

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072919\  
 Data File : VX011158.D  
 Acq On : 29 Jul 2019 20:06  
 Operator : JC/SP  
 Sample : K4026-13MSD  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 Z3-0681MSD

Manual Integrations  
 APPROVED

MMDadoda  
 7/30/2019 11:09:16 AM

Quant Time: Jul 30 06:41:21 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X071619W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jul 24 05:39:23 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.66  | 168  | 181600   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 269816   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 252251   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 138083   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.06  | 65   | 98977    | 51.23 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 102.46% |          |
| 35) Dibromofluoromethane    | 5.50  | 113  | 88426    | 51.63 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 103.26% |          |
| 50) Toluene-d8              | 8.71  | 98   | 328075   | 51.08 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 102.16% |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 126185   | 53.45 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 106.90% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85   | 87002    | 44.984  | ug/l  | 98     |
| 3) Chloromethane              | 1.32 | 50   | 75459    | 45.185  | ug/l  | 98     |
| 4) Vinyl Chloride             | 1.41 | 62   | 103583   | 60.810  | ug/l  | 99     |
| 5) Bromomethane               | 1.64 | 94   | 39455    | 41.103  | ug/l  | 97     |
| 6) Chloroethane               | 1.71 | 64   | 58470    | 54.015  | ug/l  | 97     |
| 7) Trichlorofluoromethane     | 1.92 | 101  | 145712   | 50.535  | ug/l  | 97     |
| 8) Diethyl Ether              | 2.19 | 74   | 49583    | 49.909  | ug/l  | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101  | 80055    | 48.626  | ug/l  | 97     |
| 10) Methyl Iodide             | 2.51 | 142  | 81981    | 37.946  | ug/l  | 99     |
| 11) Tert butyl alcohol        | 3.06 | 59   | 99205    | 220.489 | ug/l  | 99     |
| 12) 1,1-Dichloroethene        | 2.37 | 96   | 77391    | 47.844  | ug/l  | 99     |
| 13) Acrolein                  | 2.29 | 56   | 53817    | 207.024 | ug/l  | 100    |
| 14) Allyl chloride            | 2.73 | 41   | 113577   | 48.339  | ug/l  | 99     |
| 15) Acrylonitrile             | 3.14 | 53   | 233494   | 256.820 | ug/l  | 99     |
| 16) Acetone                   | 2.45 | 43   | 192206   | 220.278 | ug/l  | 97     |
| 17) Carbon Disulfide          | 2.57 | 76   | 176196   | 42.464  | ug/l  | 99     |
| 18) Methyl Acetate            | 2.78 | 43   | 105503   | 53.101  | ug/l  | 98     |
| 19) Methyl tert-butyl Ether   | 3.20 | 73   | 267457   | 51.362  | ug/l  | 100    |
| 20) Methylene Chloride        | 2.85 | 84   | 88776    | 48.009  | ug/l  | 98     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96   | 82752    | 48.215  | ug/l  | 97     |
| 22) Diisopropyl ether         | 3.85 | 45   | 253726   | 51.202  | ug/l  | 98     |
| 23) Vinyl Acetate             | 3.81 | 43   | 1048390  | 249.696 | ug/l  | 100    |
| 24) 1,1-Dichloroethane        | 3.70 | 63   | 144843   | 50.330  | ug/l  | 99     |
| 25) 2-Butanone                | 4.67 | 43   | 315295   | 251.722 | ug/l  | 99     |
| 26) 2,2-Dichloropropane       | 4.58 | 77   | 106431   | 45.041  | ug/l  | 100    |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96   | 109598   | 55.176  | ug/l  | 97     |
| 28) Bromochloromethane        | 5.01 | 49   | 67759    | 49.965  | ug/l  | 97     |
| 29) Tetrahydrofuran           | 5.13 | 42   | 202193   | 254.839 | ug/l  | 99     |
| 30) Chloroform                | 5.21 | 83   | 158853   | 51.068  | ug/l  | 99     |
| 31) Cyclohexane               | 5.58 | 56   | 121288   | 46.238  | ug/l  | 97     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97   | 137558   | 51.114  | ug/l  | 99     |
| 36) 1,1-Dichloropropene       | 5.80 | 75   | 109819   | 49.551  | ug/l  | 98     |
| 37) Ethyl Acetate             | 4.83 | 43   | 116114   | 51.165  | ug/l  | 99     |
| 38) Carbon Tetrachloride      | 5.78 | 117  | 121282   | 52.515  | ug/l  | 99     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072919\  
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 Operator : JC/SP  
 Sample : K4026-13MSD  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 Z3-0681MSD

Manual Integrations  
 APPROVED

MMDadoda  
 7/30/2019 11:09:16 AM

Quant Time: Jul 30 06:41:21 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X071619W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jul 24 05:39:23 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 131324   | 45.692  | ug/l   | 98       |
| 40) Benzene                    | 6.14  | 78   | 339415   | 49.995  | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.05  | 41   | 65318    | 50.701  | ug/l   | 98       |
| 42) 1,2-Dichloroethane         | 6.19  | 62   | 124045   | 52.550  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.45  | 43   | 188863   | 50.612  | ug/l   | 99       |
| 44) Trichloroethene            | 7.21  | 130  | 99301    | 49.414  | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 88945    | 51.475  | ug/l   | 99       |
| 46) Dibromomethane             | 7.66  | 93   | 64422    | 52.176  | ug/l   | 100      |
| 47) Bromodichloromethane       | 7.90  | 83   | 118913   | 54.103  | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.77  | 41   | 95372    | 52.464  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 7.74  | 88   | 43287    | 851.274 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43   | 655293   | 270.897 | ug/l   | 100      |
| 52) Toluene                    | 8.78  | 92   | 222356   | 49.857  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 124192   | 52.550  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 135485   | 51.521  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 97253    | 52.960  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 145481   | 54.160  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 150984   | 51.829  | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.49  | 43   | 513253   | 273.560 | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.58  | 129  | 104331   | 49.398  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 104286   | 53.512  | ug/l   | 100      |
| 64) Tetrachloroethene          | 9.34  | 164  | 86529    | 43.604  | ