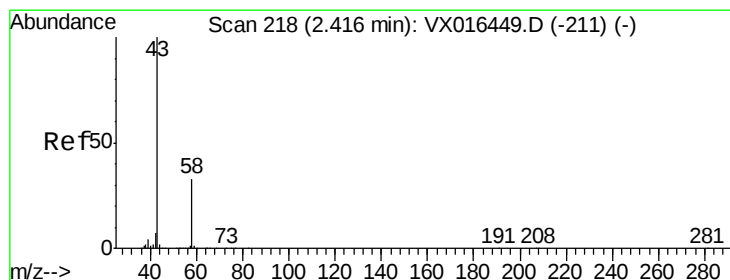
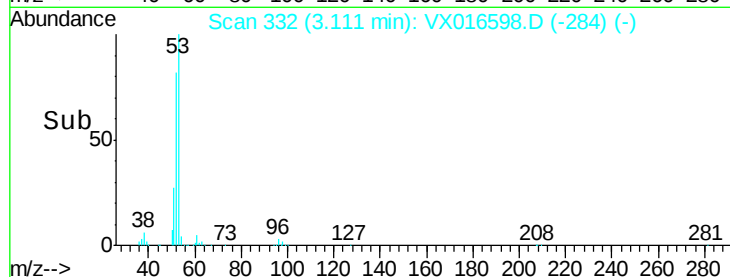
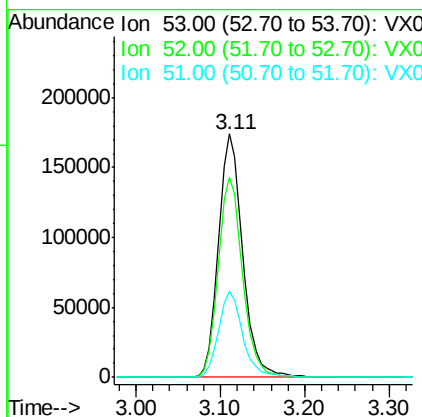
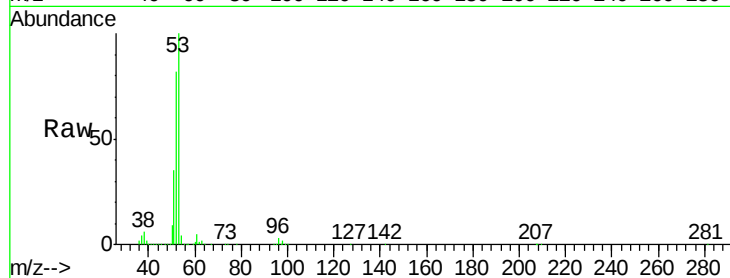
#15  
Acrylonitrile  
Concen: 218.620 ug/l  
RT: 3.11 min Scan# 332  
Delta R.T. -0.01 min  
Lab File: VX016598.D  
Acq: 05 Jun 2020 09:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 53      | 100   |       |       |
| 52      | 82.8  | 66.7  | 100.1 |
| 51      | 35.7  | 28.6  | 43.0  |

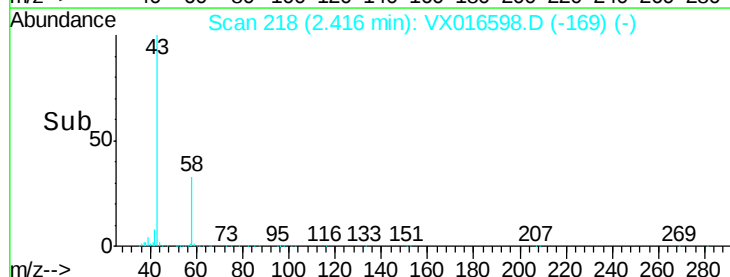
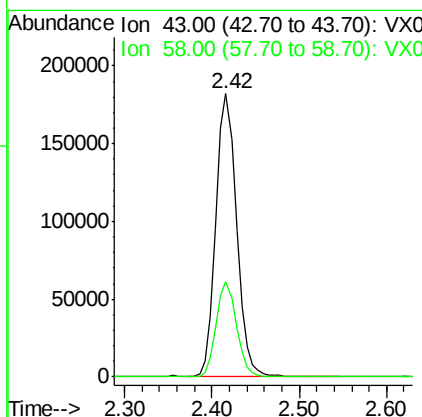
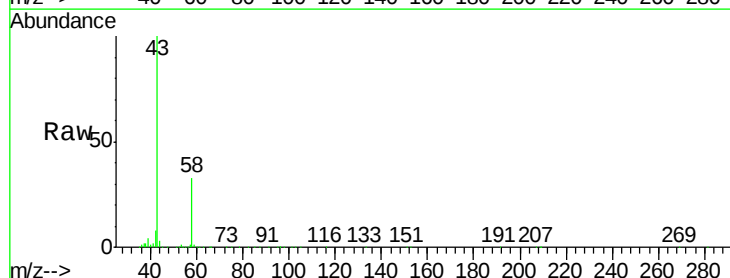
Manual Integrations  
APPROVED

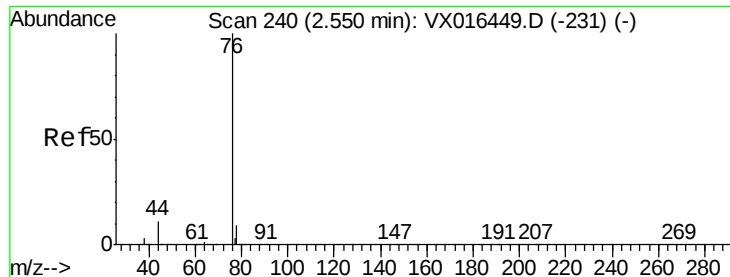
MMDadoda  
6/8/2020 4:55:37 PM



#16  
Acetone  
Concen: 227.293 ug/l  
RT: 2.42 min Scan# 218  
Delta R.T. -0.00 min  
Lab File: VX016598.D  
Acq: 05 Jun 2020 09:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 33.4  | 26.1  | 39.1  |





#17

Carbon Disulfide

Concen: 43.331 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 300614

Ion Ratio Lower Upper

76 100

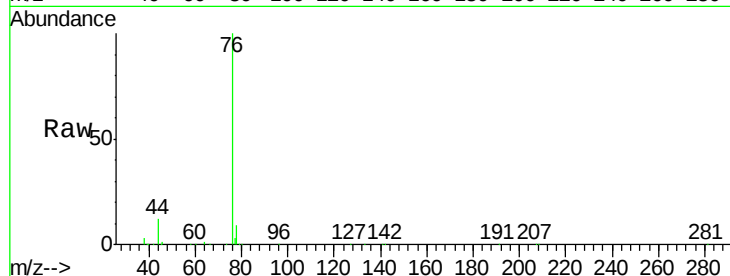
78 8.8 7.4 11.0

Manual Integrations

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MMDadoda

6/8/2020 4:55:37 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.54

200000

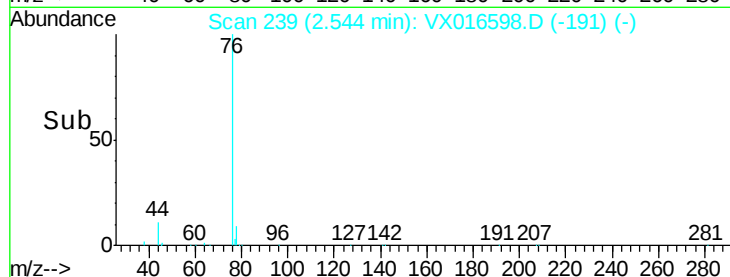
150000

100000

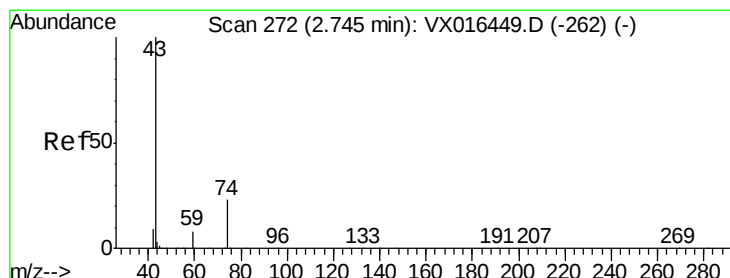
50000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 45.091 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX016598.D

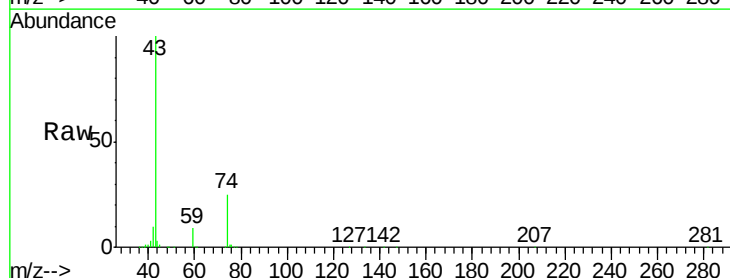
Acq: 05 Jun 2020 09:46

Tgt Ion: 43 Resp: 152775

Ion Ratio Lower Upper

43 100

74 26.4 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

100000

80000

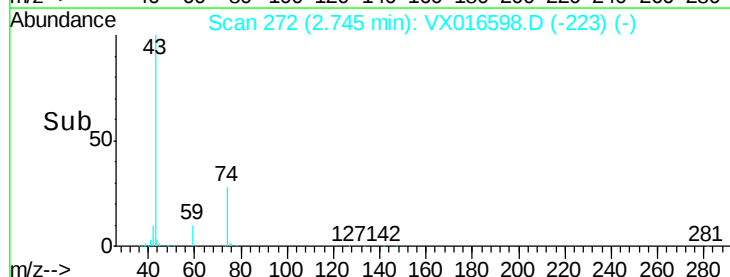
60000

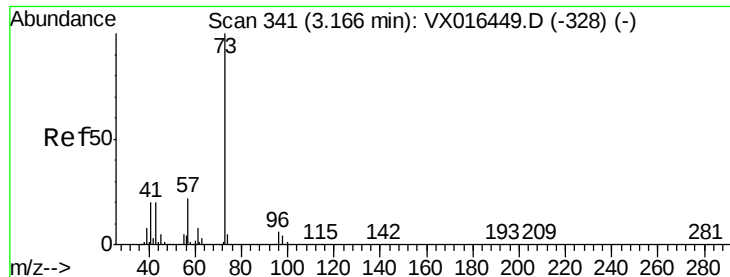
40000

20000

0

Time-->





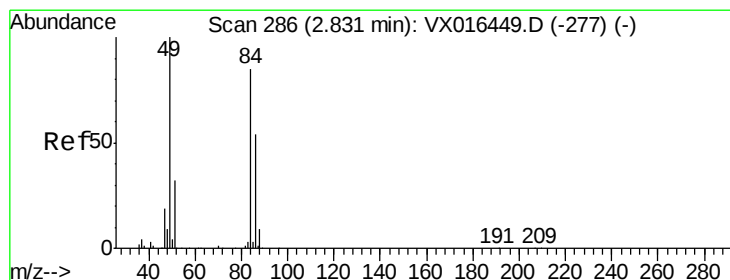
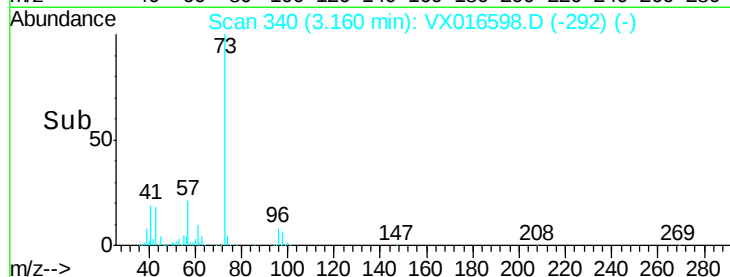
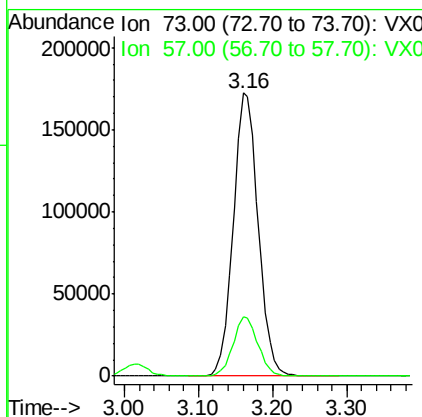
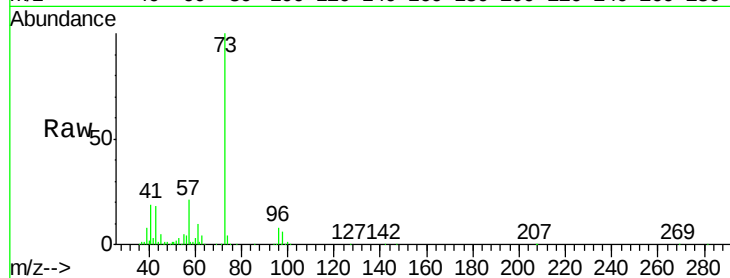
#19  
Methvl tert-butvl Ether  
Concen: 48.071 ug/l  
RT: 3.16 min Scan# 340  
Delta R.T. -0.01 min  
Lab File: VX016598.D  
Acq: 05 Jun 2020 09:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 20.9  | 17.8  | 26.6  |

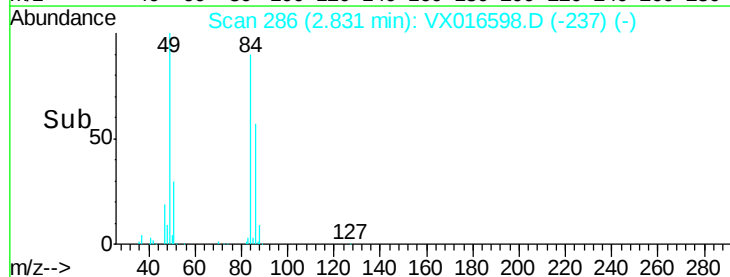
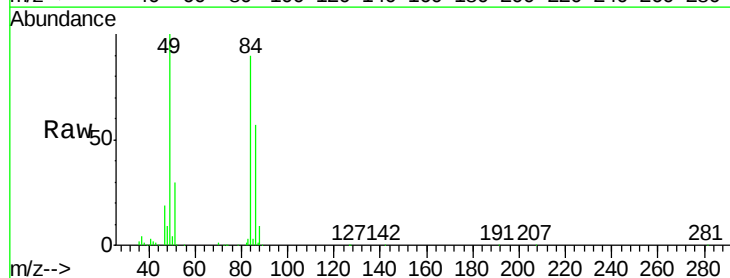
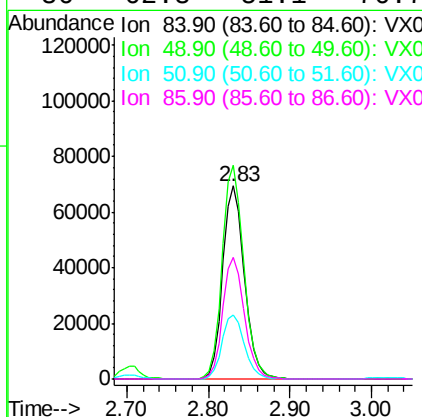
Manual Integrations  
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6/8/2020 4:55:37 PM



#20  
Methylene Chloride  
Concen: 46.859 ug/l  
RT: 2.83 min Scan# 286  
Delta R.T. -0.00 min  
Lab File: VX016598.D  
Acq: 05 Jun 2020 09:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 110.6 | 94.5  | 141.7 |
| 51      | 33.4  | 30.2  | 45.4  |
| 86      | 62.8  | 51.1  | 76.7  |





#21

trans-1,2-Dichloroethene

Concen: 47.555 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Instrument :

MSVOA\_X

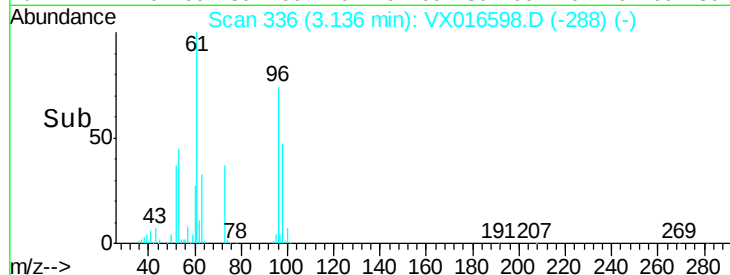
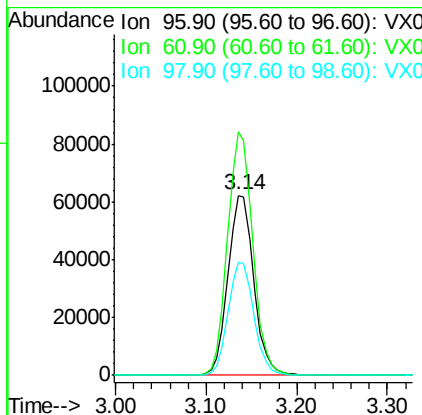
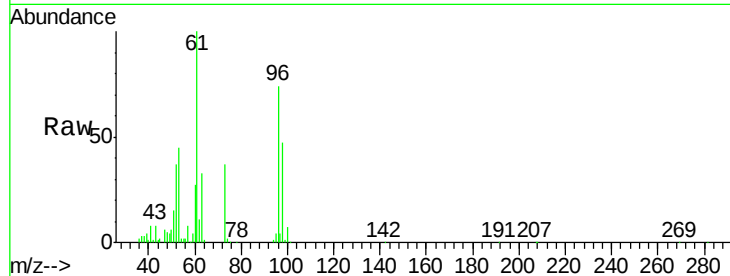
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 96    | Resp: | 122885 |
| Ion Ratio | Lower | Upper |        |
| 96        | 100   |       |        |
| 61        | 135.6 | 115.3 | 172.9  |
| 98        | 63.2  | 51.9  | 77.9   |

Manual Integrations  
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MMDadoda  
6/8/2020 4:55:37 PM



#22

Diisopropyl ether

Concen: 44.115 ug/l

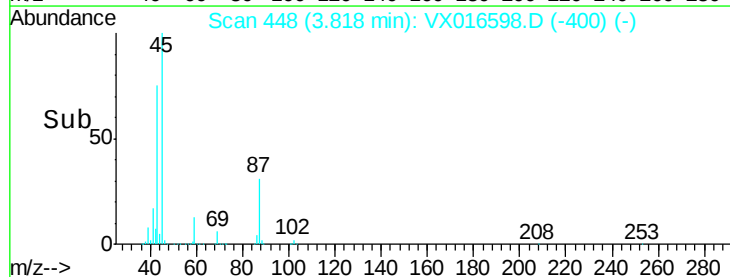
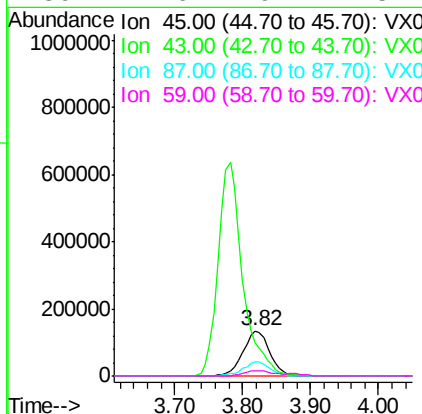
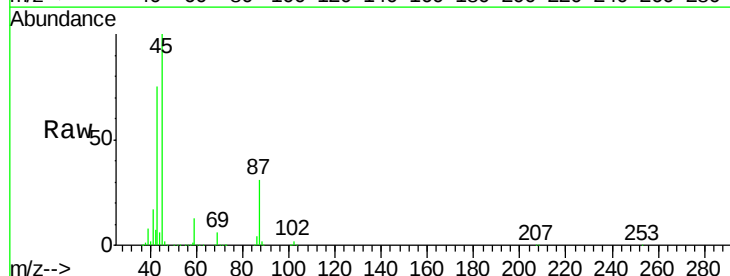
RT: 3.82 min Scan# 448

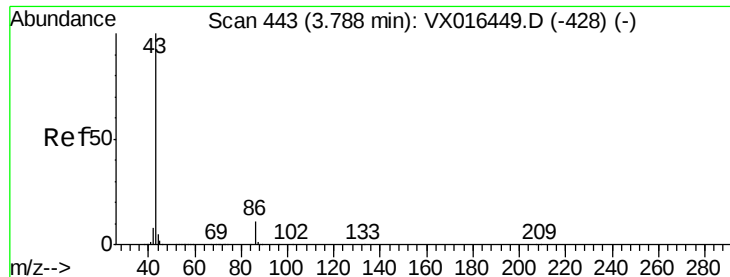
Delta R.T. -0.01 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 364100 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 43        | 74.5  | 57.0  | 85.6   |
| 87        | 30.5  | 22.5  | 33.7   |
| 59        | 12.6  | 9.1   | 13.7   |





#23

Vinyl Acetate

Concen: 221.078 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1597122

Ion Ratio Lower Upper

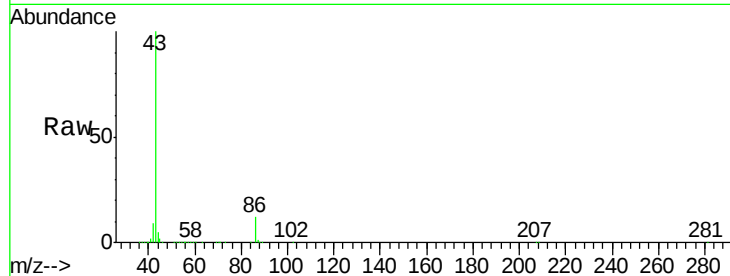
43 100

86 11.7 8.6 13.0

Manual Integrations  
APPROVED

MMDadoda

6/8/2020 4:55:37 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

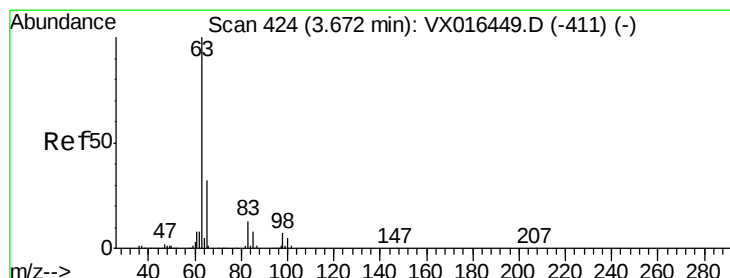
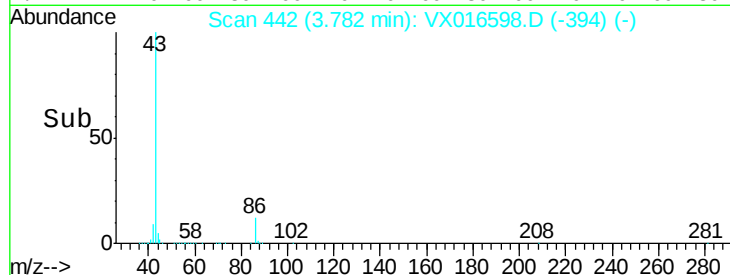
600000

400000

200000

0

Time--> 3.60 3.70 3.80 3.90



#24

1,1-Dichloroethane

Concen: 46.624 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

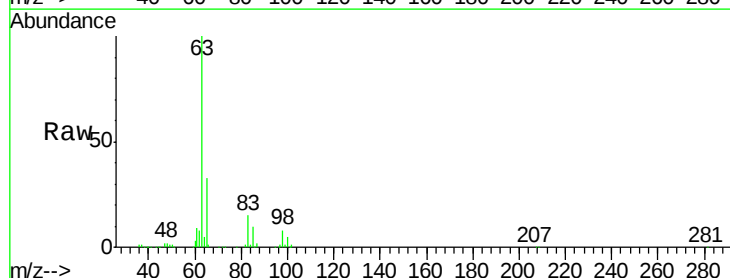
Tgt Ion: 63 Resp: 217191

Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.9

100 5.2 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

120000

100000

80000

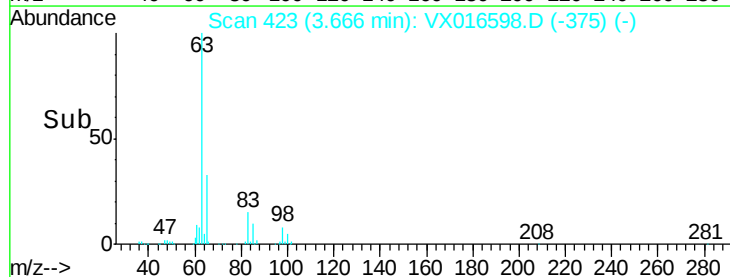
60000

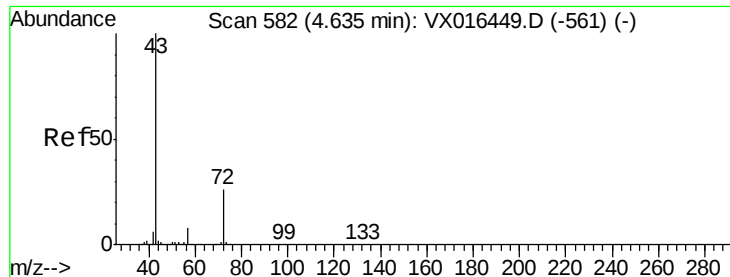
40000

20000

0

Time--> 3.50 3.60 3.70 3.80





#25

2-Butanone

Concen: 206.604 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 462458

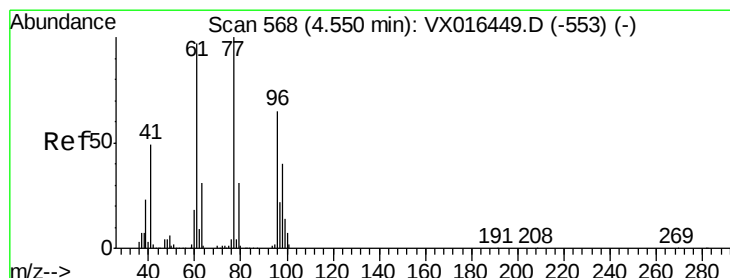
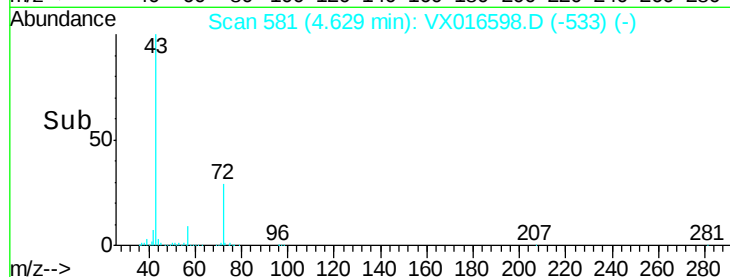
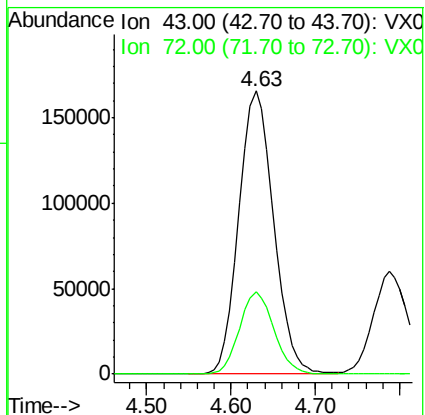
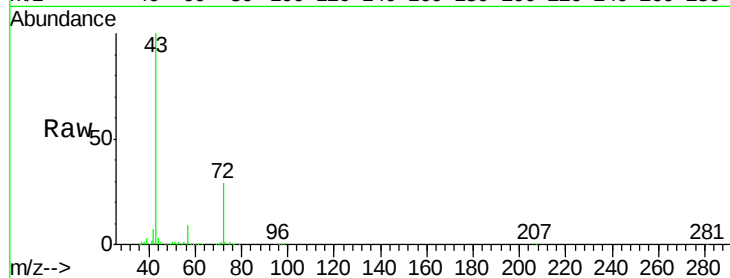
Ion Ratio Lower Upper

43 100

72 29.2 21.0 31.6

Manual Integrations  
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#26

2,2-Dichloropropane

Concen: 54.190 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX016598.D

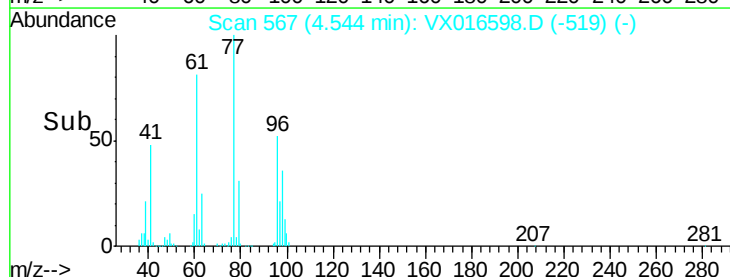
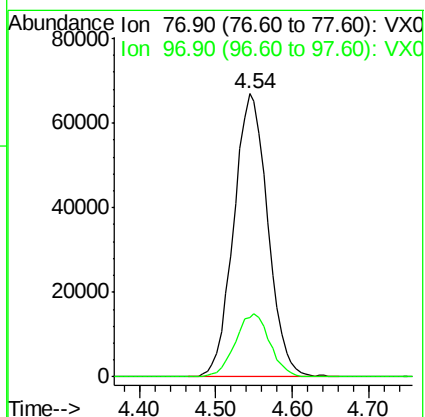
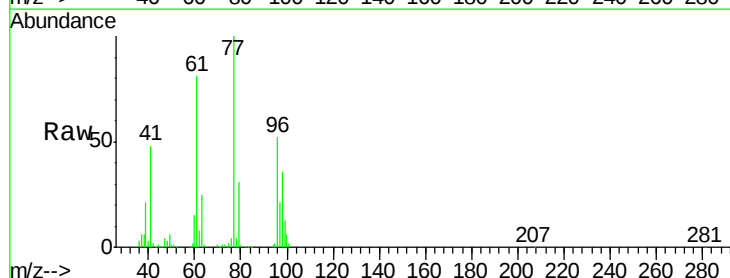
Acq: 05 Jun 2020 09:46

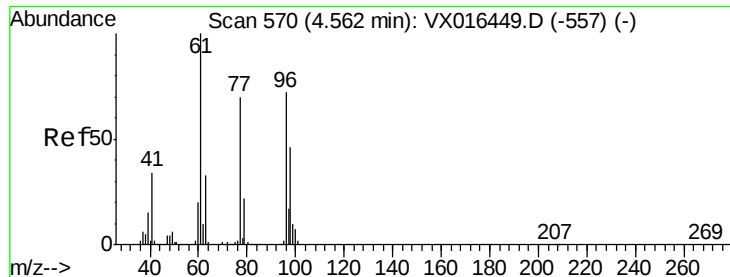
Tgt Ion: 77 Resp: 206565

Ion Ratio Lower Upper

77 100

97 22.6 11.5 34.4





#27

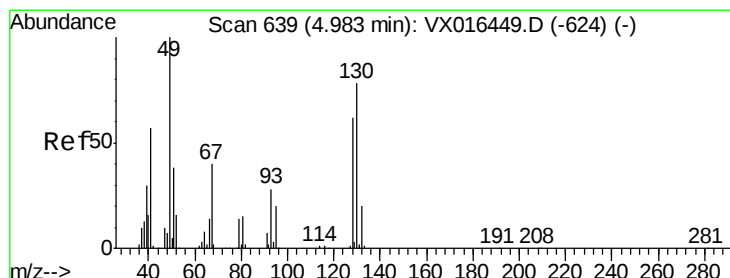
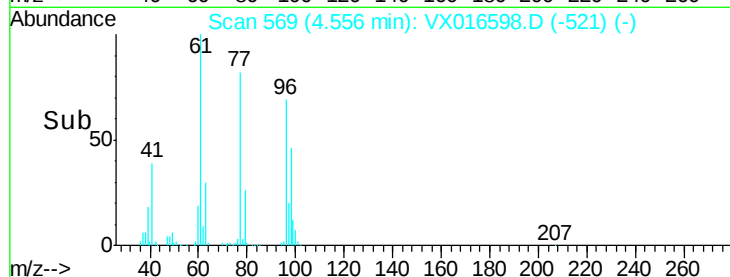
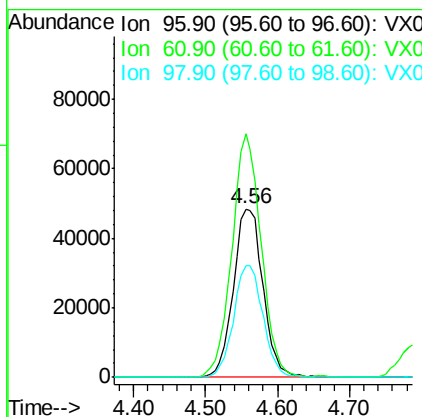
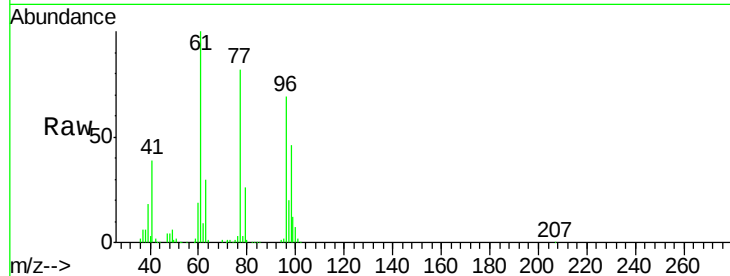
cis-1,2-Dichloroethene  
Concen: 46.226 ug/l  
RT: 4.56 min Scan# 569  
Delta R.T. -0.01 min  
Lab File: VX016598.D  
Acq: 05 Jun 2020 09:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 142.7 | 0.0   | 284.6 |
| 98      | 65.7  | 0.0   | 127.2 |

Manual Integrations  
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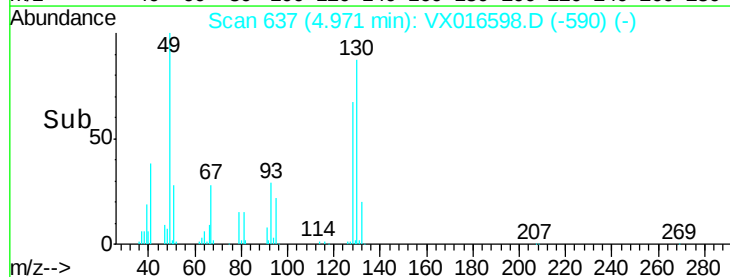
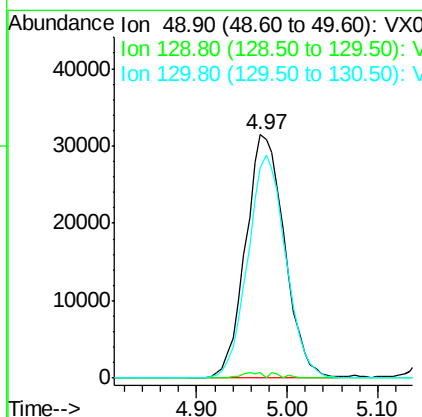
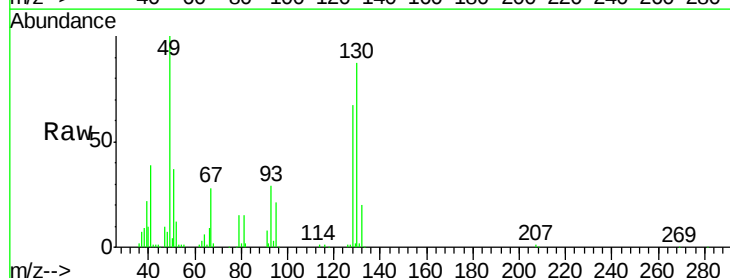
MMDadoda  
6/8/2020 4:55:37 PM

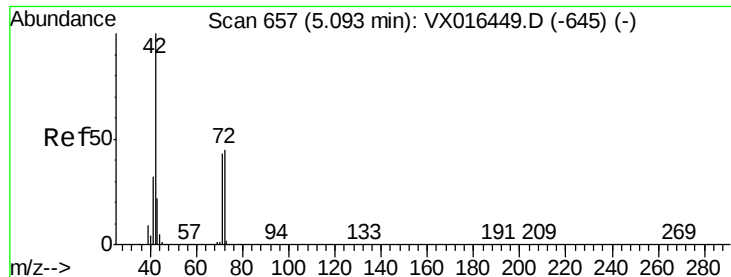


#28

Bromochloromethane  
Concen: 43.216 ug/l  
RT: 4.97 min Scan# 637  
Delta R.T. -0.01 min  
Lab File: VX016598.D  
Acq: 05 Jun 2020 09:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 1.2   | 0.0   | 4.0   |
| 130     | 0.0   | 63.0  | 94.4# |





#29

Tetrahydrofuran

Concen: 206.651 ug/l

RT: 5.08 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Instrument :

MSVOA\_X

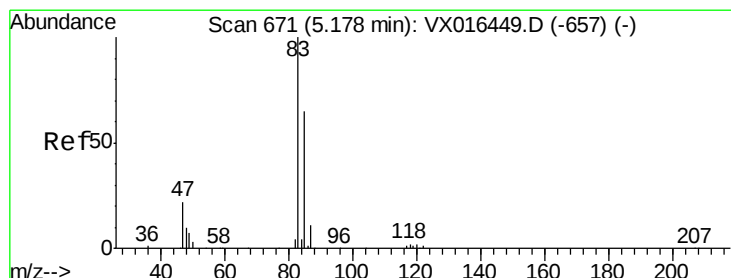
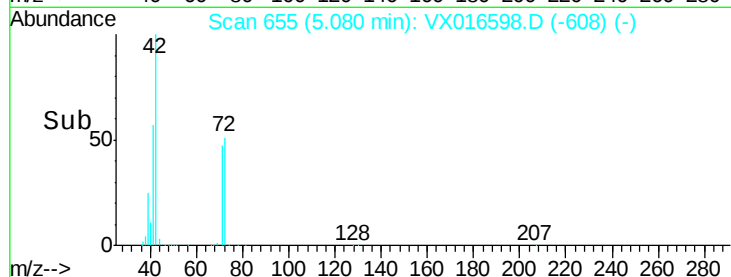
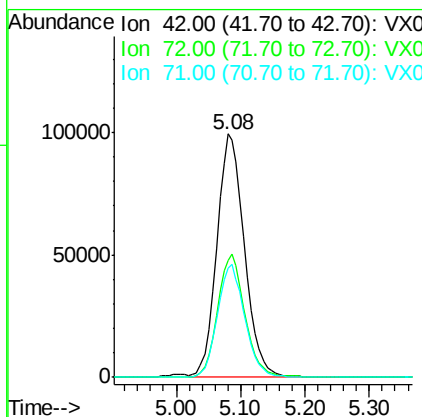
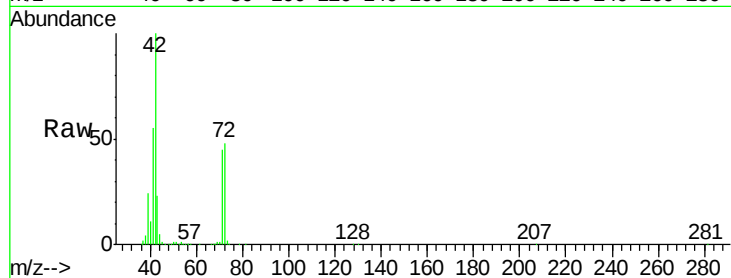
ClientSampleId :

VSTDCCC050

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 42   | Resp: | 298838 |
| Ion Ratio |      | Lower | Upper  |
| 42        | 100  |       |        |
| 72        | 50.4 | 37.0  | 55.4   |
| 71        | 46.2 | 34.1  | 51.1   |

Manual Integrations  
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#30

Chloroform

Concen: 48.108 ug/l

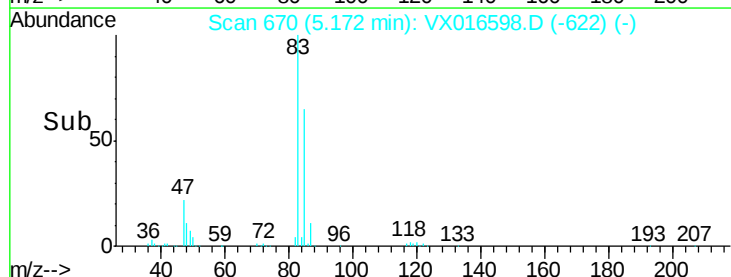
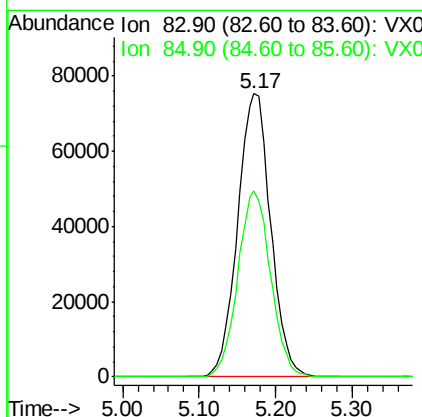
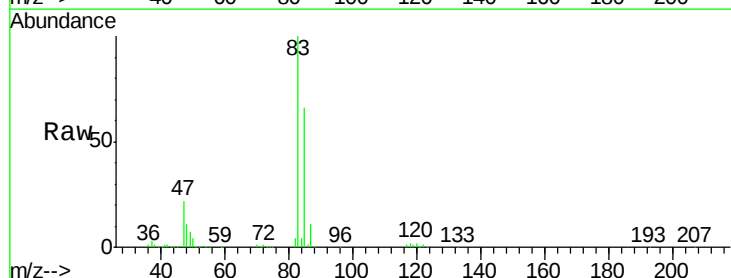
RT: 5.17 min Scan# 670

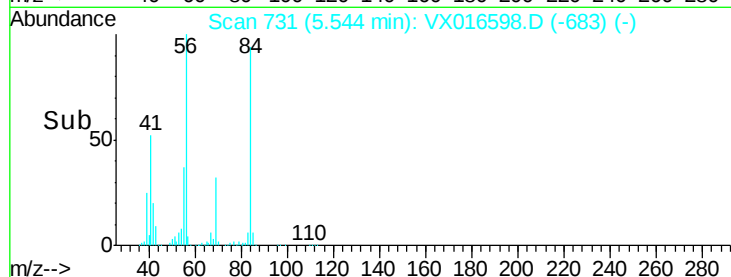
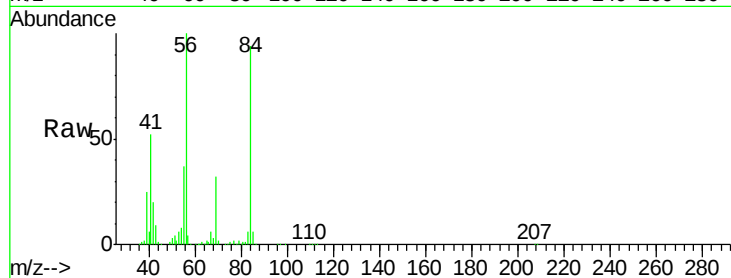
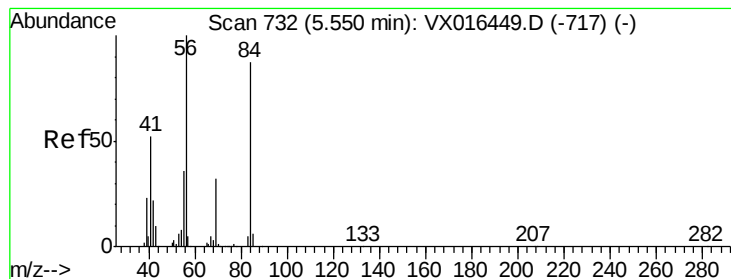
Delta R.T. -0.01 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 83   | Resp: | 225809 |
| Ion Ratio |      | Lower | Upper  |
| 83        | 100  |       |        |
| 85        | 65.8 | 52.0  | 78.0   |





#31

Cyclohexane

Concen: 42.867 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 56    | Resp: | 179647 |
| Ion      | Ratio | Lower | Upper  |
| 56       | 100   |       |        |
| 69       | 32.0  | 25.7  | 38.5   |
| 84       | 92.0  | 70.0  | 105.0  |

Instrument :

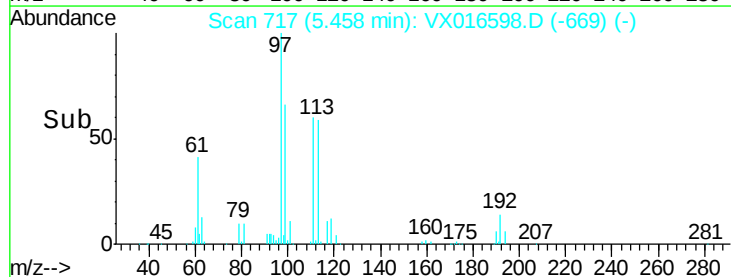
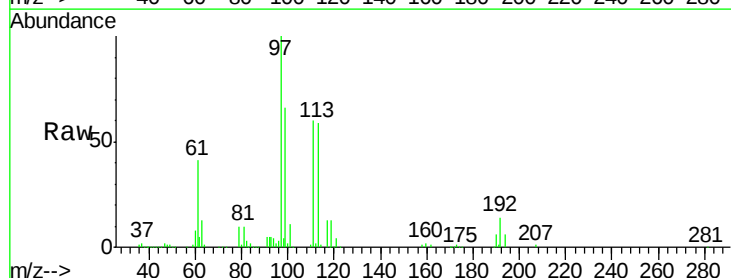
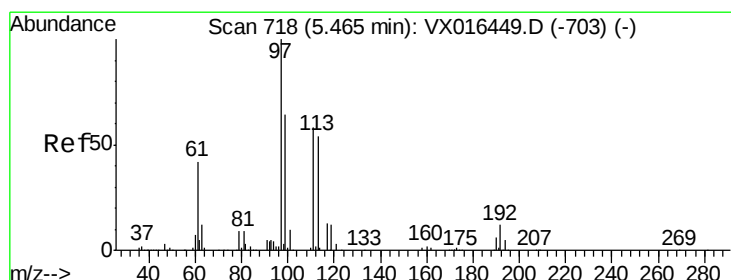
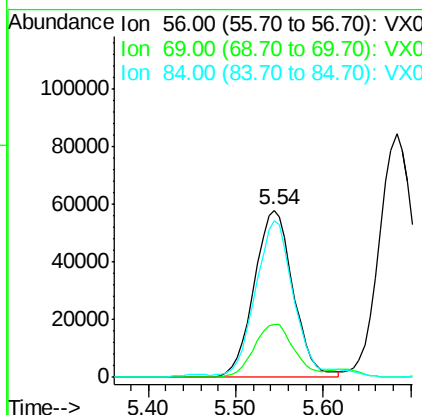
MSVOA\_X

ClientSampleId :

VSTDCCC050

Manual Integrations  
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#32

1,1,1-Trichloroethane

Concen: 49.492 ug/l

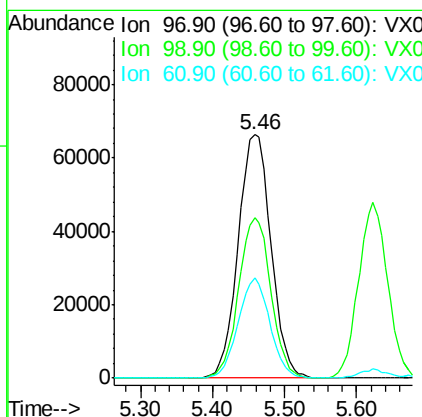
RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 210312 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 99       | 64.6  | 51.4  | 77.2   |
| 61       | 39.8  | 33.5  | 50.3   |





#33

1,2-Dichloroethane-d4

Concen: 46.793 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 141086

Ion Ratio Lower Upper

65 100

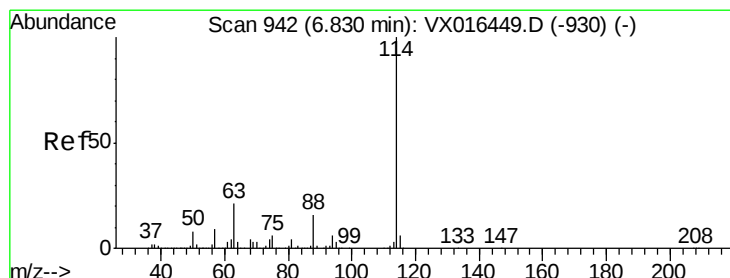
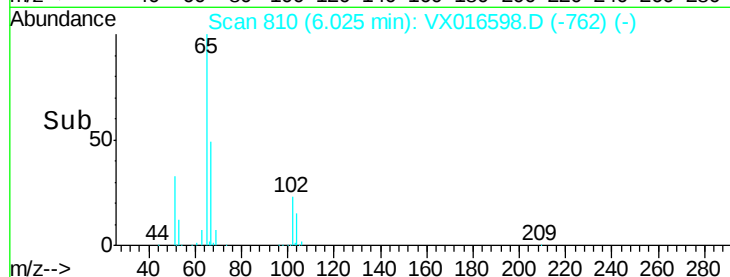
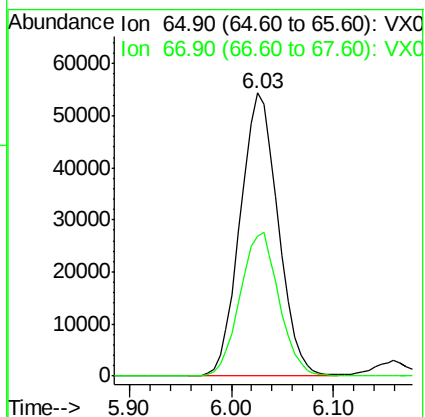
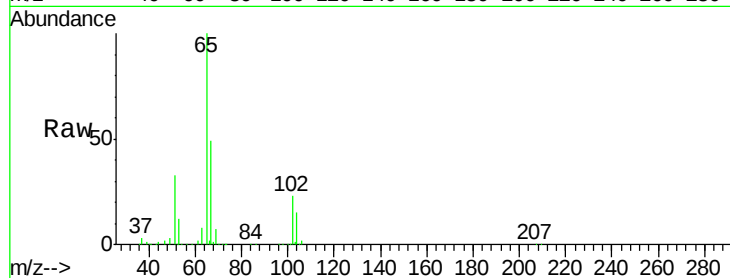
67 52.0 0.0 104.8

Manual Integrations

APPROVED

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6/8/2020 4:55:37 PM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

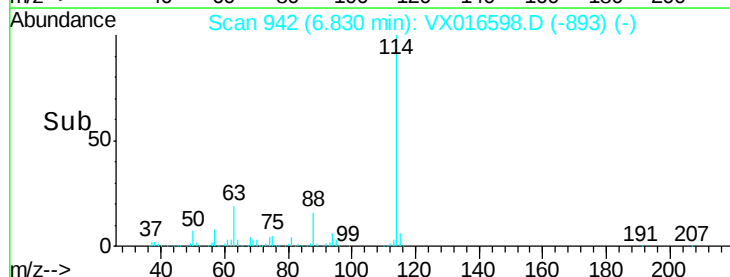
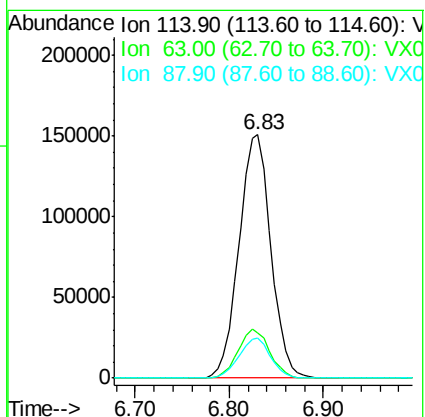
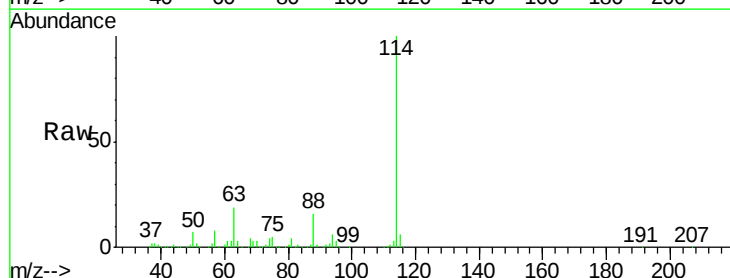
Tgt Ion: 114 Resp: 356614

Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.6

88 16.4 0.0 32.8





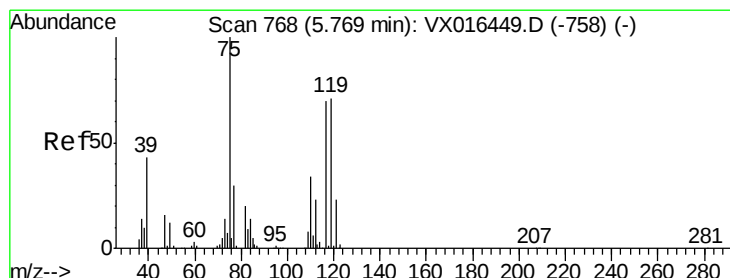
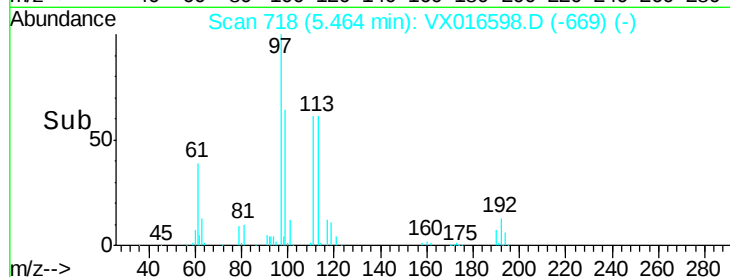
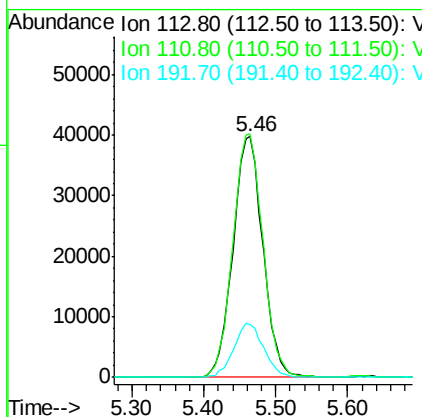
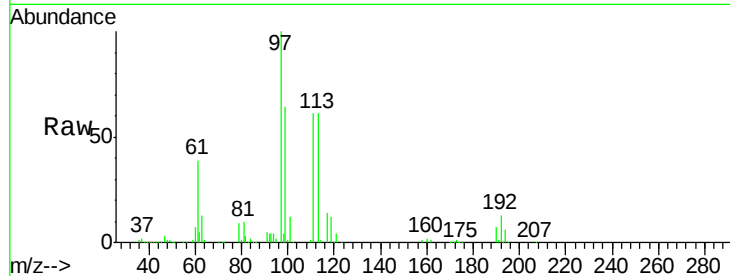
#35  
 Dibromofluoromethane  
 Concen: 52.059 ug/l  
 RT: 5.46 min Scan# 718  
 Delta R.T. -0.00 min  
 Lab File: VX016598.D  
 Acq: 05 Jun 2020 09:46

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 101.7 | 83.0  | 124.6 |
| 192     | 22.5  | 17.7  | 26.5  |

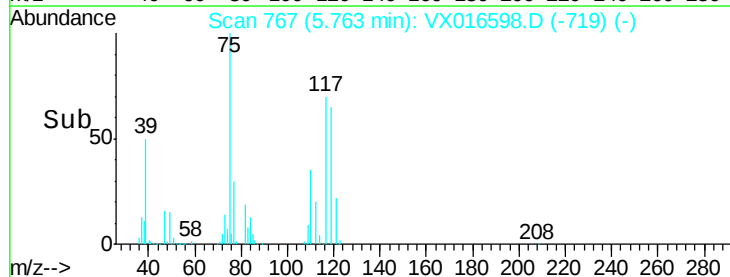
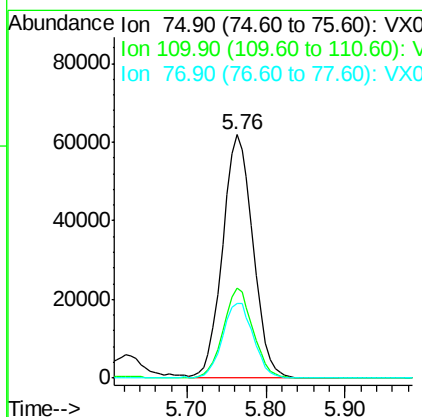
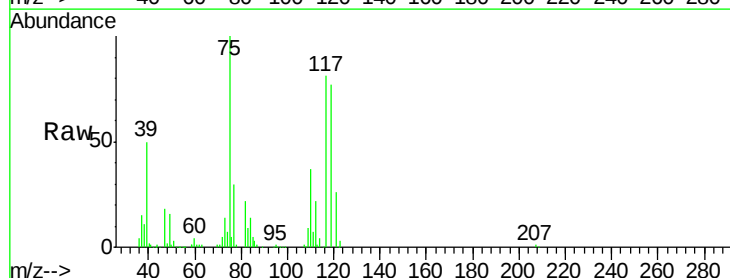
Manual Integrations  
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#36  
 1,1-Dichloropropene  
 Concen: 49.122 ug/l  
 RT: 5.76 min Scan# 767  
 Delta R.T. -0.01 min  
 Lab File: VX016598.D  
 Acq: 05 Jun 2020 09:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 36.2  | 17.4  | 52.3  |
| 77      | 30.7  | 24.2  | 36.4  |





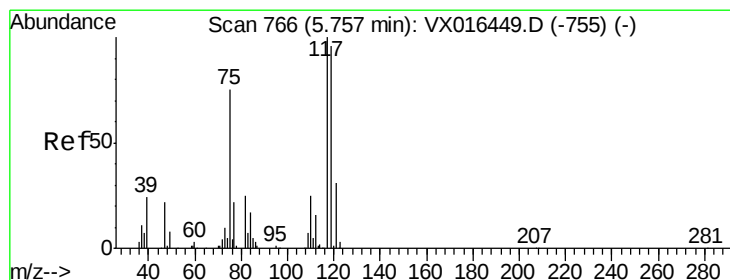
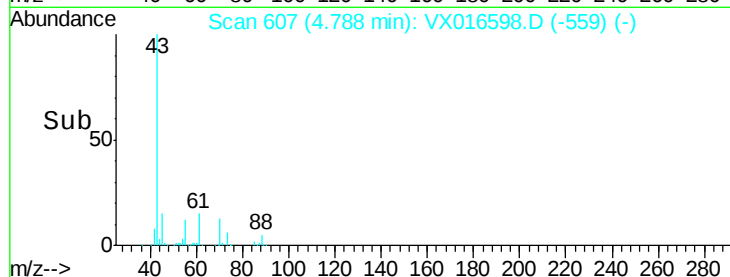
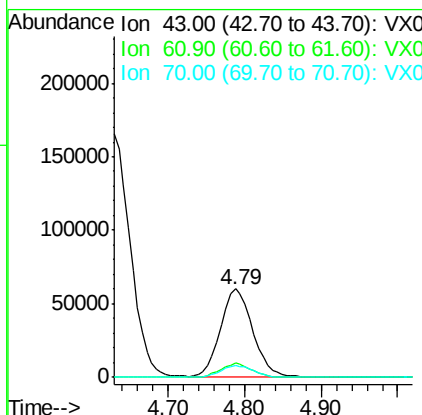
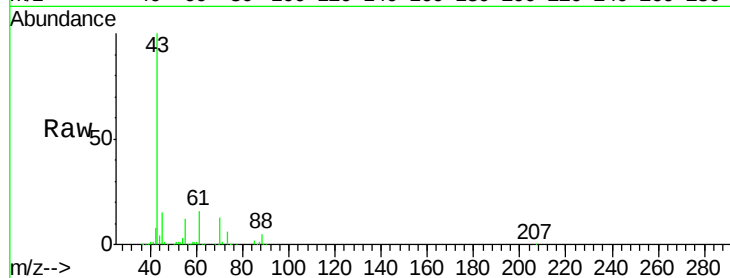
#37  
Ethyl Acetate  
Concen: 43.110 ug/l  
RT: 4.79 min Scan# 607  
Delta R.T. -0.01 min  
Lab File: VX016598.D  
Acq: 05 Jun 2020 09:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 15.2  | 11.3  | 16.9  |
| 70      | 13.3  | 9.3   | 13.9  |

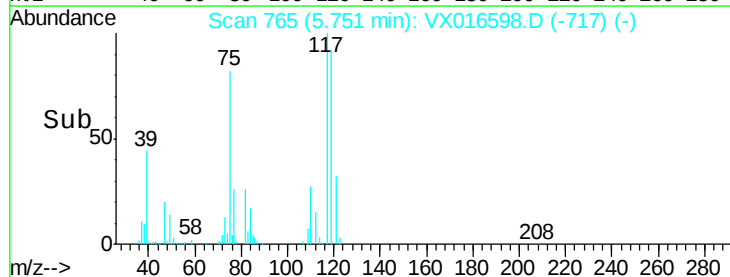
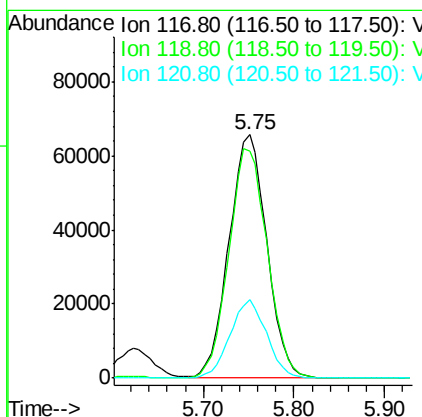
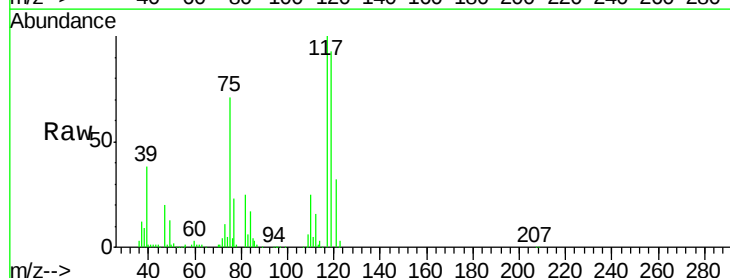
Manual Integrations  
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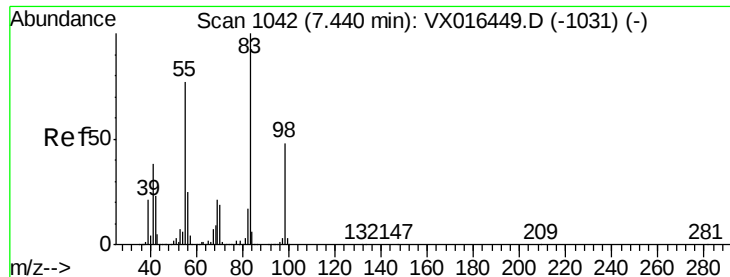
MMDadoda  
6/8/2020 4:55:37 PM



#38  
Carbon Tetrachloride  
Concen: 53.497 ug/l  
RT: 5.75 min Scan# 765  
Delta R.T. -0.01 min  
Lab File: VX016598.D  
Acq: 05 Jun 2020 09:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 93.0  | 76.3  | 114.5 |
| 121     | 32.2  | 24.6  | 37.0  |





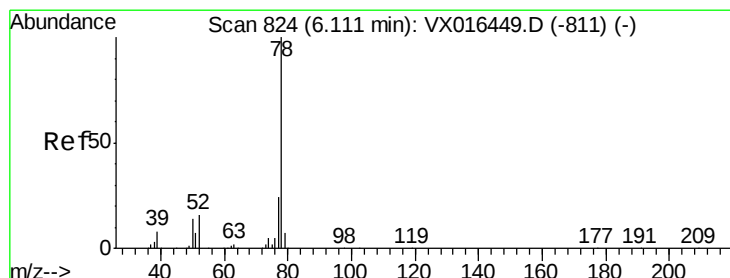
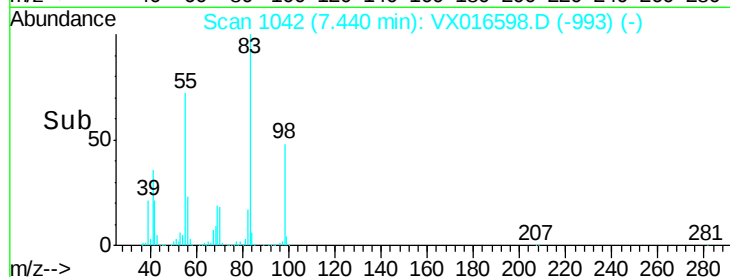
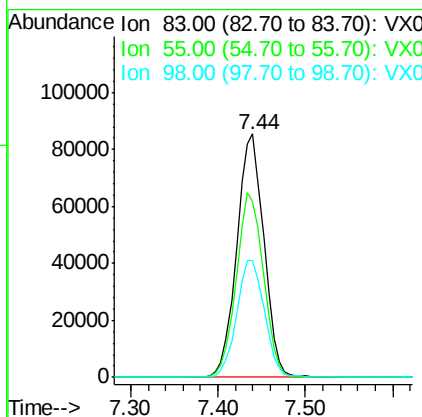
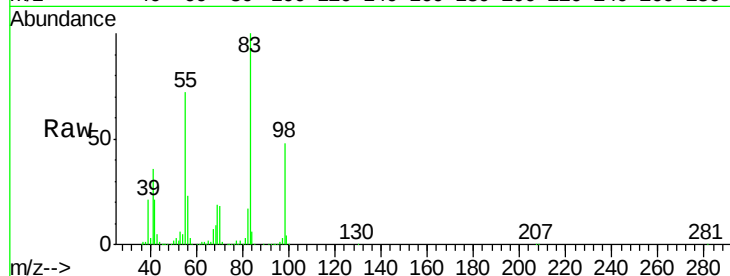
#39  
Methvlcvclohexane  
Concen: 50.226 ug/l  
RT: 7.44 min Scan# 1042  
Delta R.T. -0.00 min  
Lab File: VX016598.D  
Acq: 05 Jun 2020 09:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 72.2  | 61.7  | 92.5  |
| 98      | 47.8  | 38.7  | 58.1  |

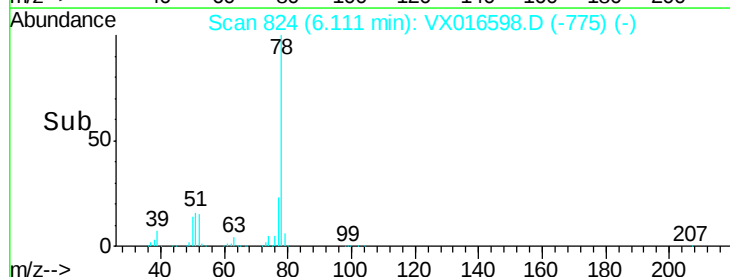
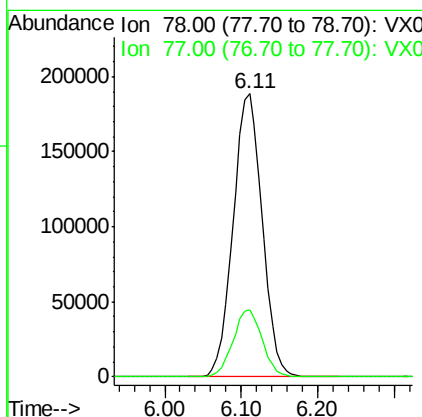
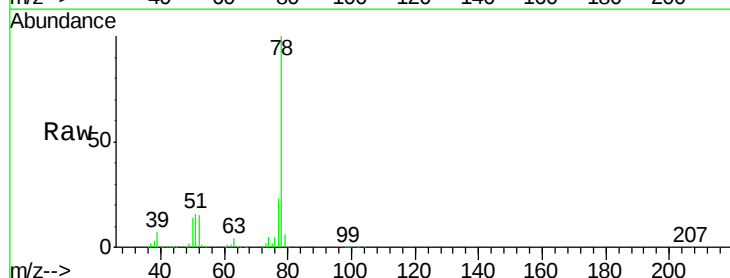
Manual Integrations  
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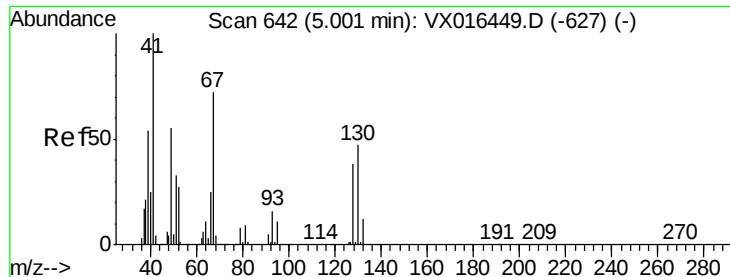
MMDadoda  
6/8/2020 4:55:37 PM



#40  
Benzene  
Concen: 49.358 ug/l  
RT: 6.11 min Scan# 824  
Delta R.T. -0.00 min  
Lab File: VX016598.D  
Acq: 05 Jun 2020 09:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.4  | 18.9  | 28.3  |





#41

Methacrylonitrile

Concen: 43.154 ug/l

RT: 5.00 min Scan# 641

Delta R.T. -0.01 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Instrument :

MSVOA\_X

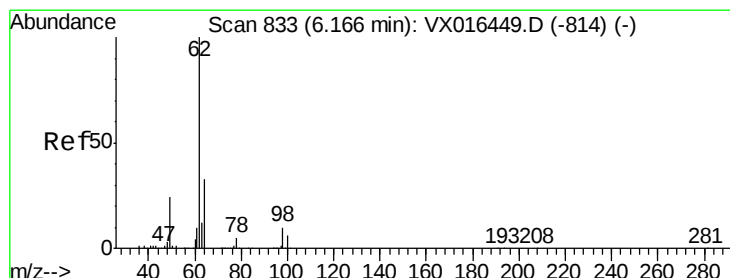
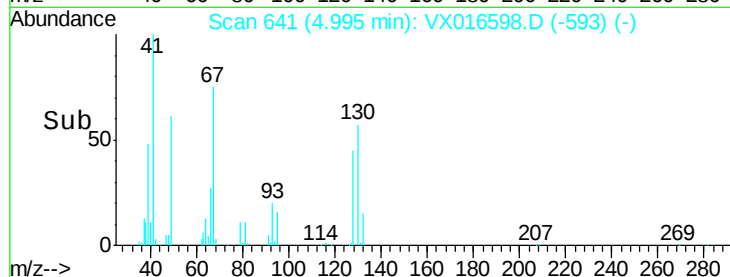
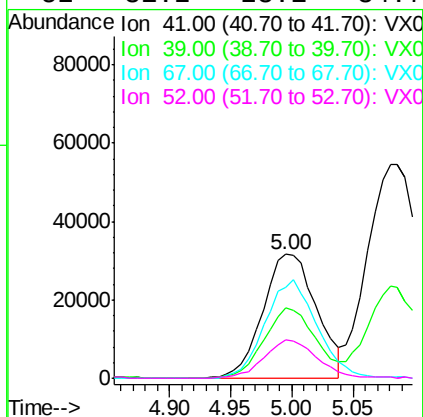
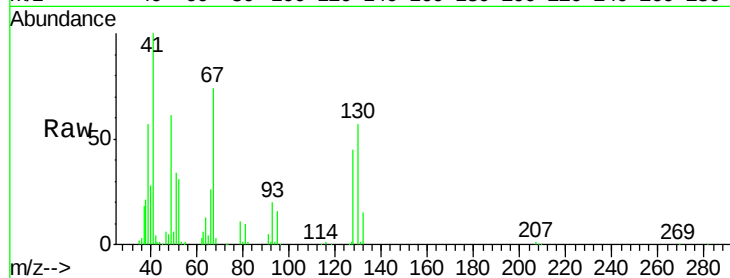
ClientSampleId :

VSTDCCC050

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 55.0 | 43.0  | 64.4  |       |
| 67      | 77.5 | 58.9  | 88.3  |       |
| 52      | 31.2 | 23.1  | 34.7  |       |

Manual Integrations  
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#42

1,2-Dichloroethane

Concen: 50.367 ug/l

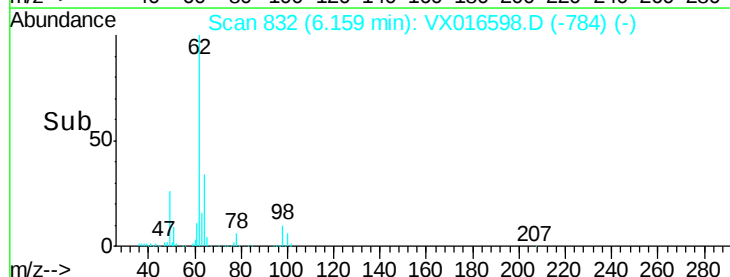
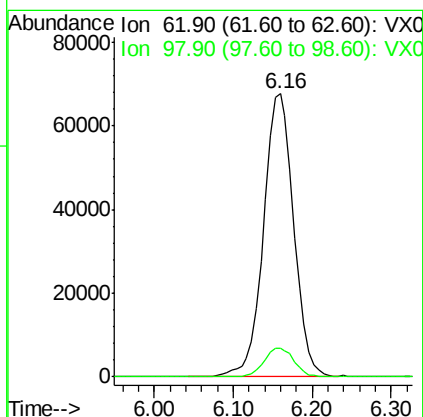
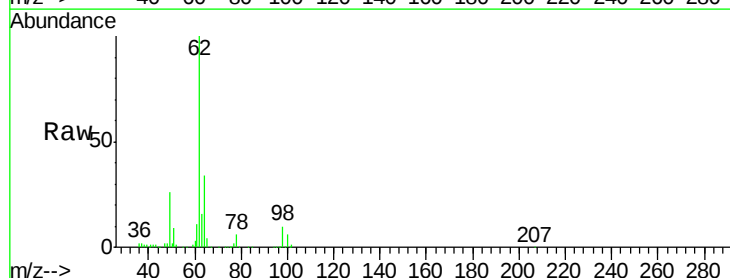
RT: 6.16 min Scan# 832

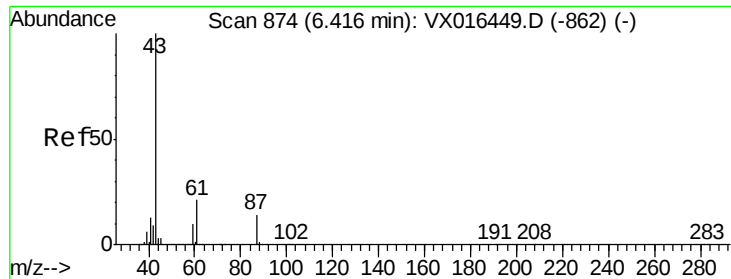
Delta R.T. -0.01 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 62      | 100  |       |       |       |
| 98      | 10.2 | 0.0   | 19.8  |       |





#43

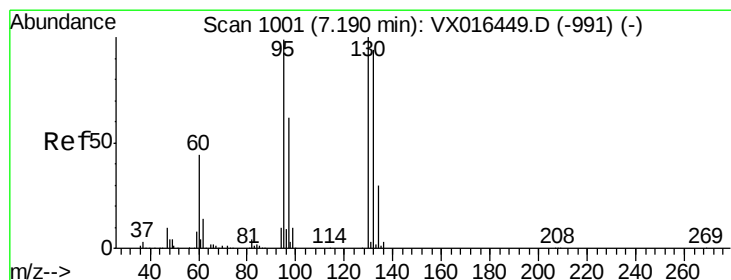
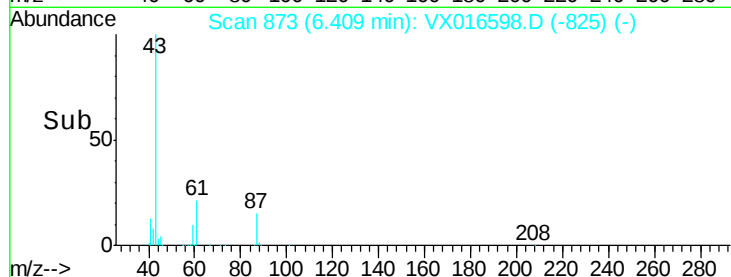
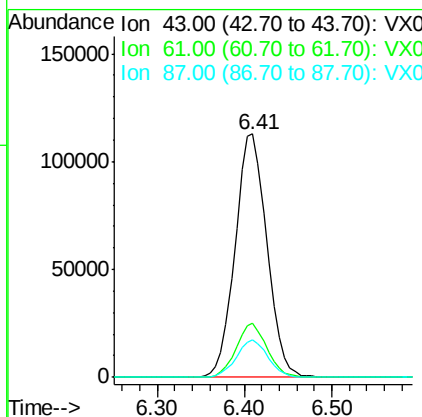
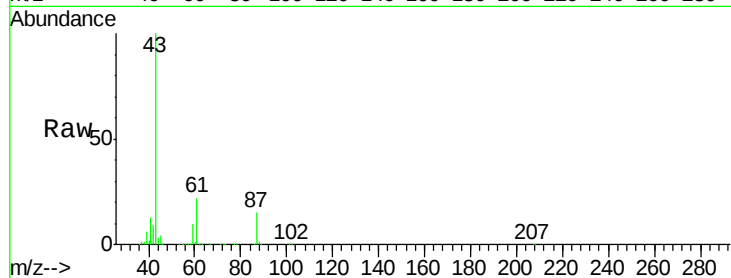
Isopropyl Acetate  
 Concen: 44.832 ug/l  
 RT: 6.41 min Scan# 873  
 Delta R.T. -0.01 min  
 Lab File: VX016598.D  
 Acq: 05 Jun 2020 09:46

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 21.8  | 16.8  | 25.2  |
| 87      | 15.2  | 11.2  | 16.8  |

Manual Integrations  
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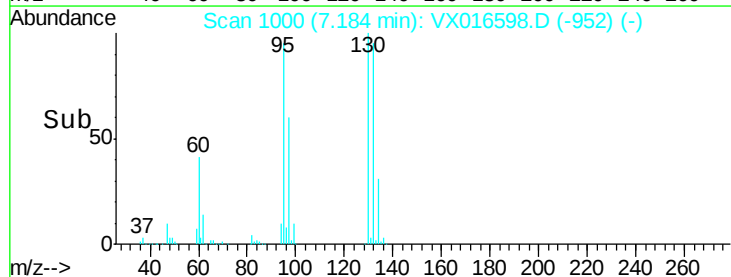
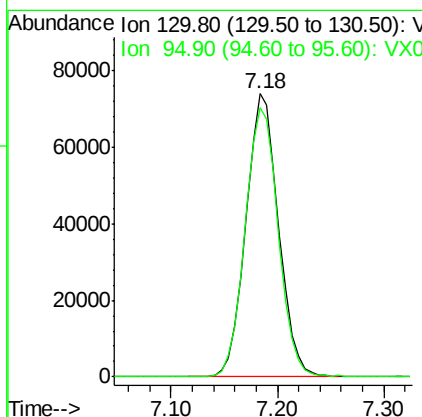
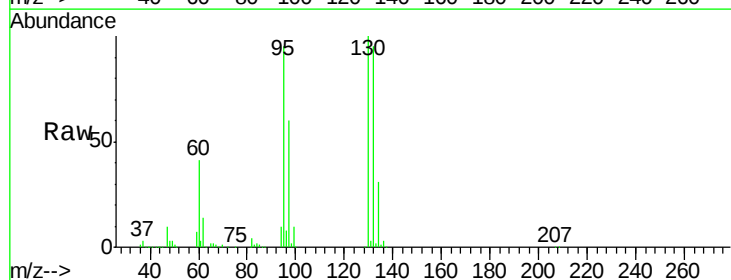
MMDadoda  
 6/8/2020 4:55:37 PM

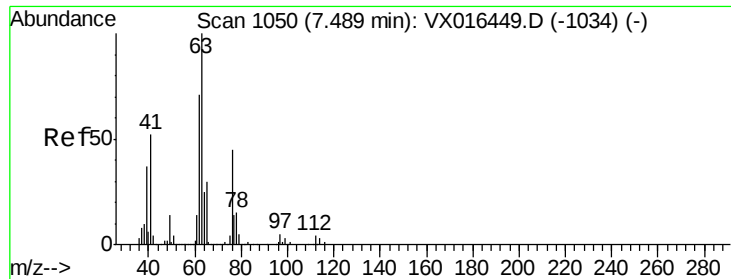


#44

Trichloroethene  
 Concen: 49.868 ug/l  
 RT: 7.18 min Scan# 1000  
 Delta R.T. -0.01 min  
 Lab File: VX016598.D  
 Acq: 05 Jun 2020 09:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 95.3  | 0.0   | 198.2 |





#45

1,2-Dichloropropane

Concen: 48.671 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 124586

Ion Ratio Lower Upper

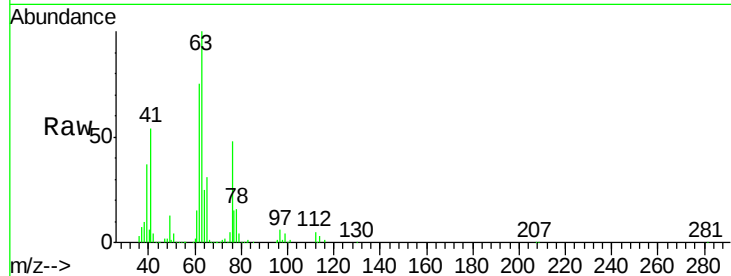
63 100

65 31.5 24.2 36.2

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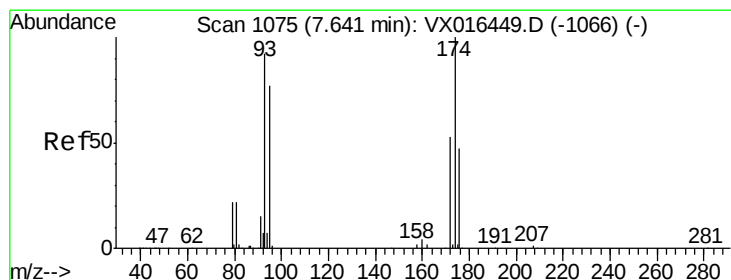
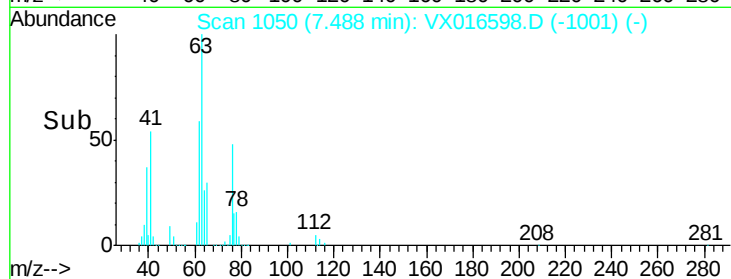
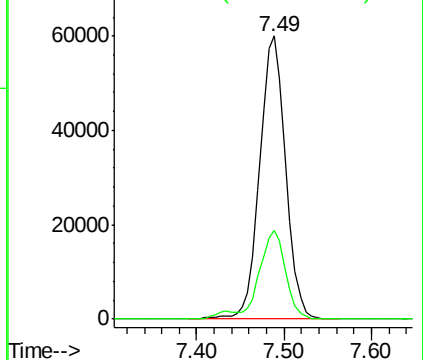
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.741 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

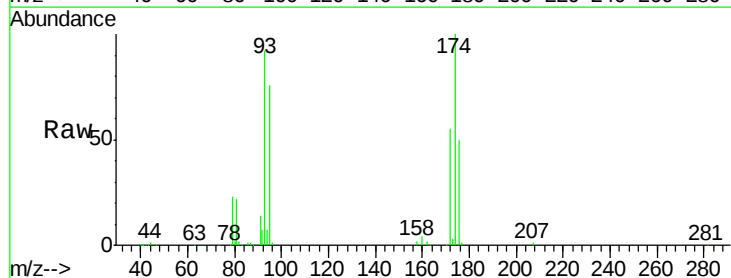
Tgt Ion: 93 Resp: 85520

Ion Ratio Lower Upper

93 100

95 84.3 66.6 100.0

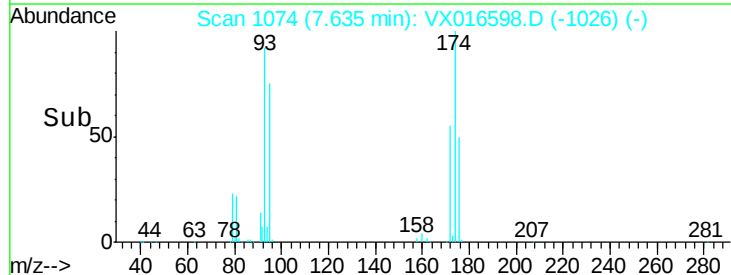
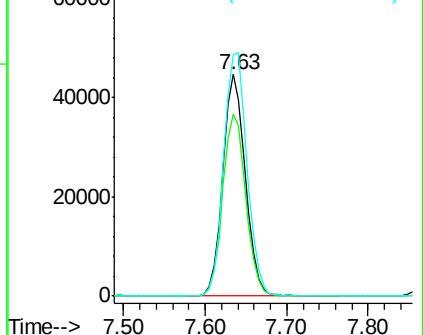
174 113.2 86.2 129.4

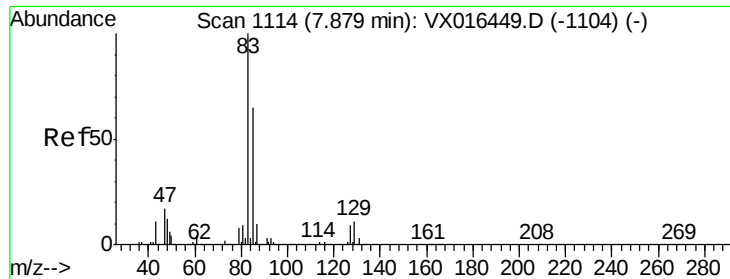


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.263 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Instrument :

MSVOA\_X

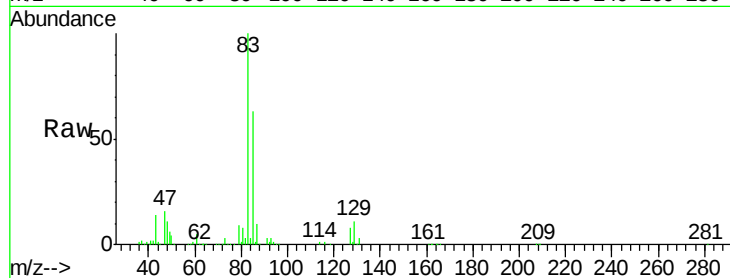
ClientSampleId :

VSTDCCC050

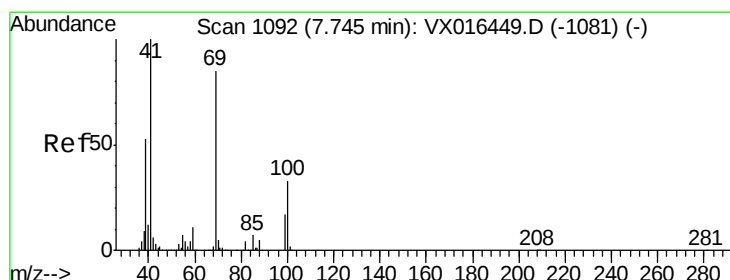
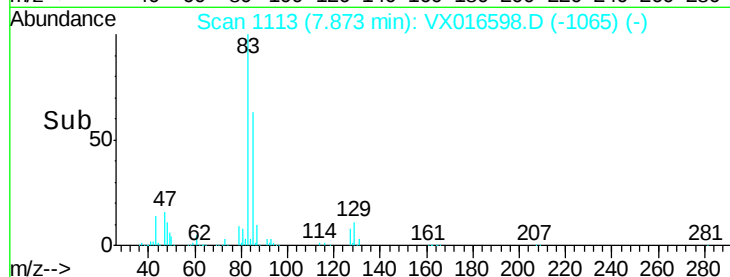
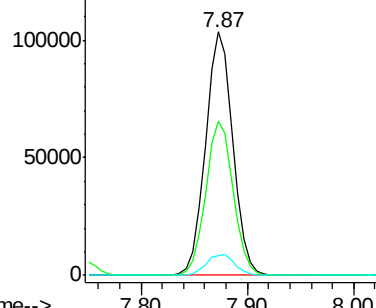
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 186056 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 63.4  | 52.0  | 78.0   |
| 127       | 8.2   | 7.4   | 11.0   |

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Abundance Ion 82.90 (82.60 to 83.60): VX0  
Ion 84.90 (84.60 to 85.60): VX0  
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 45.747 ug/l

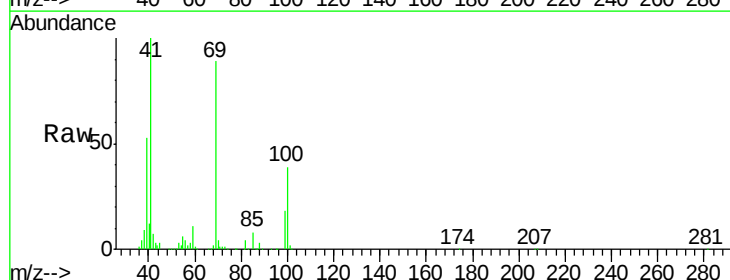
RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

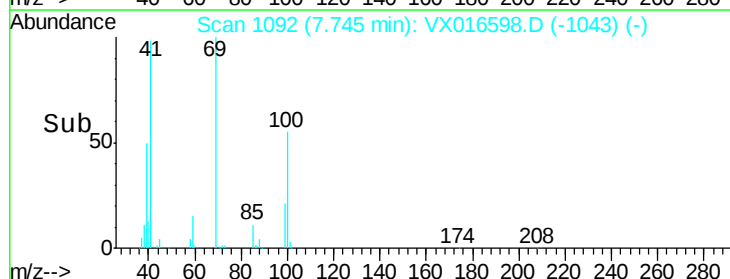
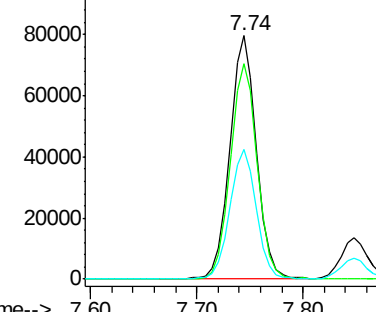
Lab File: VX016598.D

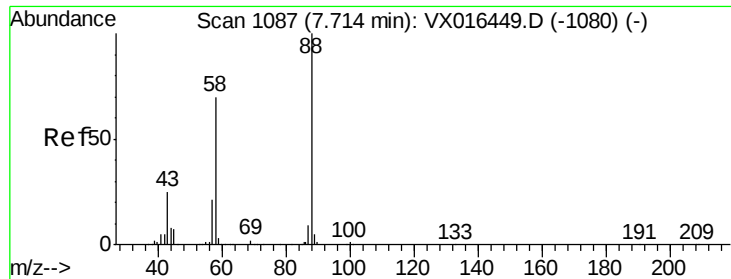
Acq: 05 Jun 2020 09:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 138499 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 89.8  | 68.6  | 102.8  |
| 39        | 53.8  | 42.4  | 63.6   |



Abundance Ion 41.00 (40.70 to 41.70): VX0  
Ion 69.00 (68.70 to 69.70): VX0  
Ion 39.00 (38.70 to 39.70): VX0





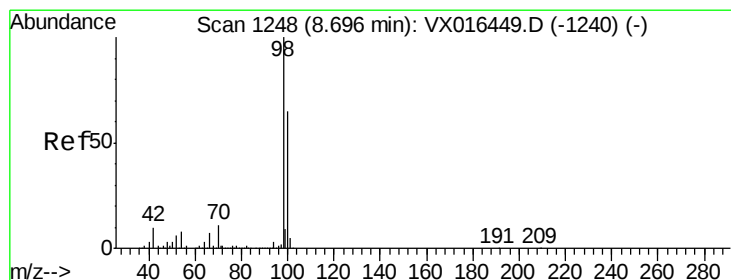
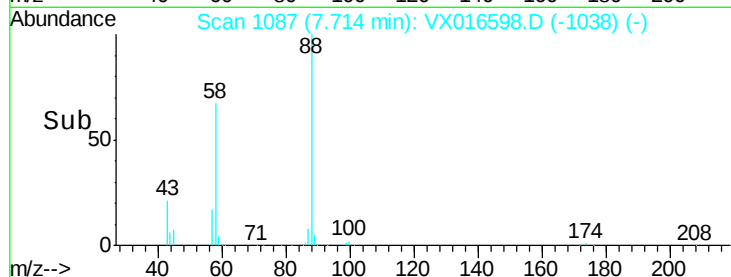
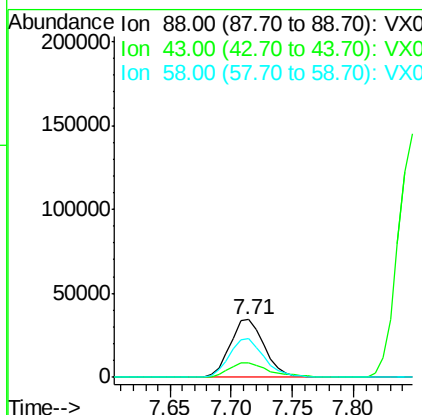
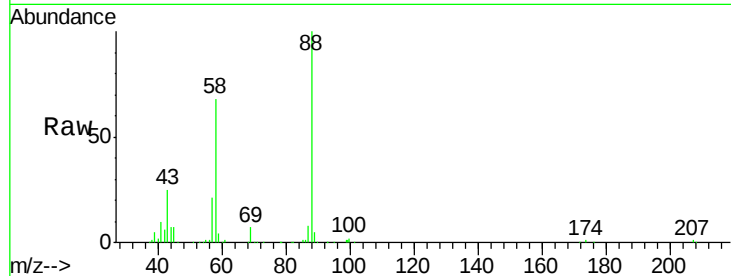
#49  
1,4-Dioxane  
Concen: 944.052 ug/l  
RT: 7.71 min Scan# 1087  
Delta R.T. -0.00 min  
Lab File: VX016598.D  
Acq: 05 Jun 2020 09:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 29.1  | 24.2  | 36.4  |
| 58      | 67.9  | 56.5  | 84.7  |

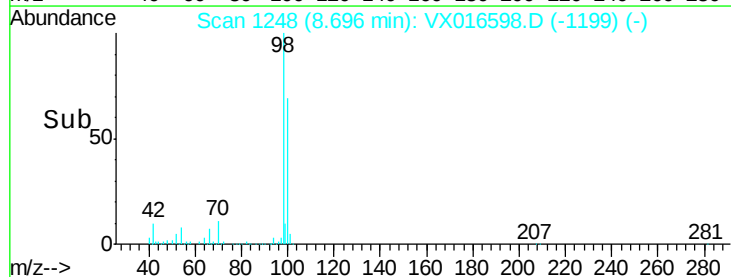
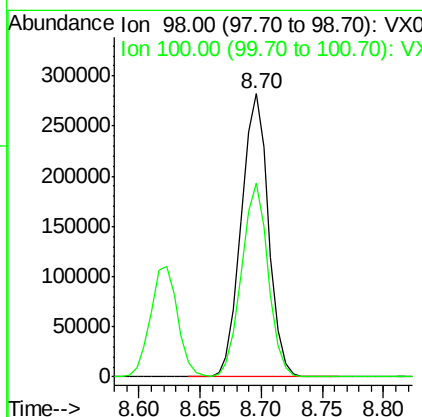
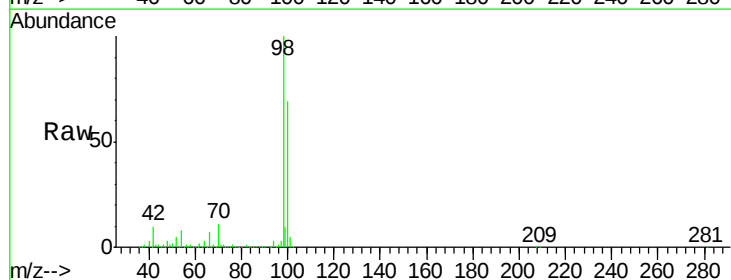
Manual Integrations  
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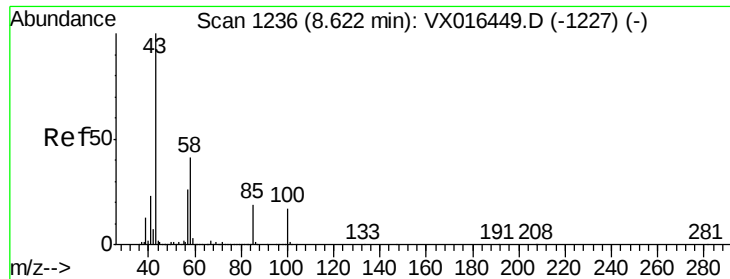
MMDadoda  
6/8/2020 4:55:37 PM



#50  
Toluene-d8  
Concen: 50.774 ug/l  
RT: 8.70 min Scan# 1248  
Delta R.T. -0.00 min  
Lab File: VX016598.D  
Acq: 05 Jun 2020 09:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 67.0  | 53.8  | 80.6  |





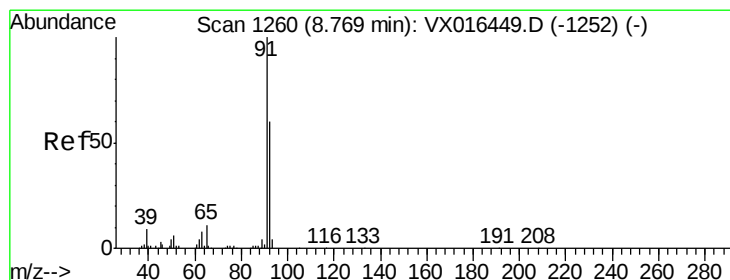
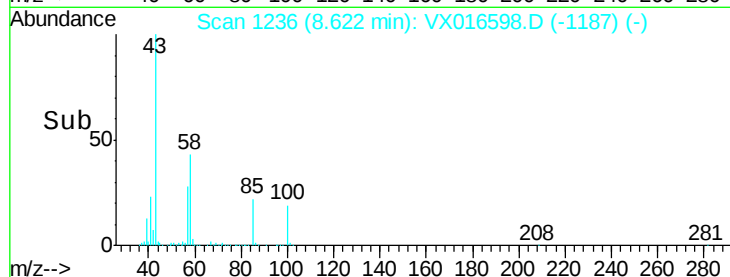
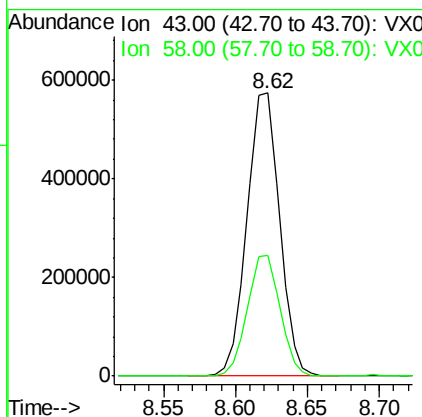
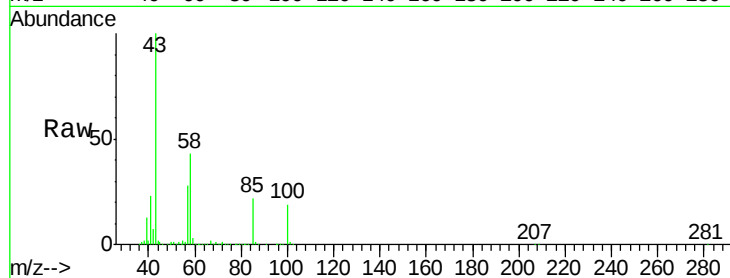
#51  
4-Methyl-2-Pentanone  
Concen: 228.788 ug/l  
RT: 8.62 min Scan# 1236  
Delta R.T. -0.00 min  
Lab File: VX016598.D  
Acq: 05 Jun 2020 09:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | 43    | Resp  | 900768 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 43      | 100   |       |        |
| 58      | 42.8  | 33.0  | 49.6   |

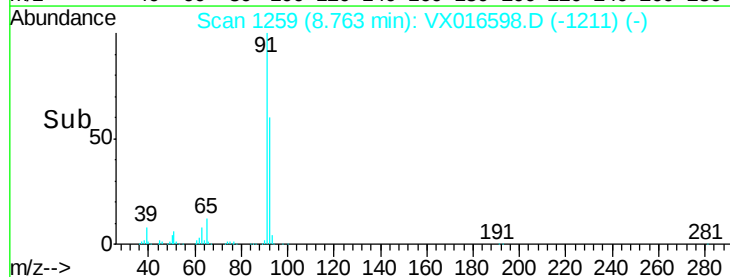
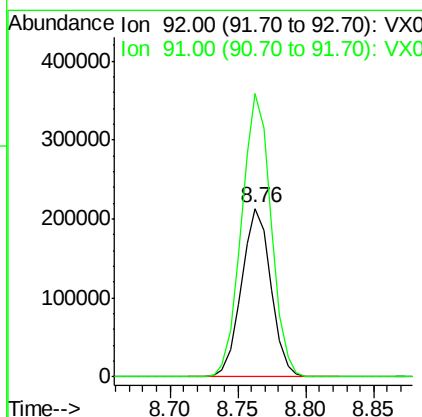
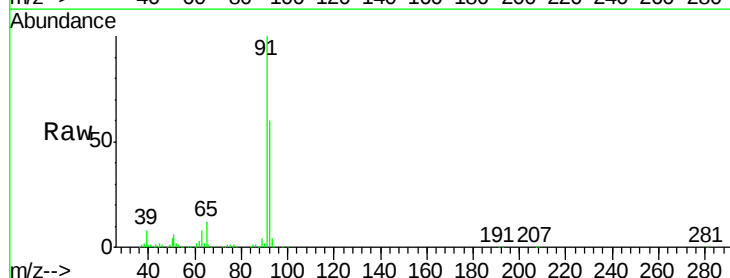
Manual Integrations  
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#52  
Toluene  
Concen: 50.784 ug/l  
RT: 8.76 min Scan# 1259  
Delta R.T. -0.01 min  
Lab File: VX016598.D  
Acq: 05 Jun 2020 09:46

| Tgt Ion | 92    | Resp  | 322001 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 92      | 100   |       |        |
| 91      | 169.0 | 135.0 | 202.4  |





#53

t-1,3-Dichloropropene

Concen: 51.681 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 209206

Ion Ratio Lower Upper

75 100

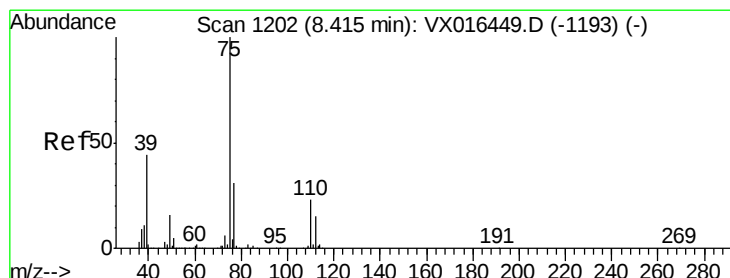
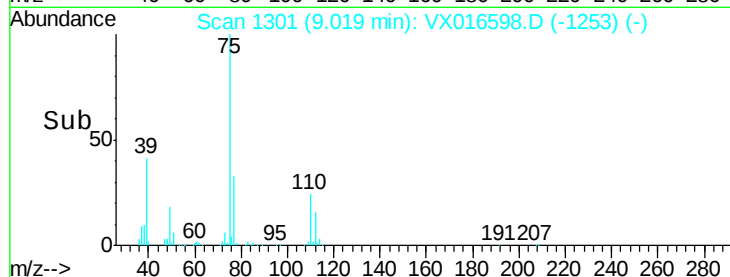
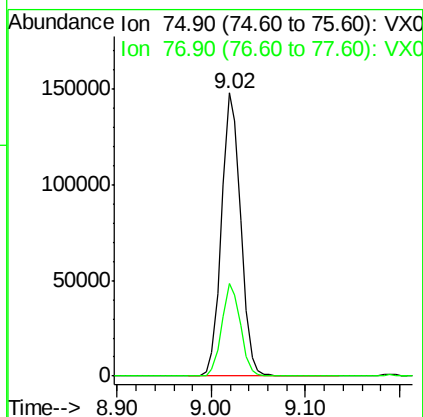
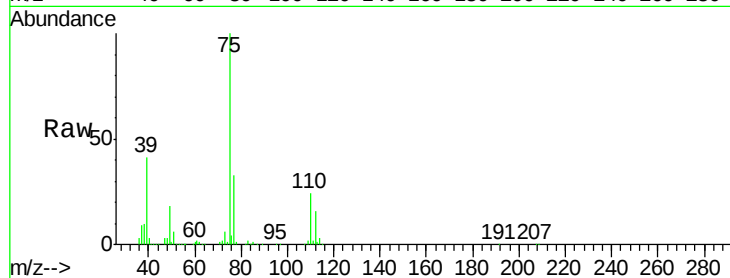
77 32.7 25.5 38.3

Manual Integrations

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6/8/2020 4:55:37 PM



#54

cis-1,3-Dichloropropene

Concen: 51.074 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

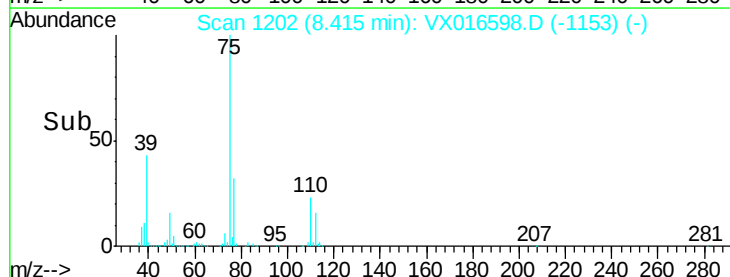
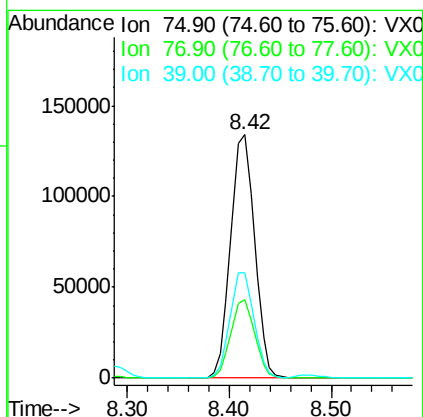
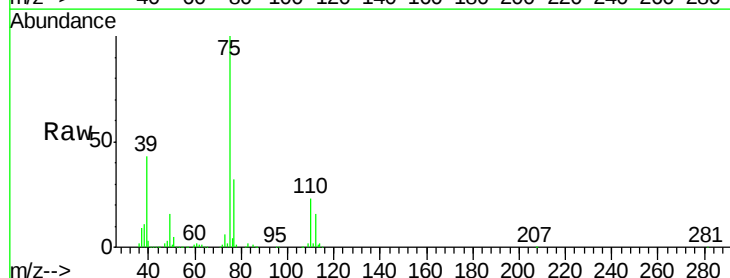
Tgt Ion: 75 Resp: 218838

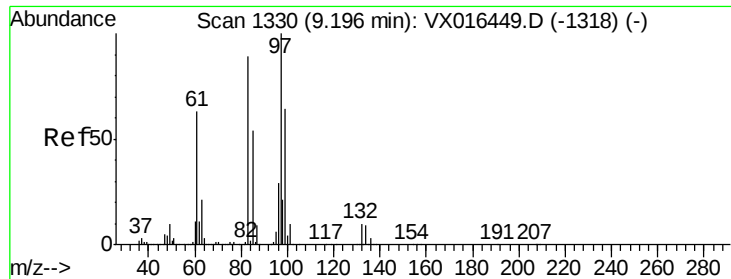
Ion Ratio Lower Upper

75 100

77 32.2 24.6 36.8

39 43.1 35.3 52.9





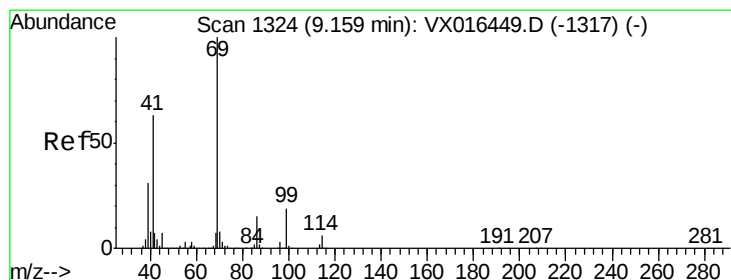
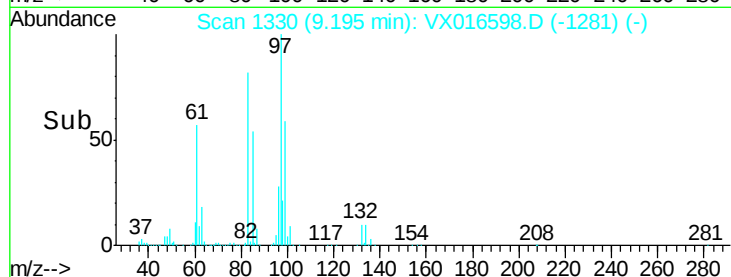
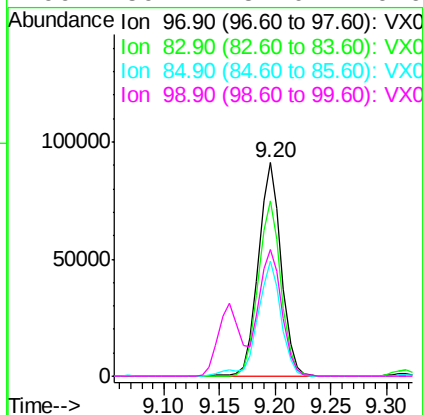
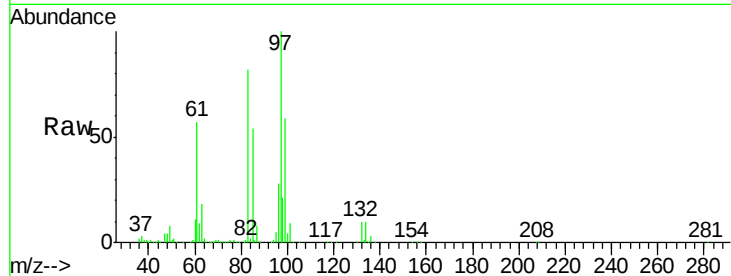
#55  
 1,1,2-Trichloroethane  
 Concen: 52.151 ug/l  
 RT: 9.20 min Scan# 1330  
 Delta R.T. -0.00 min  
 Lab File: VX016598.D  
 Acq: 05 Jun 2020 09:46

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 131474 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 82.1  | 70.9  | 106.3  |
| 85       | 54.0  | 43.4  | 65.2   |
| 99       | 59.4  | 51.0  | 76.6   |

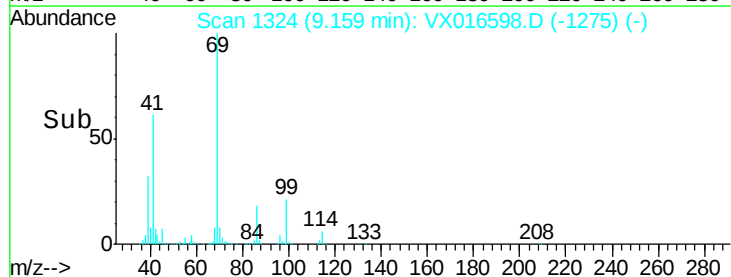
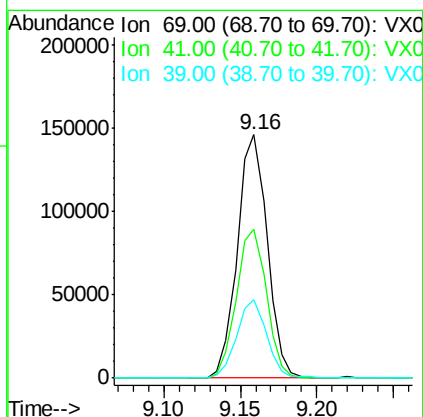
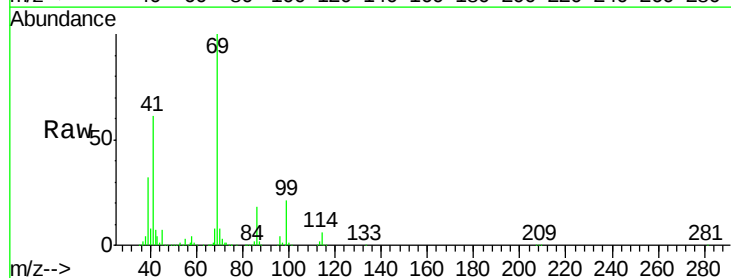
Manual Integrations  
 APPROVED

MMDadoda  
 6/8/2020 4:55:37 PM



#56  
 Ethyl methacrylate  
 Concen: 48.256 ug/l  
 RT: 9.16 min Scan# 1324  
 Delta R.T. -0.00 min  
 Lab File: VX016598.D  
 Acq: 05 Jun 2020 09:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 198129 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 62.2  | 50.7  | 76.1   |
| 39       | 32.5  | 25.8  | 38.6   |





#57

1,3-Dichloropropane

Concen: 50.338 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 217824

Ion Ratio Lower Upper

76 100

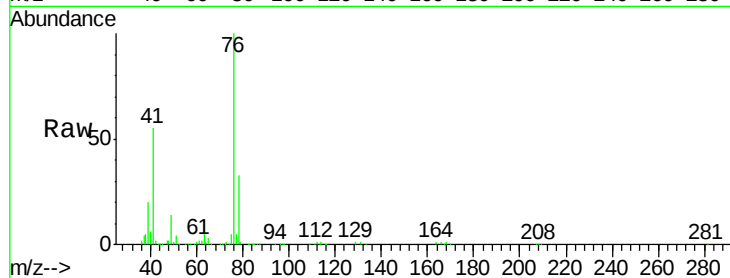
78 32.6 26.2 39.4

Manual Integrations

APPROVED

MMDadoda

6/8/2020 4:55:37 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

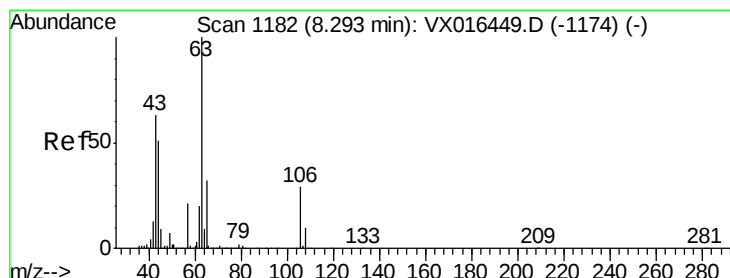
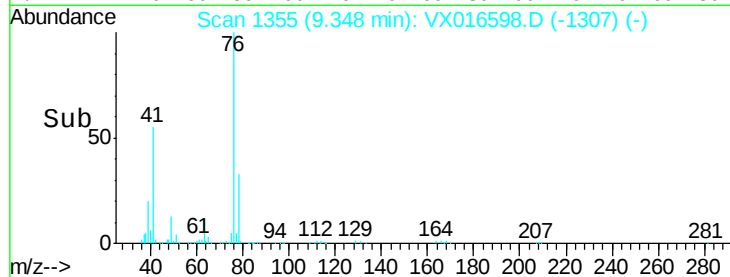
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 247.494 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016598.D

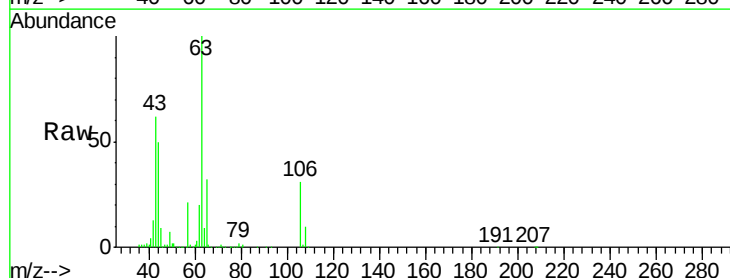
Acq: 05 Jun 2020 09:46

Tgt Ion: 63 Resp: 530394

Ion Ratio Lower Upper

63 100

106 31.2 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

400000

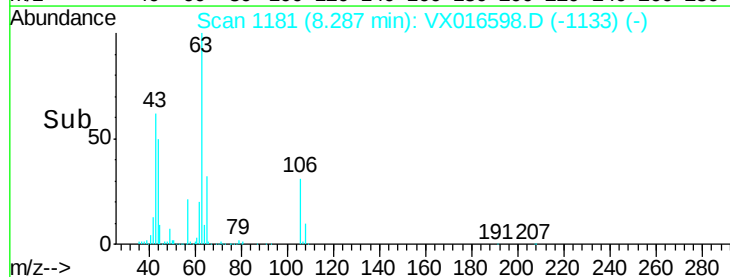
300000

200000

100000

0

Time-->





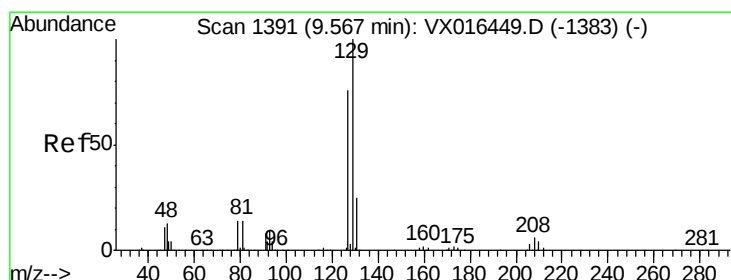
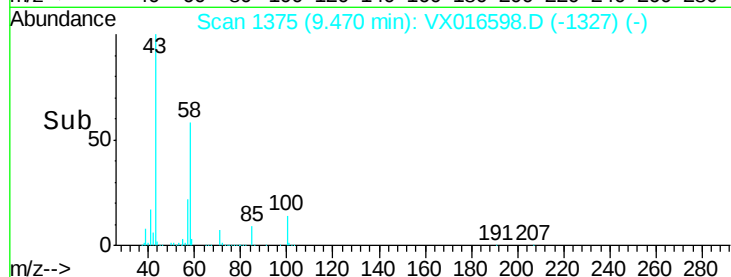
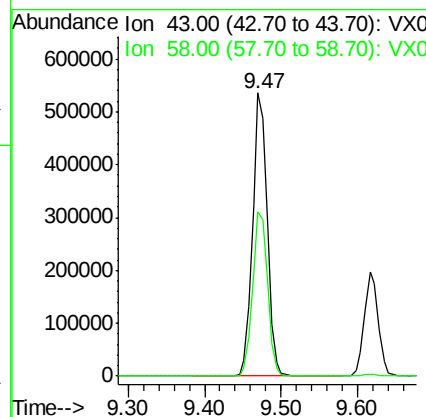
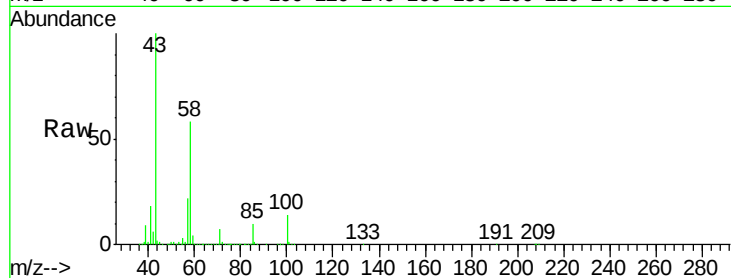
#59  
2-Hexanone  
Concen: 230.995 ug/l  
RT: 9.47 min Scan# 1375  
Delta R.T. -0.01 min  
Lab File: VX016598.D  
Acq: 05 Jun 2020 09:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 707248  
Ion Ratio Lower Upper  
43 100  
58 59.6 28.8 86.4

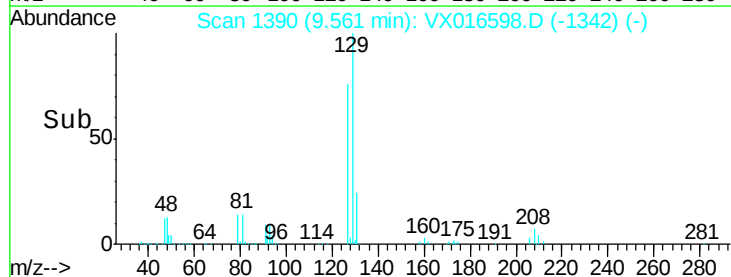
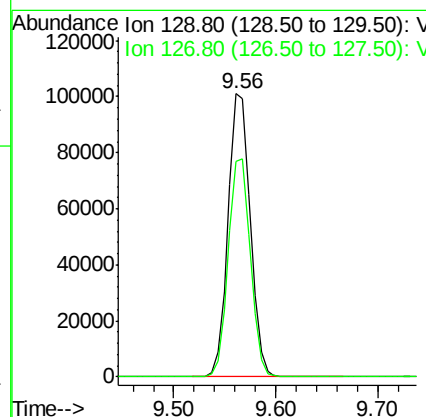
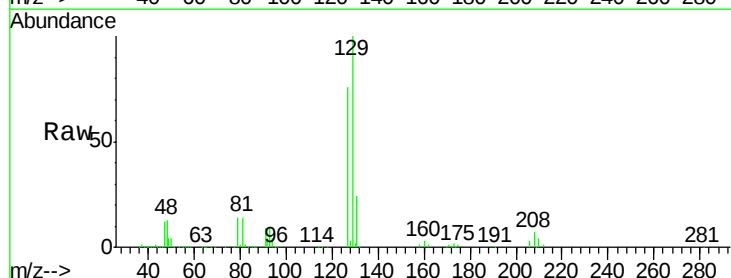
Manual Integrations  
APPROVED

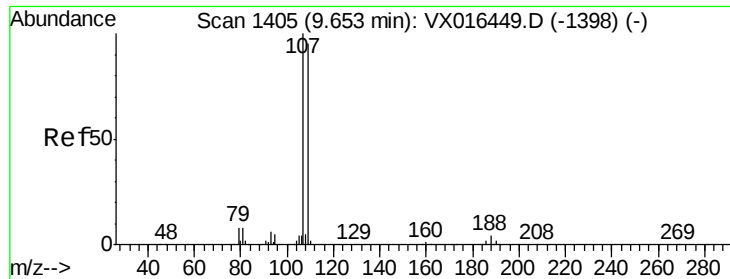
MMDadoda  
6/8/2020 4:55:37 PM



#60  
Dibromochloromethane  
Concen: 53.723 ug/l  
RT: 9.56 min Scan# 1390  
Delta R.T. -0.01 min  
Lab File: VX016598.D  
Acq: 05 Jun 2020 09:46

Tgt Ion: 129 Resp: 152414  
Ion Ratio Lower Upper  
129 100  
127 77.1 38.6 116.0





#61

1,2-Dibromoethane

Concen: 51.289 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 138463

Ion Ratio Lower Upper

107 100

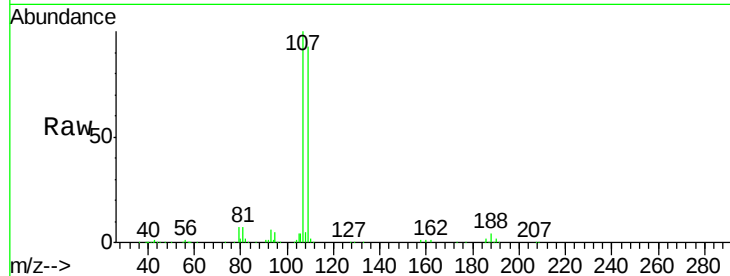
109 95.0 75.5 113.3

Manual Integrations

APPROVED

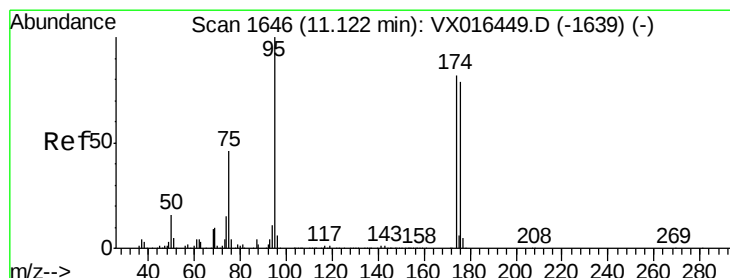
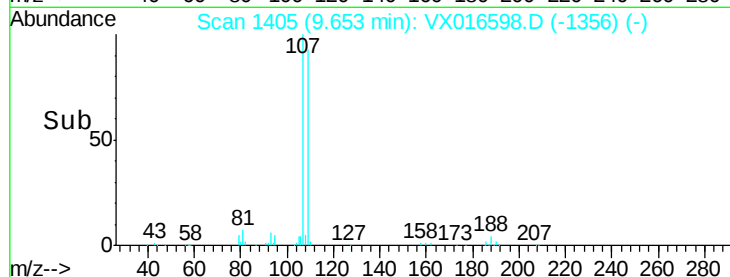
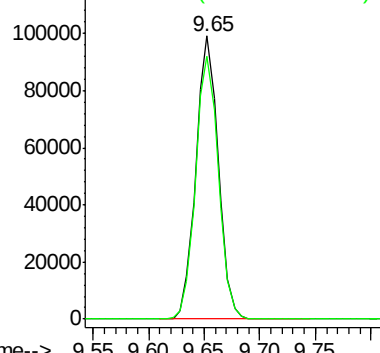
MMDadoda

6/8/2020 4:55:37 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.061 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

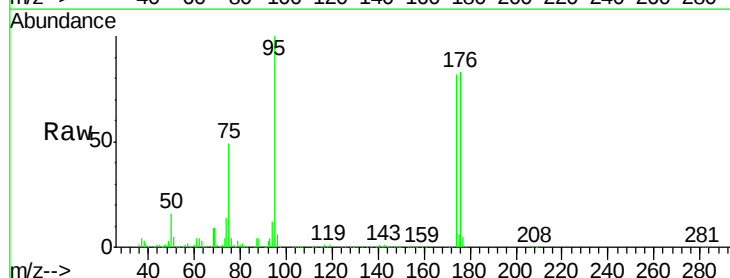
Tgt Ion: 95 Resp: 165321

Ion Ratio Lower Upper

95 100

174 82.2 0.0 163.0

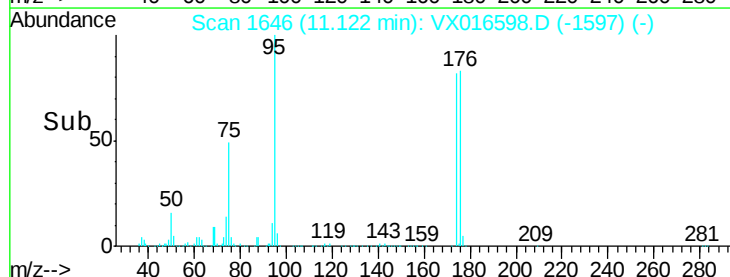
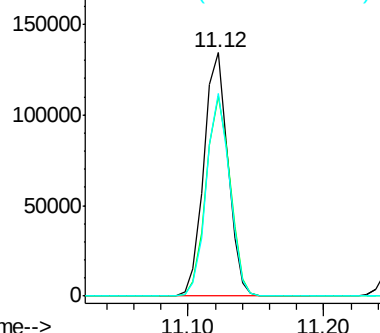
176 81.0 0.0 156.8

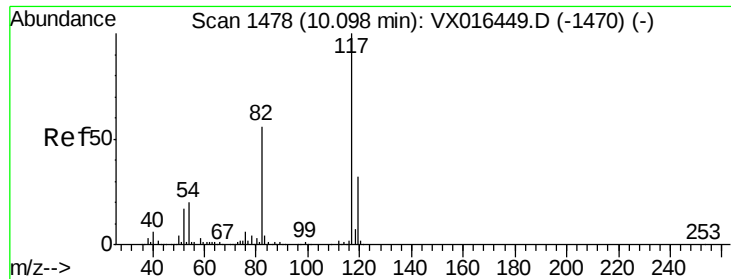


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





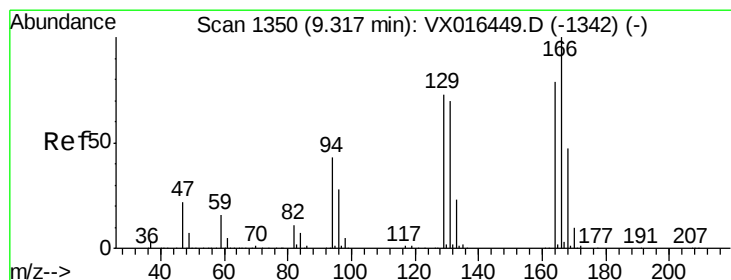
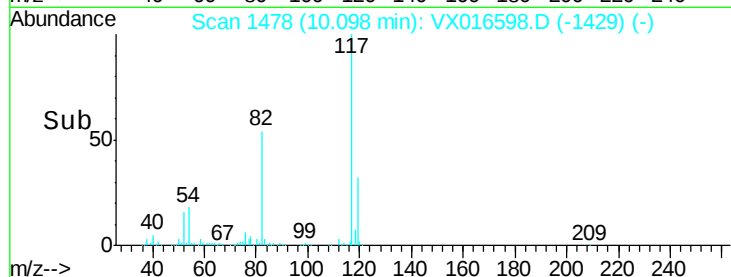
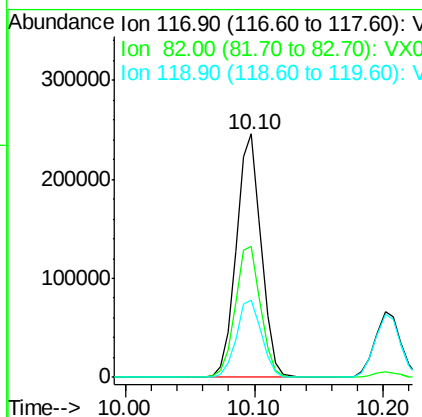
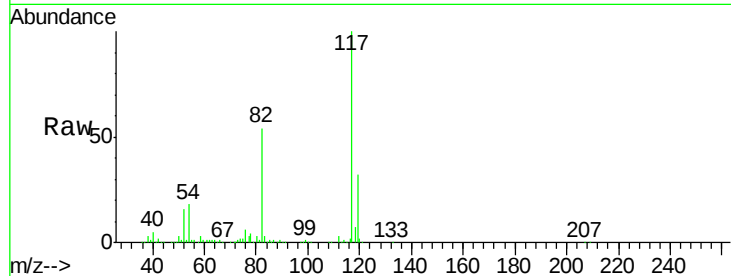
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. -0.00 min  
Lab File: VX016598.D  
Acq: 05 Jun 2020 09:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 328581 |       |       |
| 82      | 54.0  |        | 45.0  | 67.6  |
| 119     | 31.9  |        | 25.8  | 38.8  |

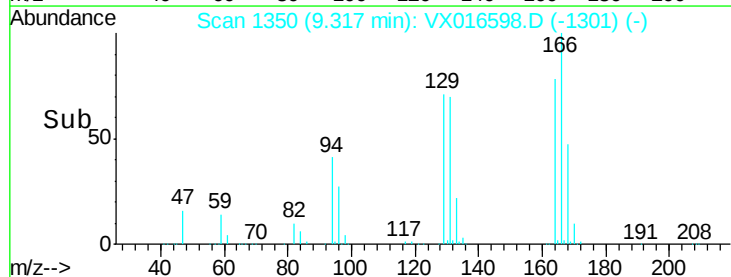
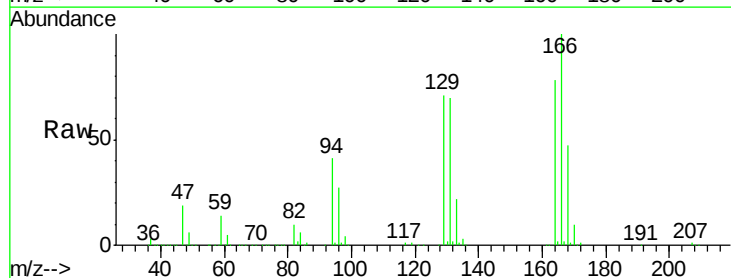
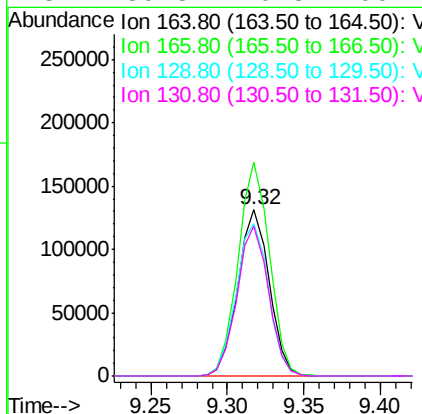
Manual Integrations  
APPROVED

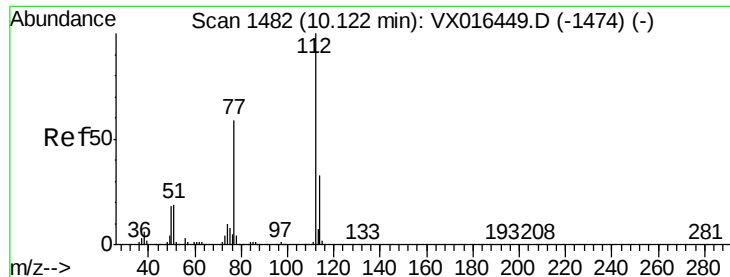
MMDadoda  
6/8/2020 4:55:37 PM



#64  
Tetrachloroethene  
Concen: 51.150 ug/l  
RT: 9.32 min Scan# 1350  
Delta R.T. -0.00 min  
Lab File: VX016598.D  
Acq: 05 Jun 2020 09:46

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 188035 |       |       |
| 166     | 128.5 |        | 100.9 | 151.3 |
| 129     | 91.3  |        | 73.2  | 109.8 |
| 131     | 89.8  |        | 70.8  | 106.2 |





#65

Chlorobenzene

Concen: 51.805 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 347033

Ion Ratio Lower Upper

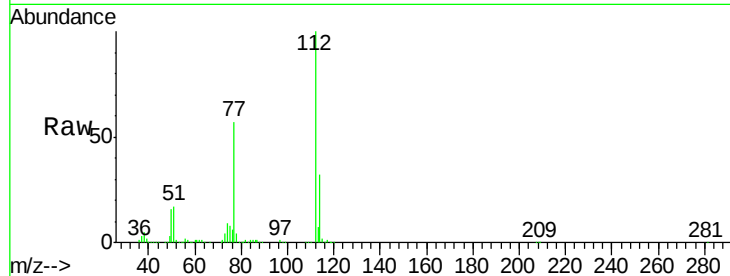
112 100

114 31.9 26.0 39.0

Manual Integrations  
APPROVED

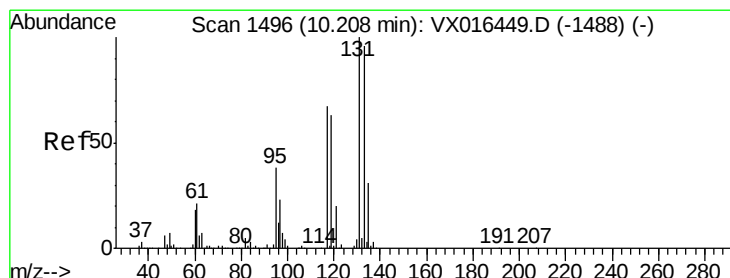
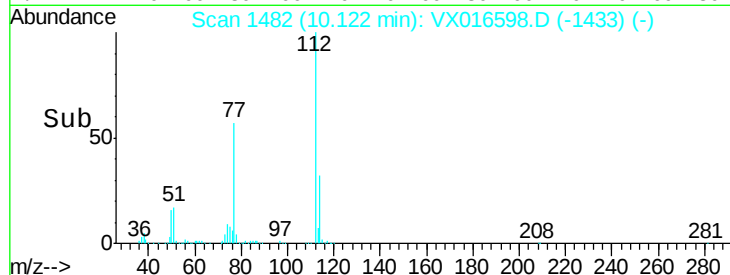
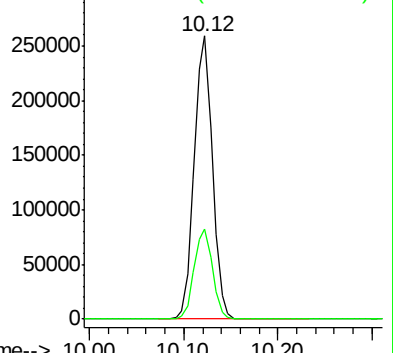
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 53.564 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

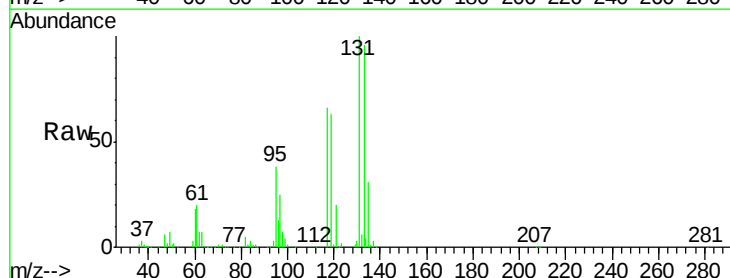
Tgt Ion:131 Resp: 136970

Ion Ratio Lower Upper

131 100

133 96.1 48.4 145.3

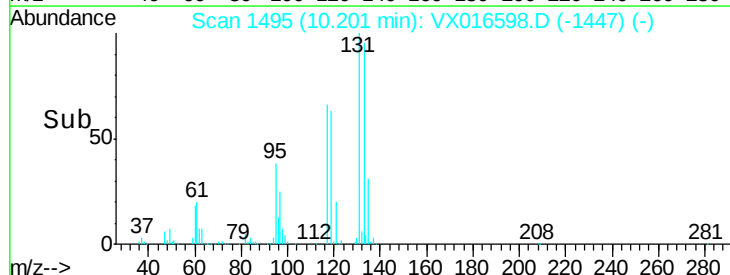
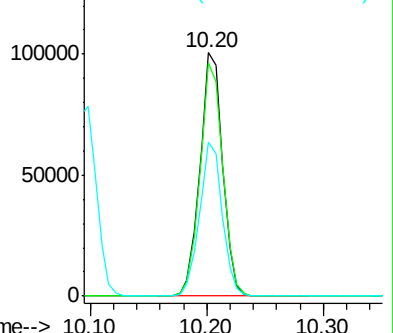
119 63.4 32.0 96.2

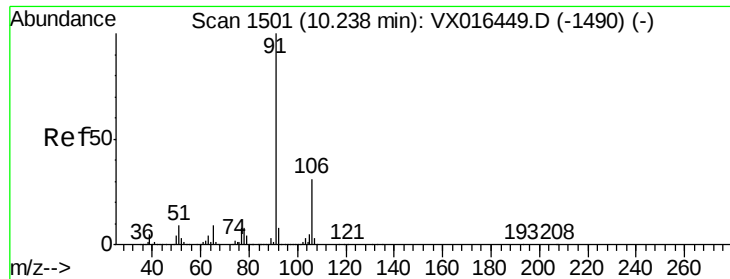


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 51.589 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 615288

Ion Ratio Lower Upper

91 100

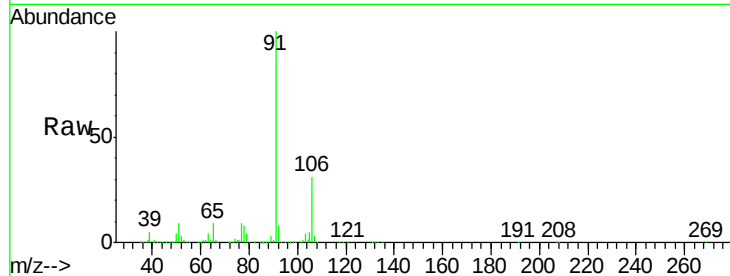
106 31.1 25.0 37.4

Manual Integrations

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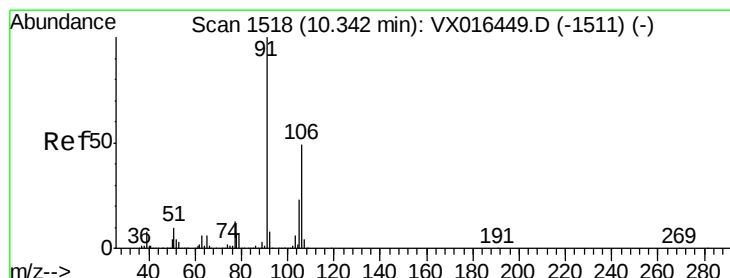
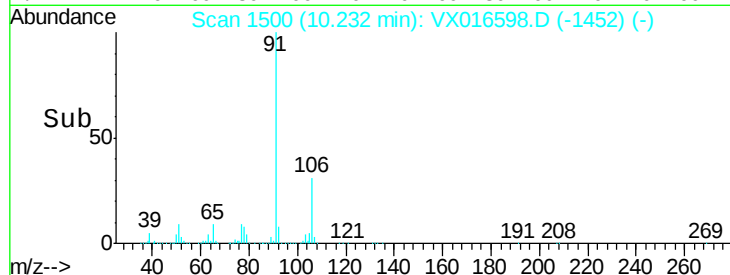
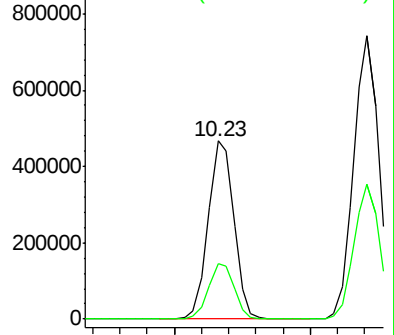
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 105.191 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016598.D

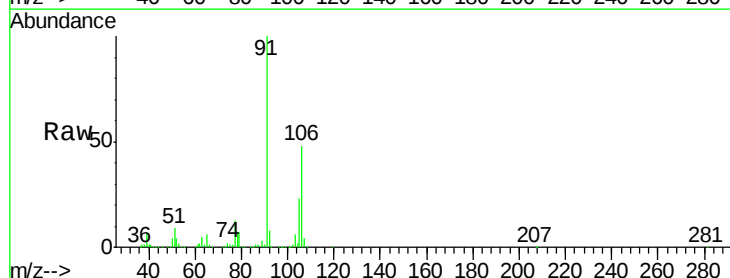
Acq: 05 Jun 2020 09:46

Tgt Ion: 106 Resp: 465168

Ion Ratio Lower Upper

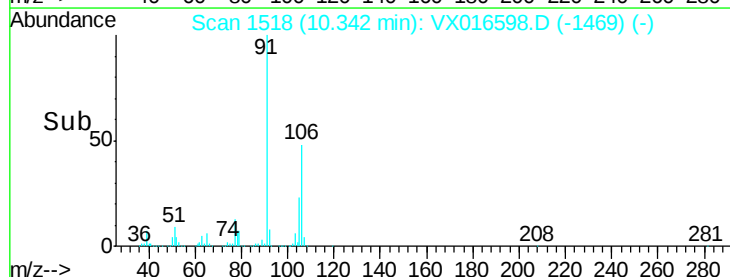
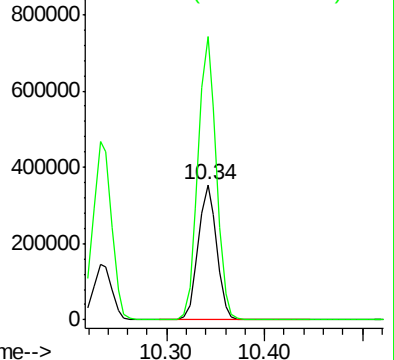
106 100

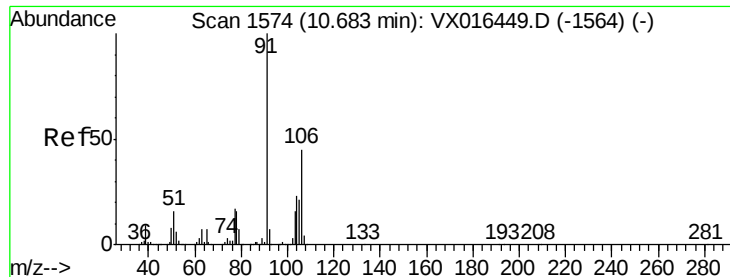
91 207.6 163.8 245.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





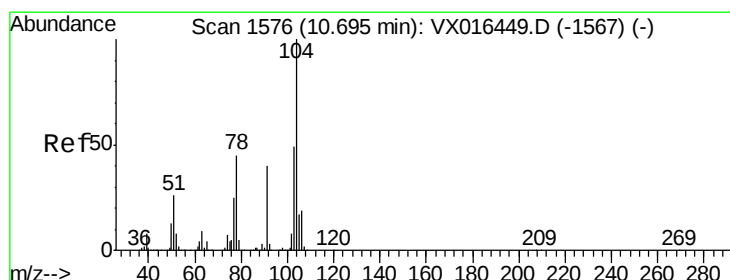
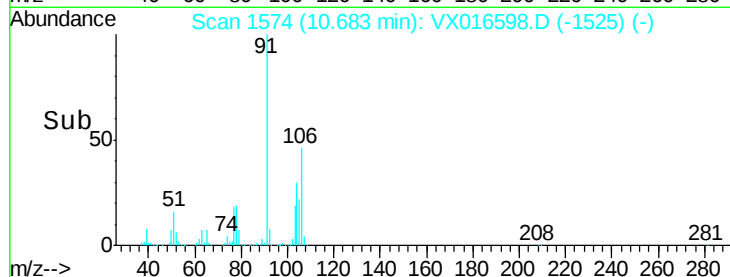
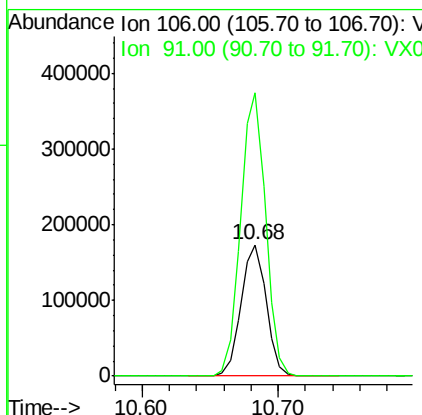
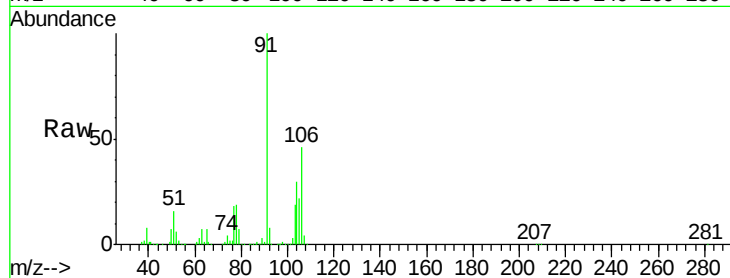
#69  
o-Xylene  
Concen: 52.138 ug/l  
RT: 10.68 min Scan# 1574  
Delta R.T. -0.00 min  
Lab File: VX016598.D  
Acq: 05 Jun 2020 09:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 214.1 | 109.6 | 328.8 |

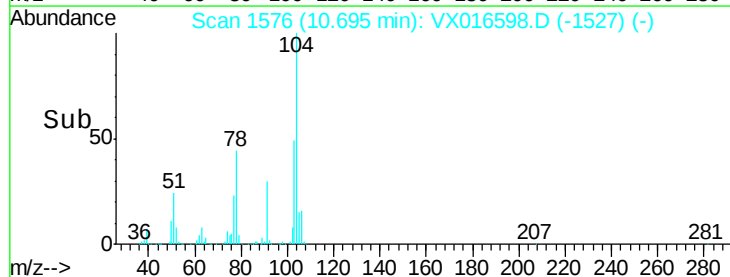
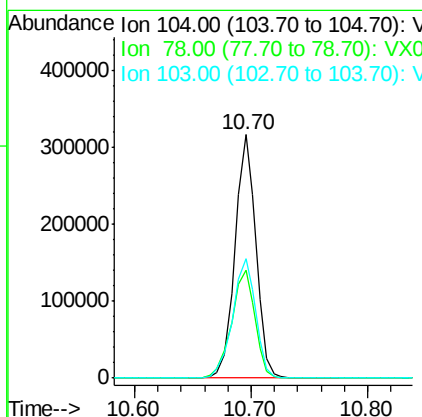
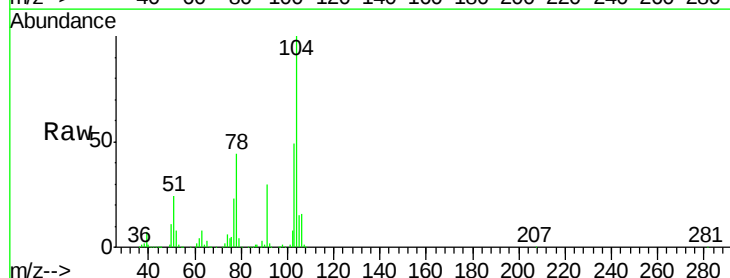
Manual Integrations  
APPROVED

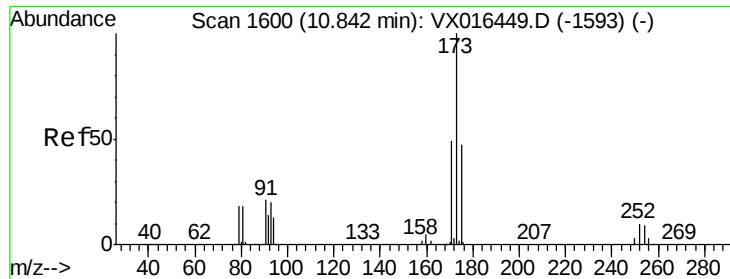
MMDadoda  
6/8/2020 4:55:37 PM



#70  
Styrene  
Concen: 53.792 ug/l  
RT: 10.70 min Scan# 1576  
Delta R.T. -0.00 min  
Lab File: VX016598.D  
Acq: 05 Jun 2020 09:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 49.9  | 40.2  | 60.2  |
| 103     | 54.1  | 43.1  | 64.7  |





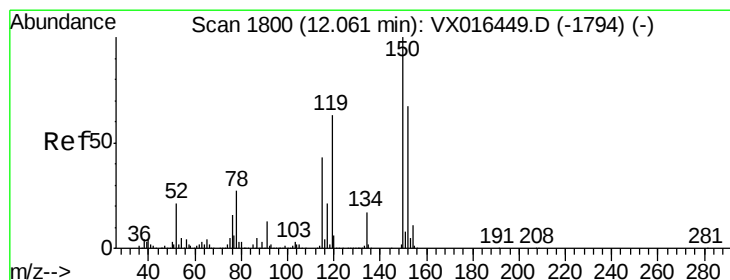
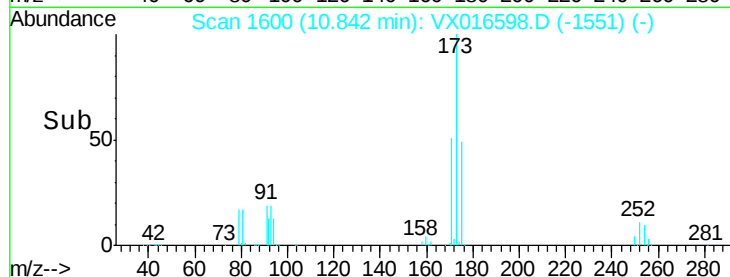
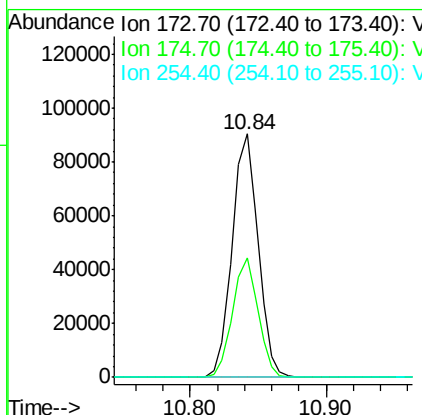
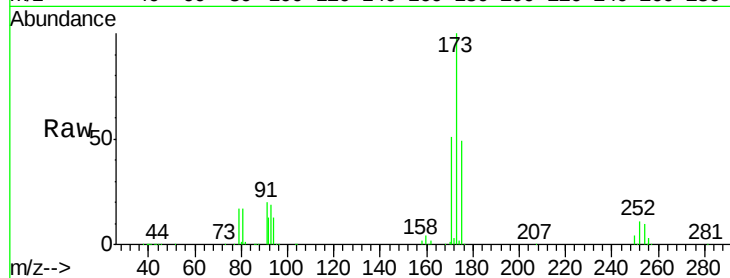
#71  
Bromoform  
Concen: 55.499 ug/l  
RT: 10.84 min Scan# 1600  
Delta R.T. -0.00 min  
Lab File: VX016598.D  
Acq: 05 Jun 2020 09:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 48.6  | 23.9  | 71.7  |
| 254     | 0.1   | 0.1   | 0.1   |

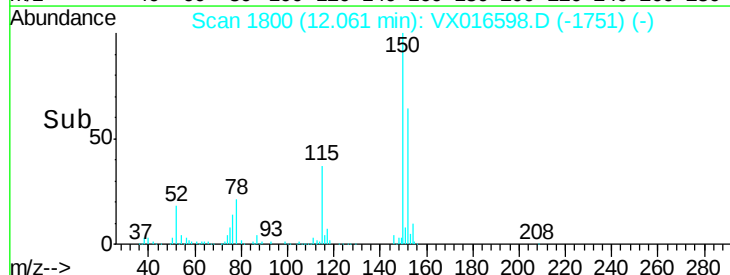
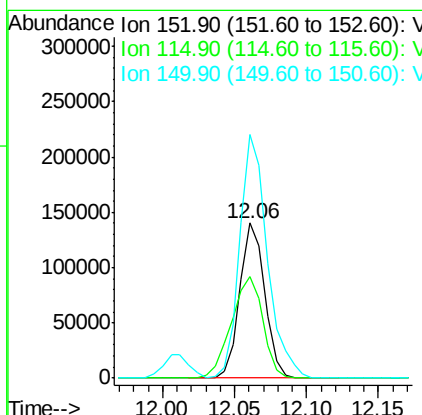
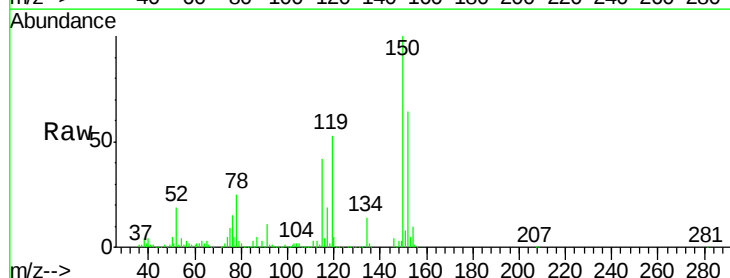
Manual Integrations  
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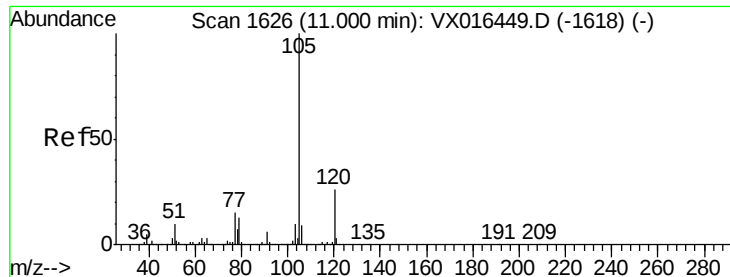
MMDadoda  
6/8/2020 4:55:37 PM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.06 min Scan# 1800  
Delta R.T. -0.00 min  
Lab File: VX016598.D  
Acq: 05 Jun 2020 09:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 82.6  | 39.9  | 119.6 |
| 150     | 173.5 | 0.0   | 341.0 |





#73

Isopropylbenzene

Concen: 51.606 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 604147

Ion Ratio Lower Upper

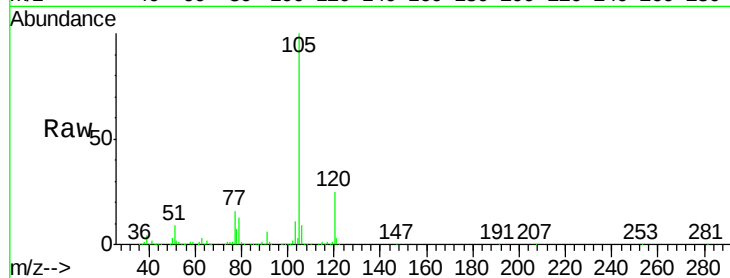
105 100

120 26.0 13.1 39.3

Manual Integrations  
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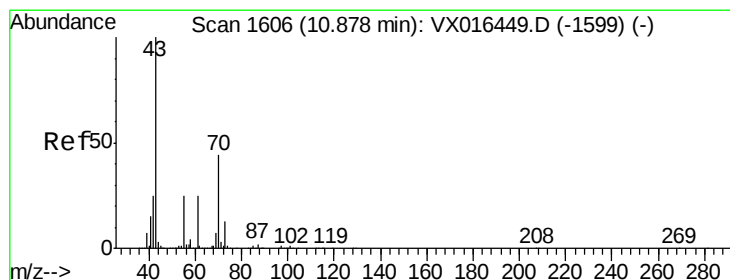
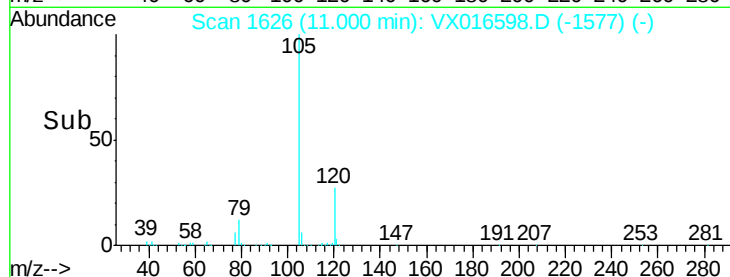
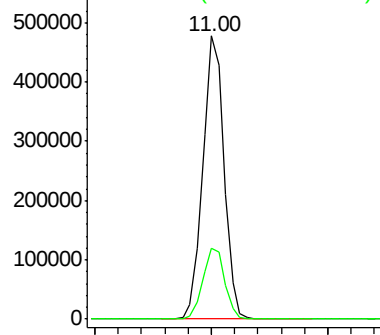
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 44.957 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Tgt Ion: 43 Resp: 242091

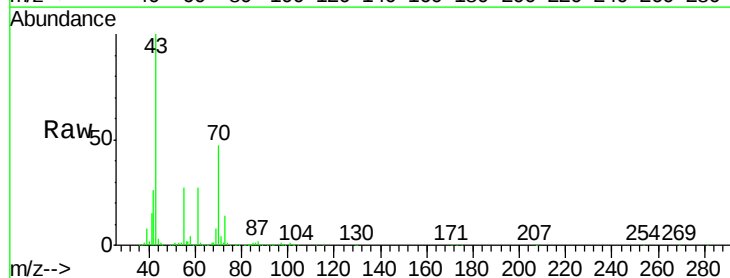
Ion Ratio Lower Upper

43 100

70 48.2 36.1 54.1

55 26.7 20.2 30.4

61 26.8 20.3 30.5

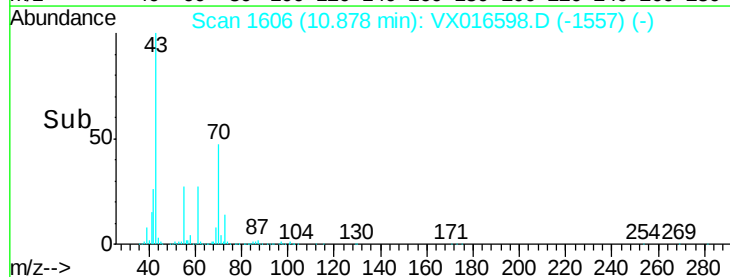
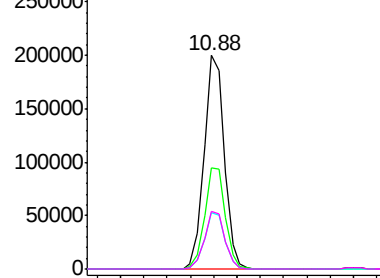


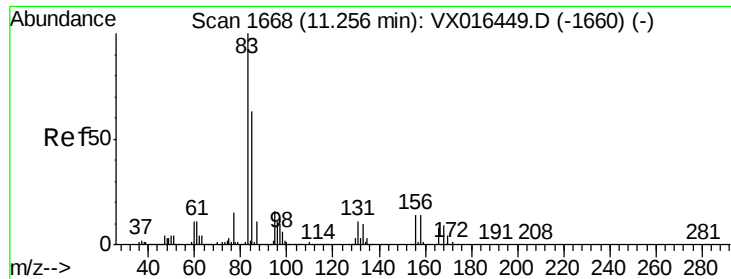
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.451 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Instrument :

MSVOA\_X

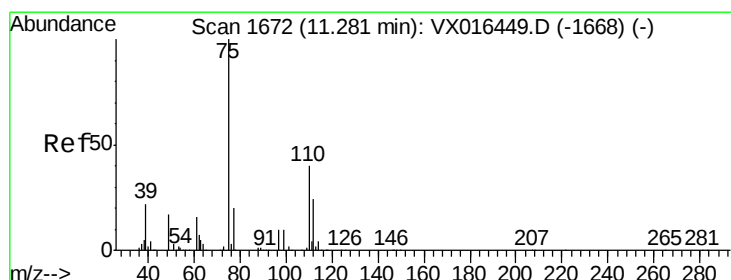
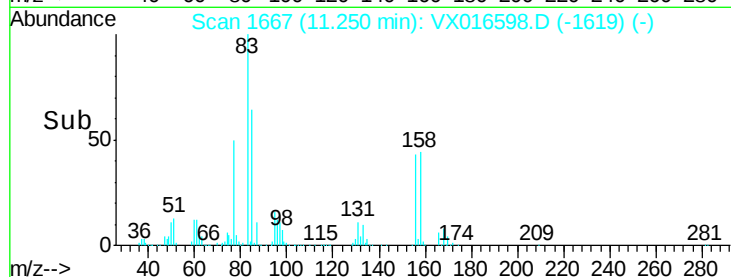
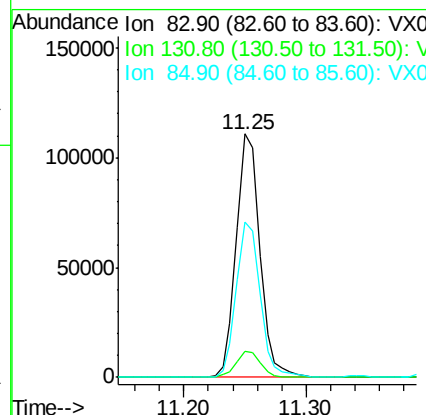
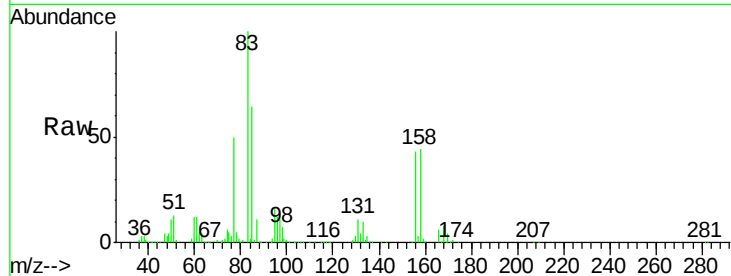
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 148023 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 11.0  | 5.1   | 15.3   |
| 85        | 64.8  | 32.0  | 96.2   |

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#76

1,2,3-Trichloropropane

Concen: 49.656 ug/l m

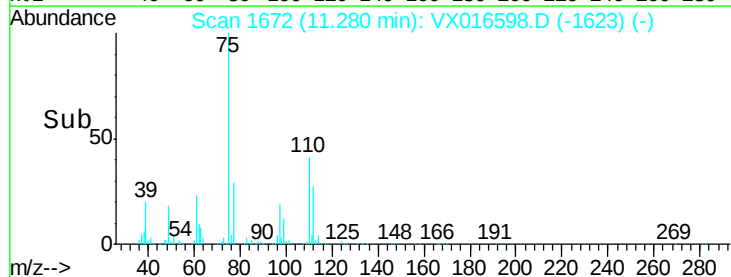
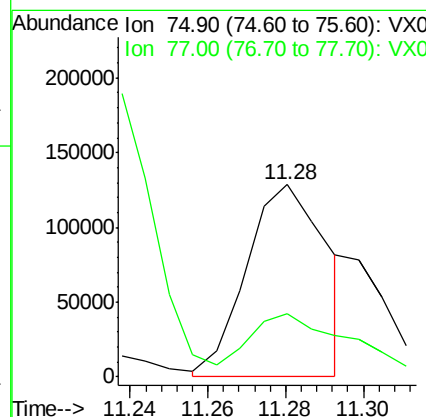
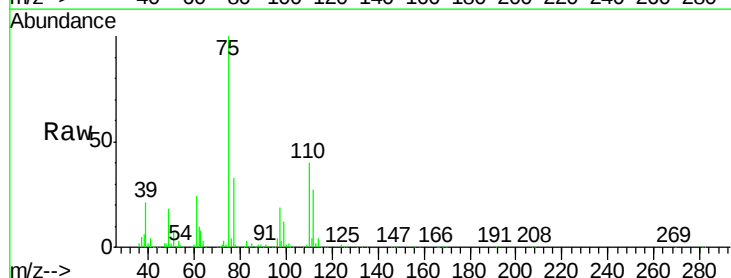
RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 184415 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 41.4  | 21.3  | 63.7   |





#77

Bromobenzene

Concen: 50.949 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Instrument :

MSVOA\_X

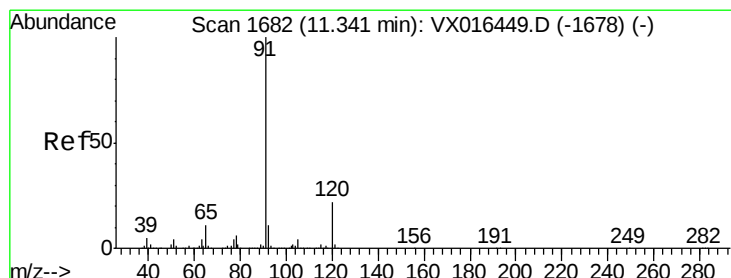
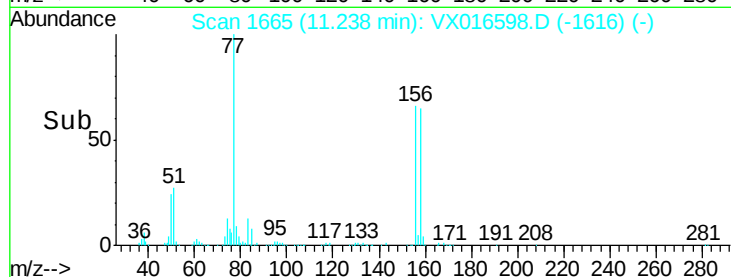
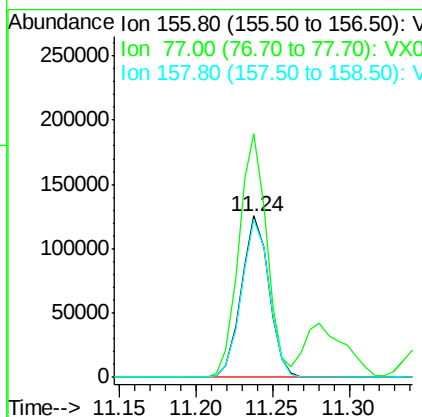
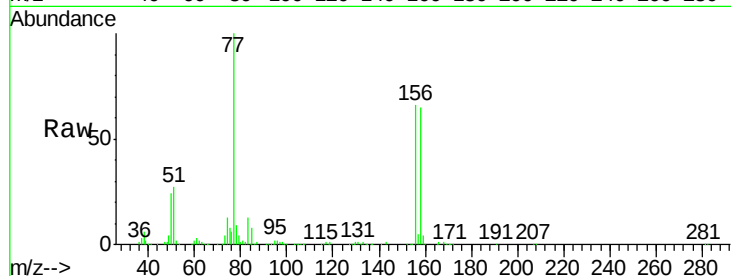
ClientSampleId :

VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 153.7 | 79.6  | 238.8 |
| 158     | 98.8  | 48.1  | 144.4 |

Manual Integrations  
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#78

n-propylbenzene

Concen: 51.313 ug/l

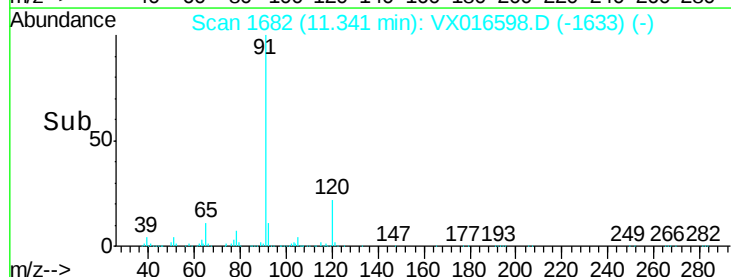
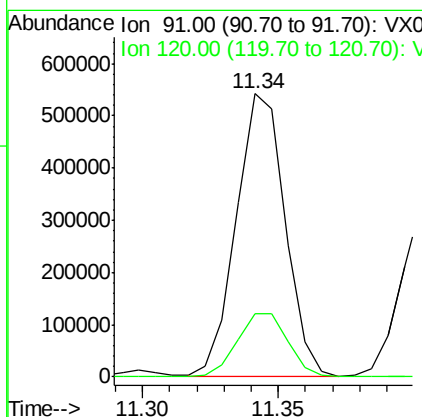
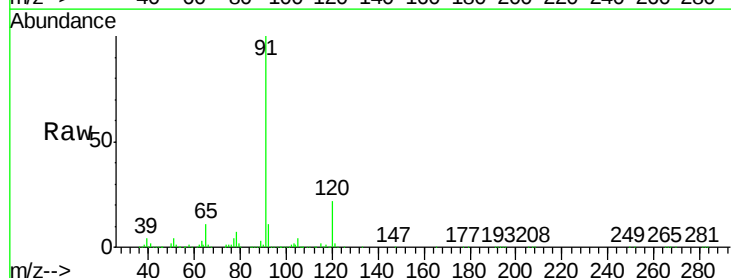
RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 23.4  | 11.6  | 34.7  |





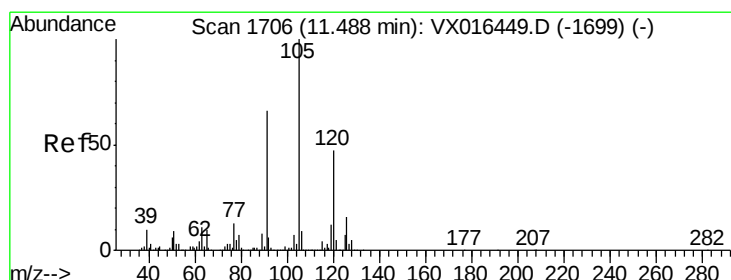
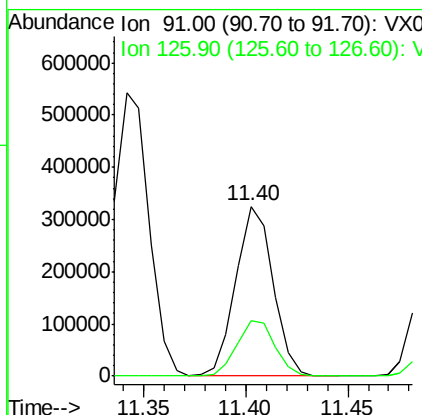
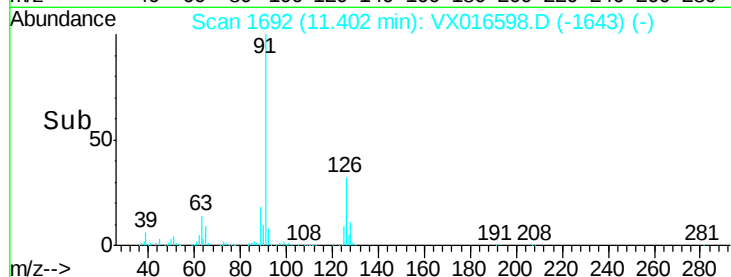
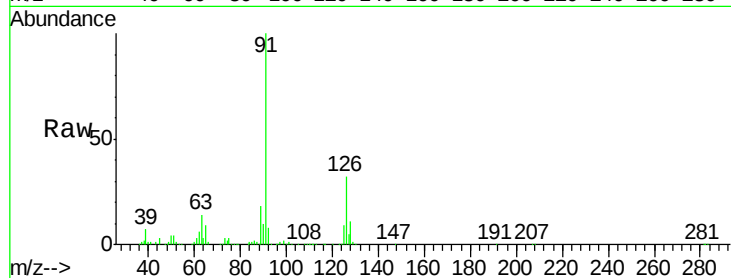
#79  
2-Chlorotoluene  
Concen: 51.388 ug/l  
RT: 11.40 min Scan# 1692  
Delta R.T. -0.00 min  
Lab File: VX016598.D  
Acq: 05 Jun 2020 09:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 91 Resp: 410259  
Ion Ratio Lower Upper  
91 100  
126 33.8 16.8 50.3

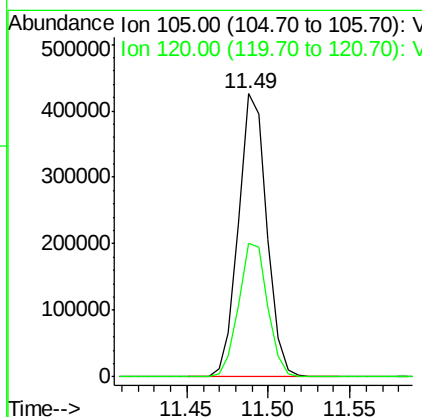
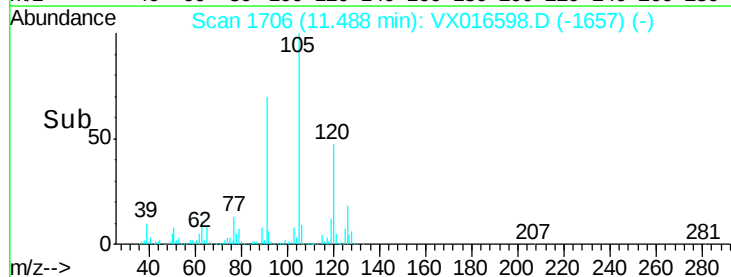
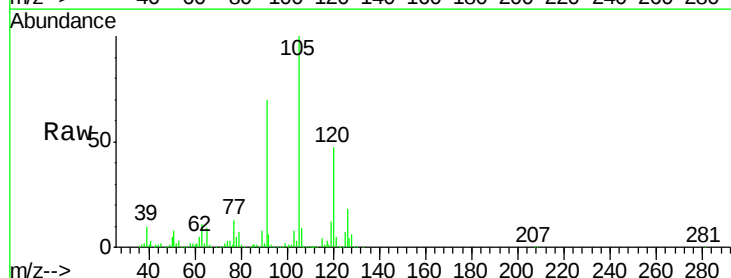
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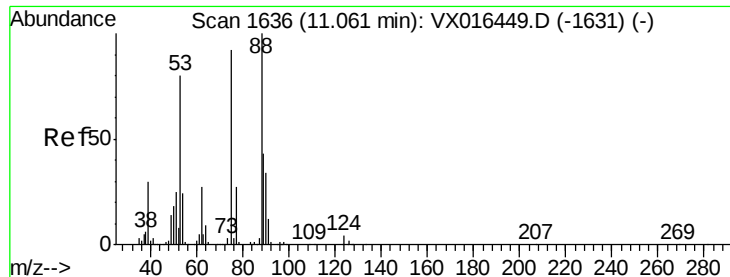
MMDadoda  
6/8/2020 4:55:37 PM



#80  
1,3,5-Trimethylbenzene  
Concen: 52.593 ug/l  
RT: 11.49 min Scan# 1706  
Delta R.T. -0.00 min  
Lab File: VX016598.D  
Acq: 05 Jun 2020 09:46

Tgt Ion: 105 Resp: 514103  
Ion Ratio Lower Upper  
105 100  
120 48.6 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 49.285 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 74410

Ion Ratio Lower Upper

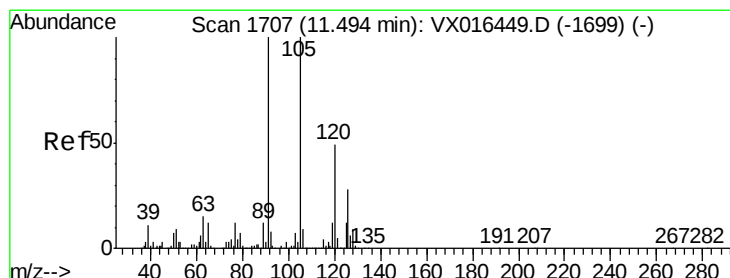
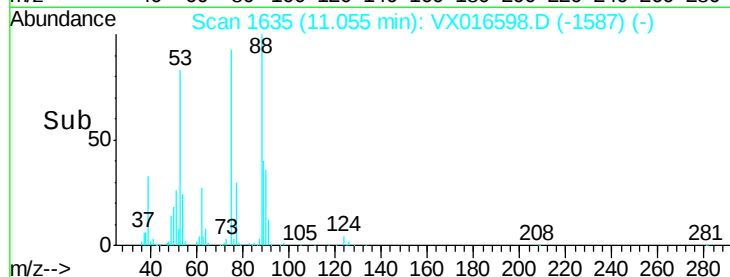
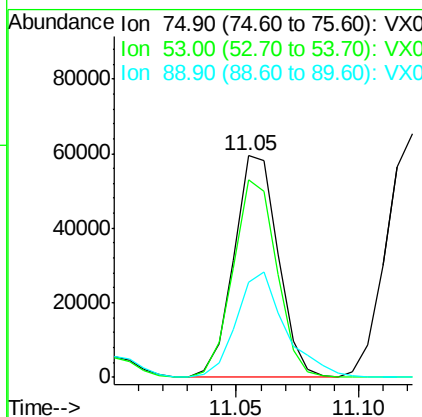
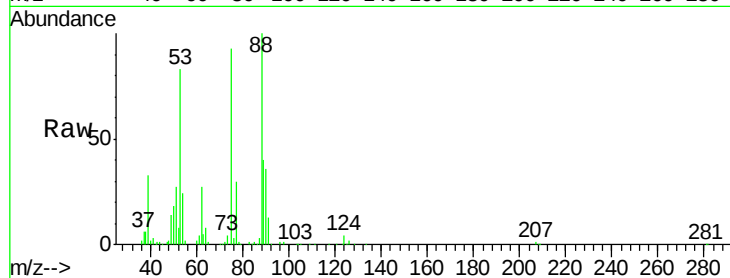
75 100

53 88.6 71.3 106.9

89 52.8 36.6 55.0

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#82

4-Chlorotoluene

Concen: 51.191 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016598.D

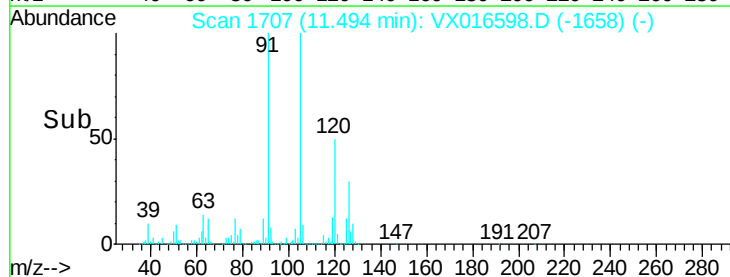
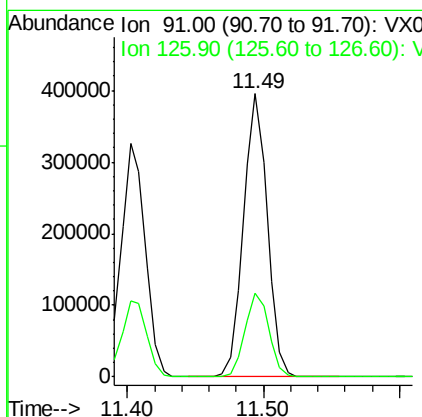
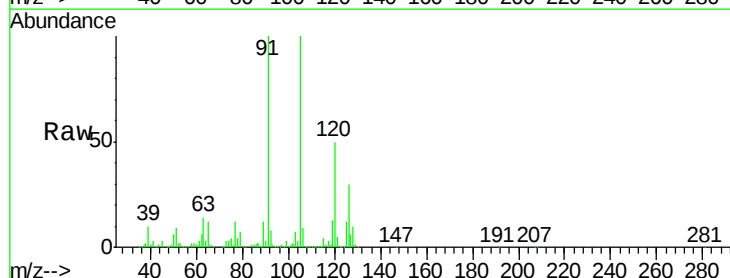
Acq: 05 Jun 2020 09:46

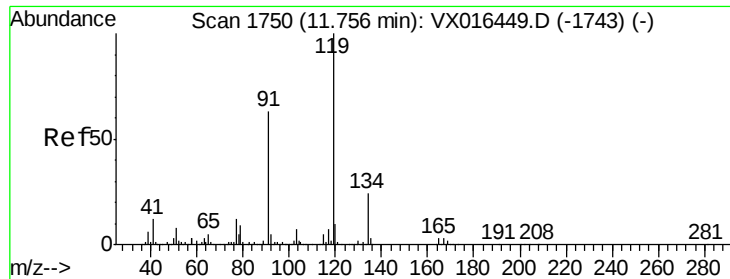
Tgt Ion: 91 Resp: 482609

Ion Ratio Lower Upper

91 100

126 29.7 14.7 44.1





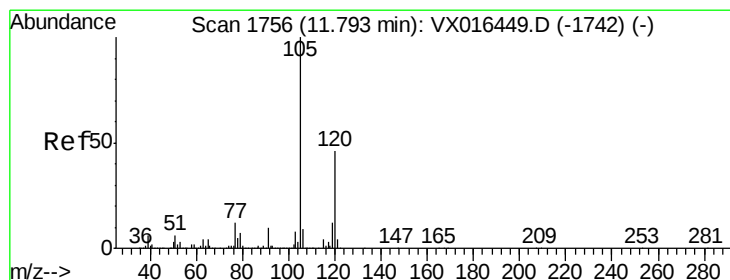
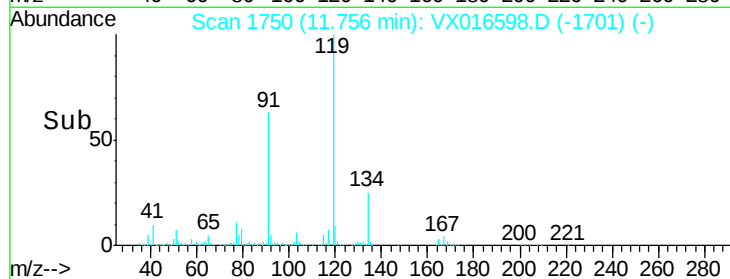
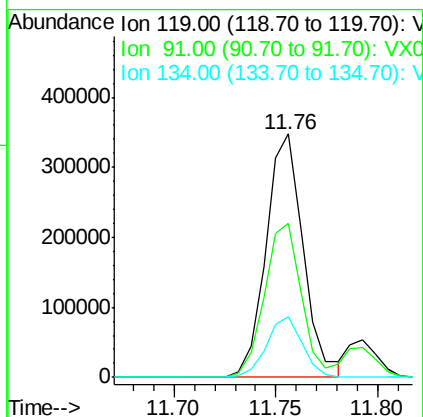
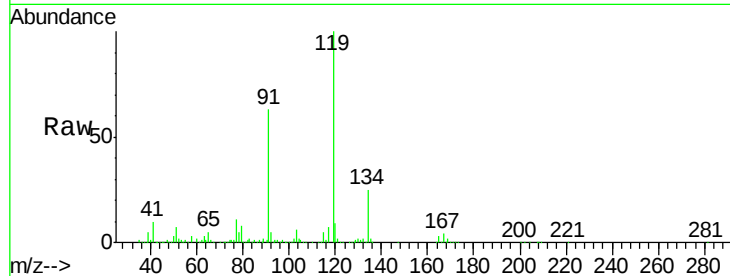
#83  
 tert-Butylbenzene  
 Concen: 52.850 ug/l  
 RT: 11.76 min Scan# 1750  
 Delta R.T. -0.00 min  
 Lab File: VX016598.D  
 Acq: 05 Jun 2020 09:46

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 62.4  | 31.3  | 93.8  |
| 134     | 23.7  | 12.0  | 36.0  |

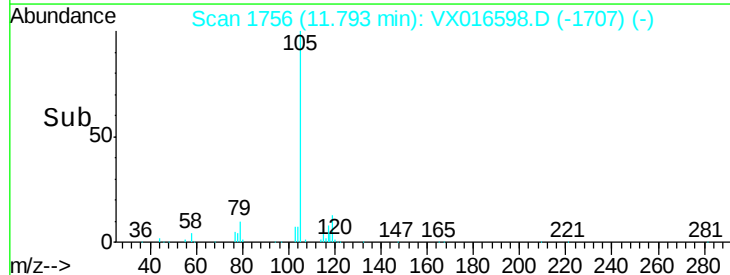
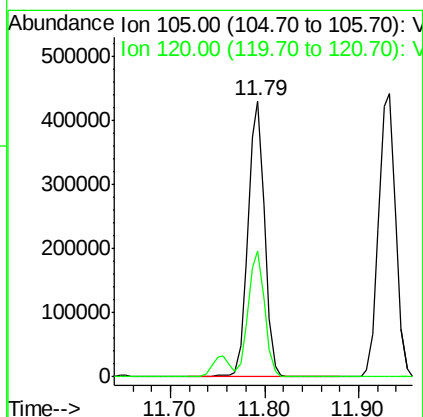
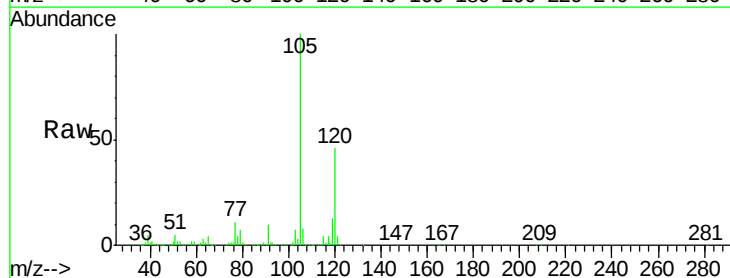
Manual Integrations  
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 52.669 ug/l  
 RT: 11.79 min Scan# 1756  
 Delta R.T. -0.00 min  
 Lab File: VX016598.D  
 Acq: 05 Jun 2020 09:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 45.2  | 22.6  | 67.7  |





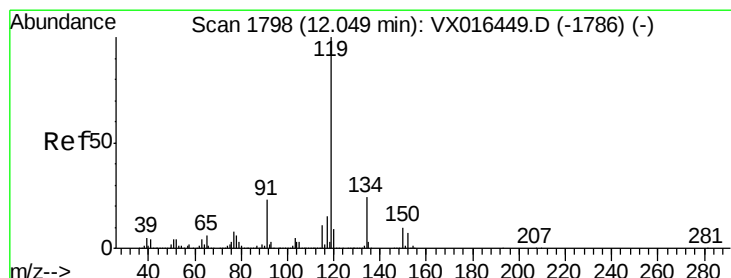
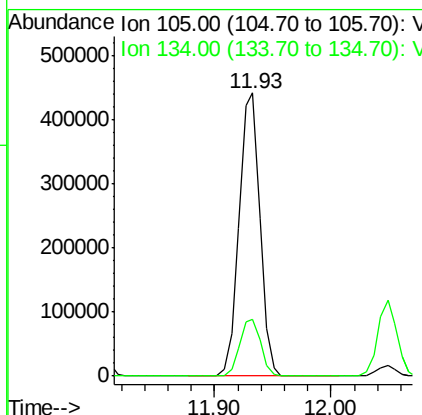
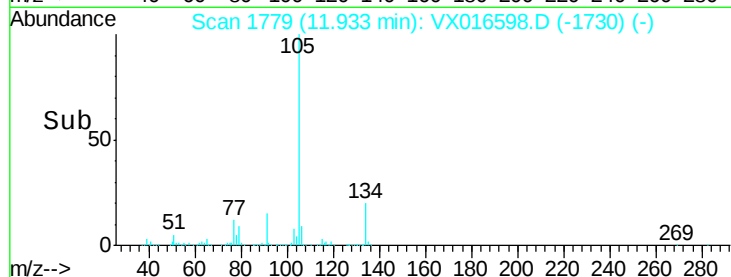
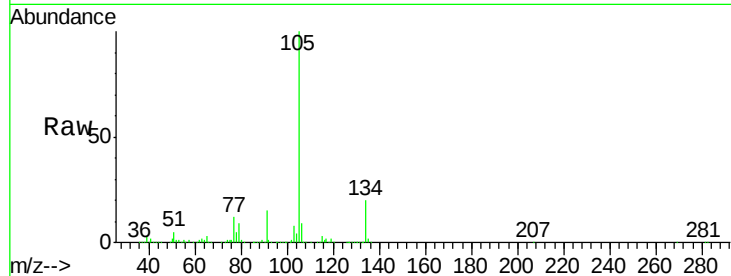
#85  
 sec-Butylbenzene  
 Concen: 52.707 ug/l  
 RT: 11.93 min Scan# 1779  
 Delta R.T. -0.00 min  
 Lab File: VX016598.D  
 Acq: 05 Jun 2020 09:46

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 134     | 20.3  | 10.1  | 30.3  |

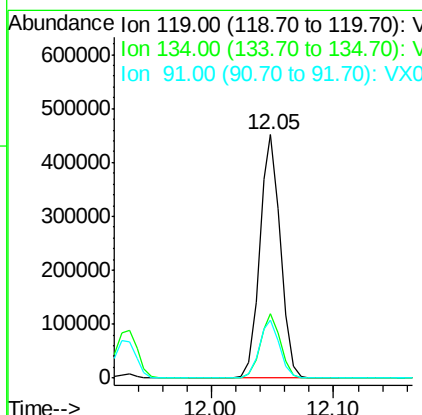
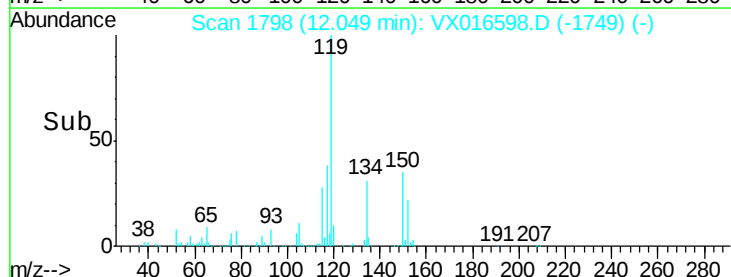
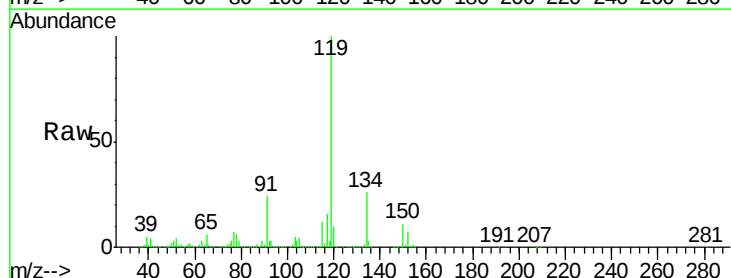
Manual Integrations  
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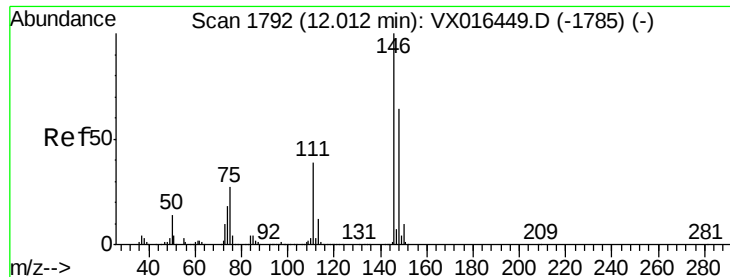
MMDadoda  
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#86  
 p-Isopropyltoluene  
 Concen: 54.067 ug/l  
 RT: 12.05 min Scan# 1798  
 Delta R.T. -0.00 min  
 Lab File: VX016598.D  
 Acq: 05 Jun 2020 09:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 25.8  | 12.7  | 38.0  |
| 91      | 23.6  | 11.7  | 35.0  |





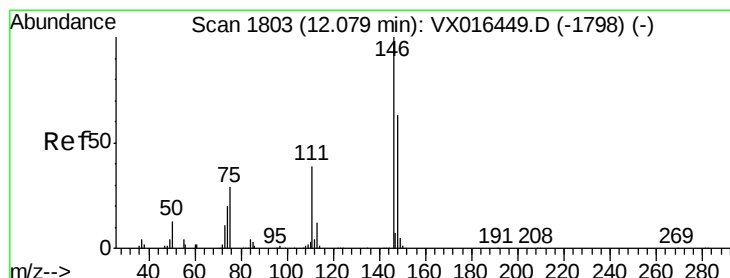
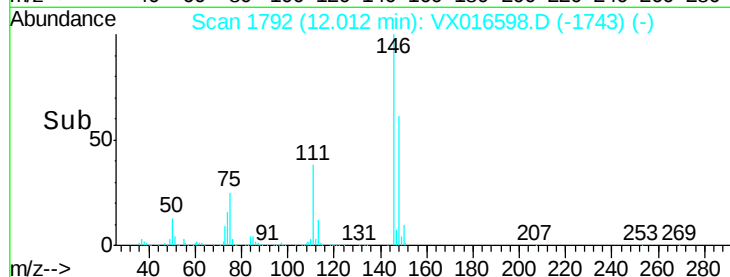
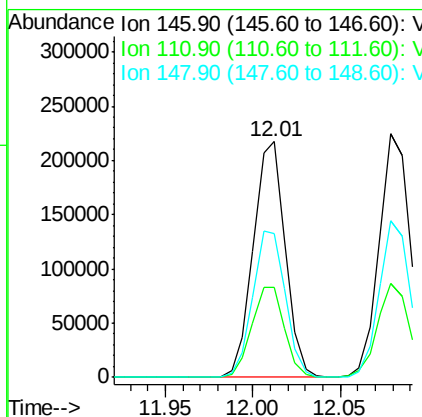
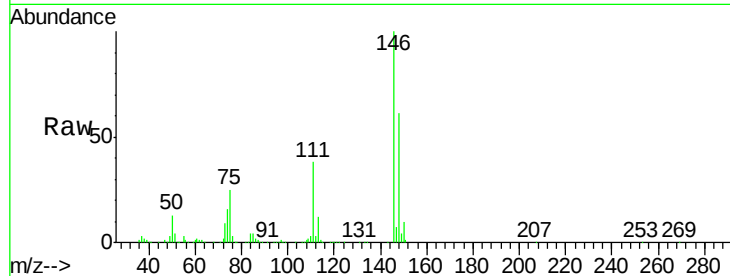
#87  
 1,3-Dichlorobenzene  
 Concen: 52.314 ug/l  
 RT: 12.01 min Scan# 1792  
 Delta R.T. -0.00 min  
 Lab File: VX016598.D  
 Acq: 05 Jun 2020 09:46

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.5  | 20.0  | 60.0  |
| 148     | 63.2  | 31.9  | 95.5  |

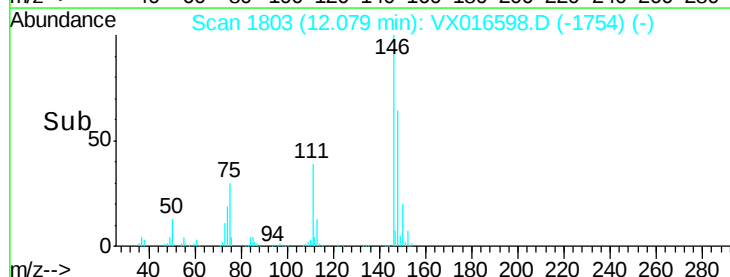
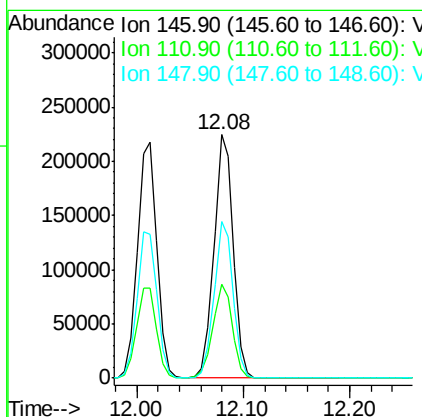
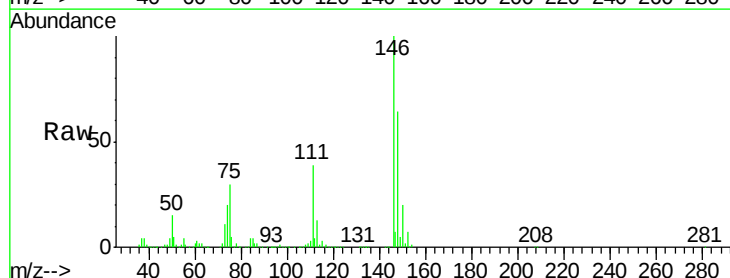
Manual Integrations  
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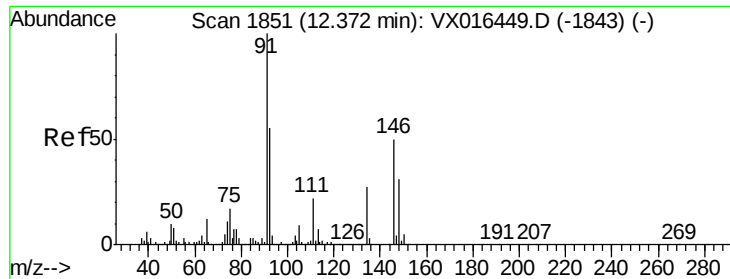
MMDadoda  
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#88  
 1,4-Dichlorobenzene  
 Concen: 51.033 ug/l  
 RT: 12.08 min Scan# 1803  
 Delta R.T. -0.00 min  
 Lab File: VX016598.D  
 Acq: 05 Jun 2020 09:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.1  | 19.4  | 58.2  |
| 148     | 63.5  | 31.4  | 94.3  |





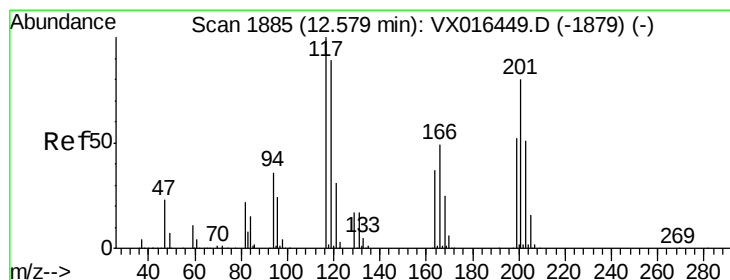
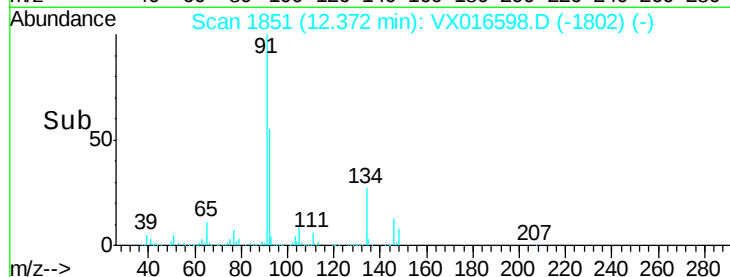
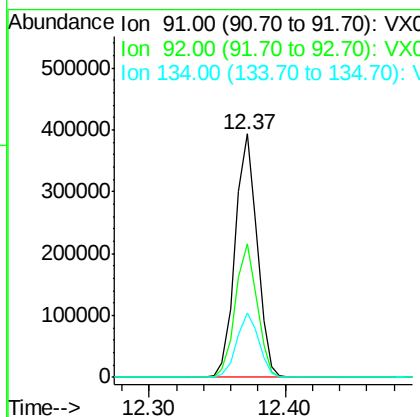
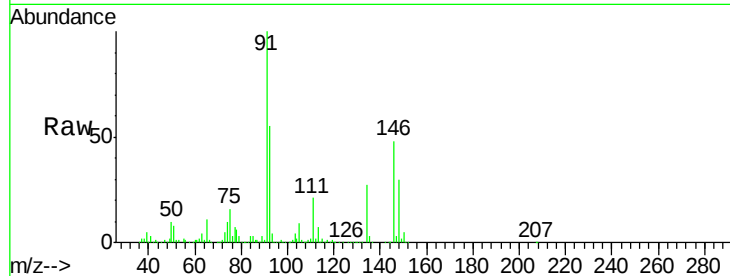
#89  
n-Butylbenzene  
Concen: 53.804 ug/l  
RT: 12.37 min Scan# 1851  
Delta R.T. -0.00 min  
Lab File: VX016598.D  
Acq: 05 Jun 2020 09:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 54.5  | 27.2  | 81.5  |
| 134     | 26.8  | 13.1  | 39.3  |

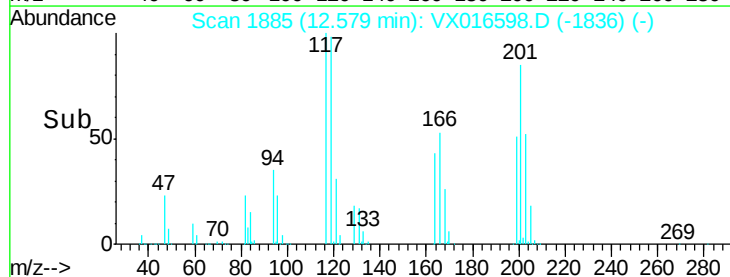
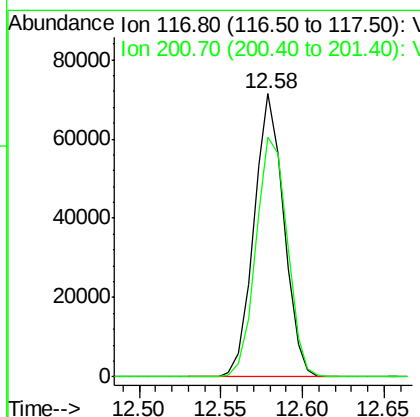
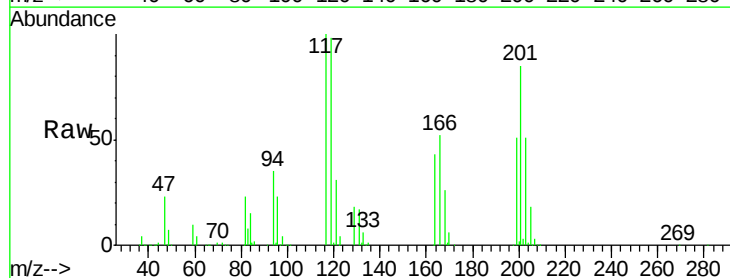
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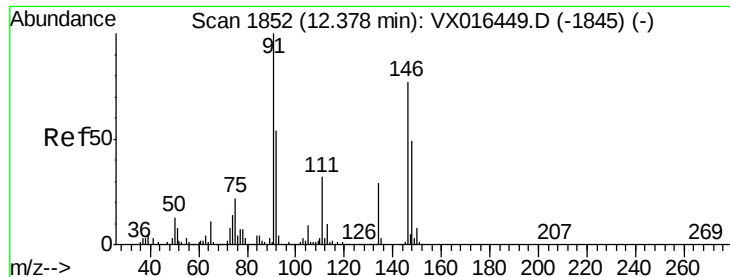
MMDadoda  
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#90  
Hexachloroethane  
Concen: 53.631 ug/l  
RT: 12.58 min Scan# 1885  
Delta R.T. -0.00 min  
Lab File: VX016598.D  
Acq: 05 Jun 2020 09:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 89.2  | 43.1  | 129.3 |





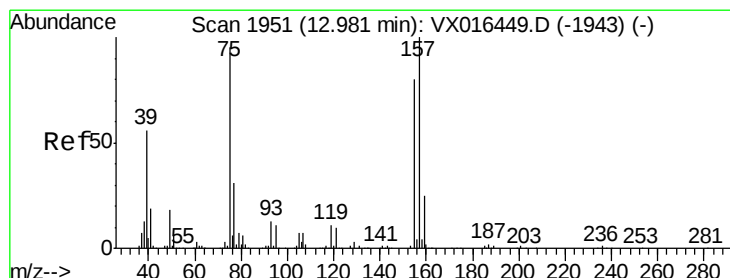
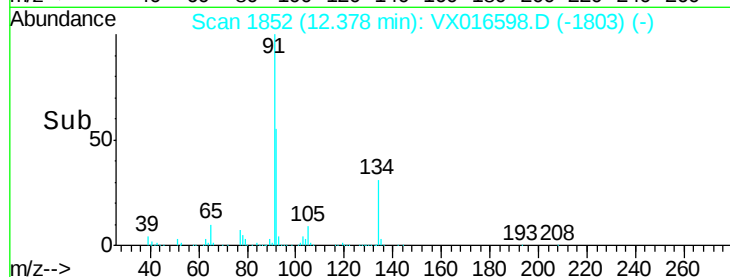
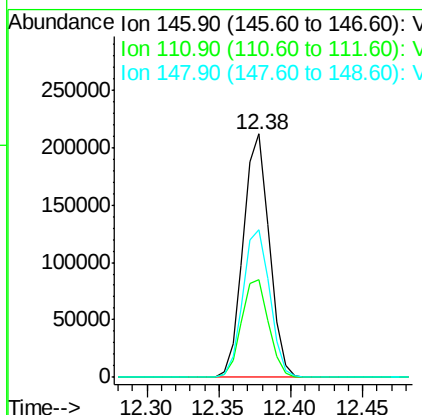
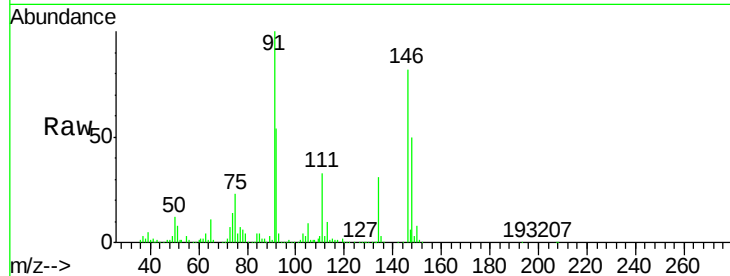
#91  
 1,2-Dichlorobenzene  
 Concen: 51.340 ug/l  
 RT: 12.38 min Scan# 1852  
 Delta R.T. -0.00 min  
 Lab File: VX016598.D  
 Acq: 05 Jun 2020 09:46

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.8  | 21.4  | 64.3  |
| 148     | 62.9  | 31.9  | 95.7  |

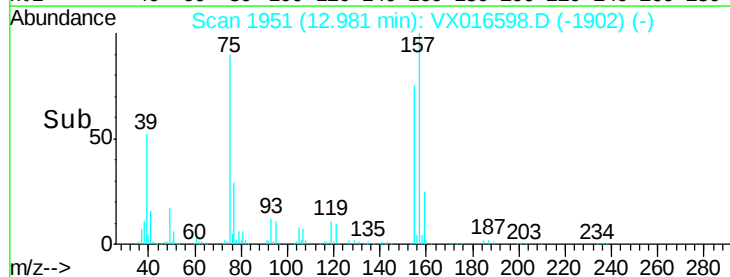
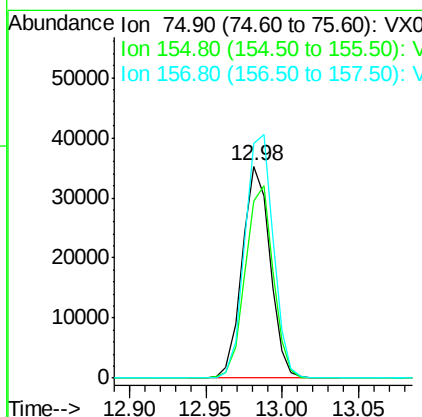
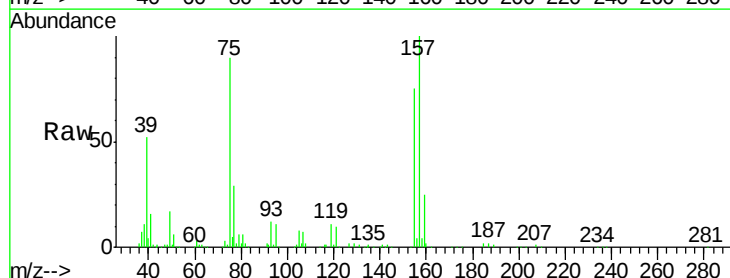
Manual Integrations  
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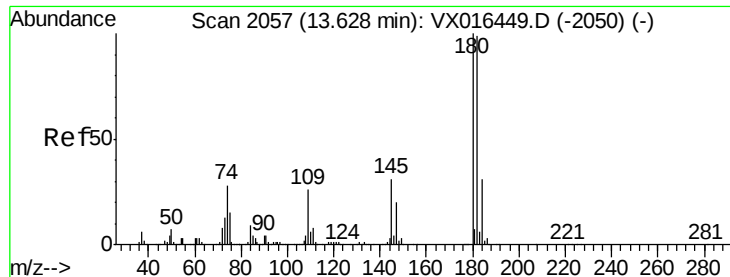
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 46.884 ug/l  
 RT: 12.98 min Scan# 1951  
 Delta R.T. -0.00 min  
 Lab File: VX016598.D  
 Acq: 05 Jun 2020 09:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 91.3  | 44.1  | 132.4 |
| 157     | 117.6 | 57.8  | 173.3 |





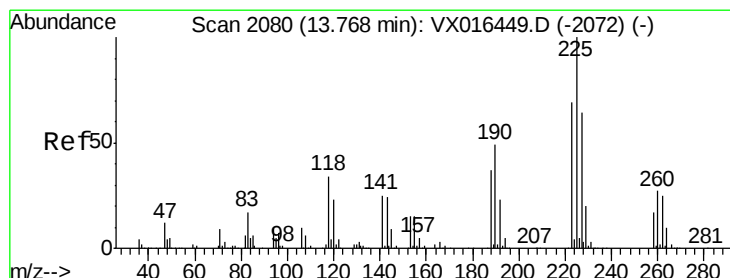
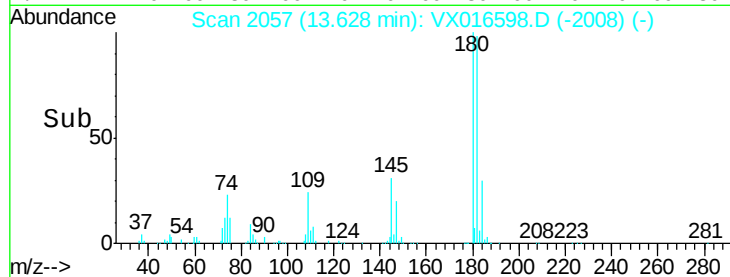
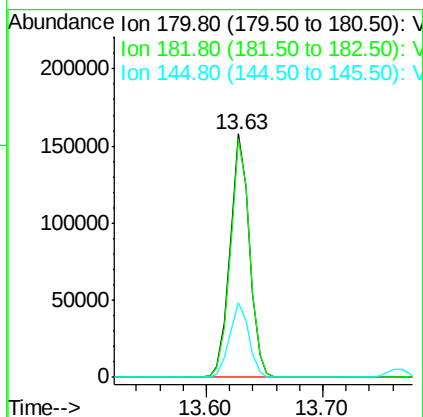
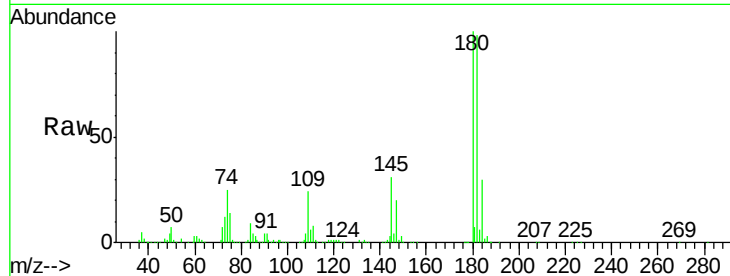
#93  
 1,2,4-Trichlorobenzene  
 Concen: 52.916 ug/l  
 RT: 13.63 min Scan# 2057  
 Delta R.T. -0.00 min  
 Lab File: VX016598.D  
 Acq: 05 Jun 2020 09:46

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 181127 |       |       |
| 182     | 98.0  | 48.3   | 144.8 |       |
| 145     | 30.6  | 15.4   | 46.2  |       |

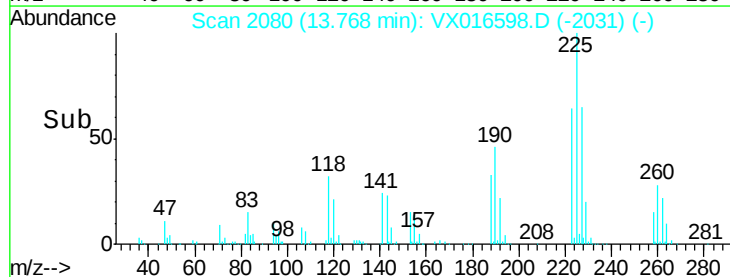
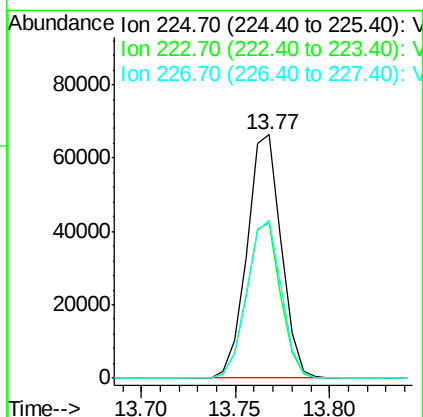
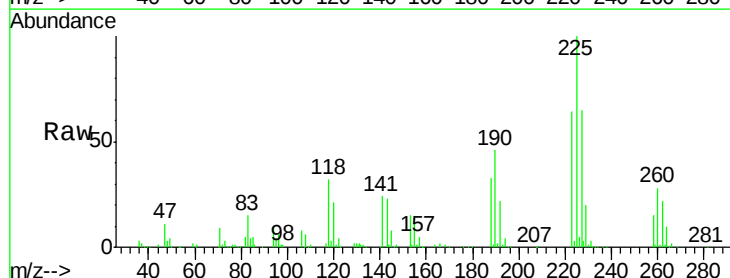
Manual Integrations  
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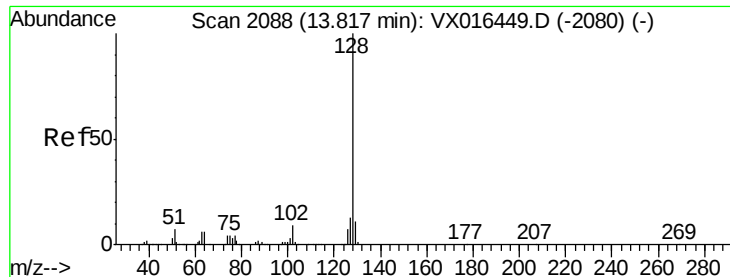
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#94  
 Hexachlorobutadiene  
 Concen: 61.928 ug/l  
 RT: 13.77 min Scan# 2080  
 Delta R.T. -0.00 min  
 Lab File: VX016598.D  
 Acq: 05 Jun 2020 09:46

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 83226 |       |       |
| 223     | 63.2  | 32.3  | 96.8  |       |
| 227     | 65.4  | 31.6  | 94.7  |       |





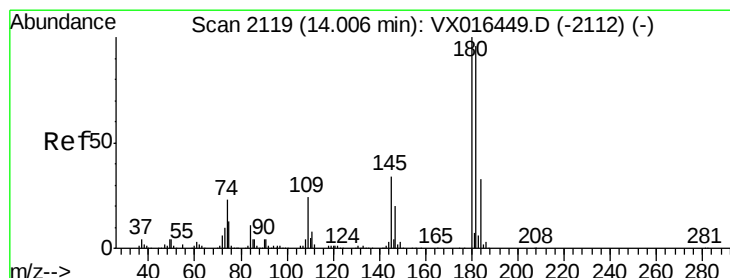
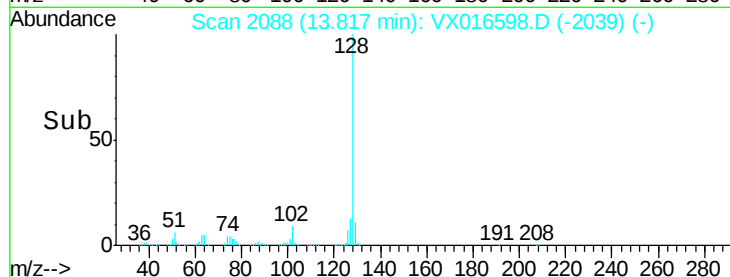
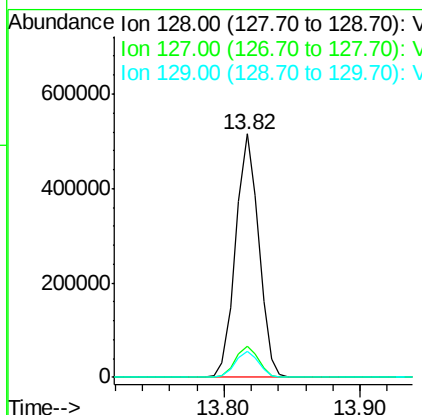
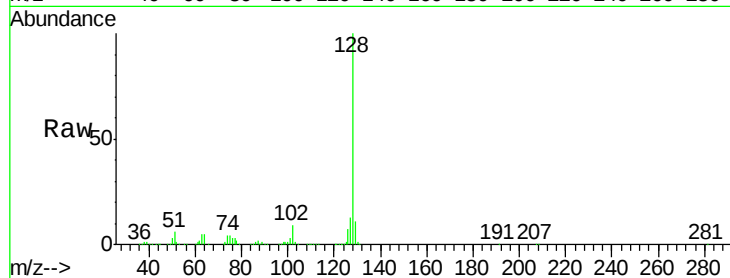
#95  
Naphthalene  
Concen: 51.965 ug/l  
RT: 13.82 min Scan# 2088  
Delta R.T. -0.00 min  
Lab File: VX016598.D  
Acq: 05 Jun 2020 09:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.0  | 10.6  | 15.8  |
| 129     | 10.9  | 8.6   | 13.0  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 54.266 ug/l  
RT: 14.01 min Scan# 2119  
Delta R.T. -0.00 min  
Lab File: VX016598.D  
Acq: 05 Jun 2020 09:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.8  | 48.6  | 145.8 |
| 145     | 32.7  | 16.6  | 49.8  |

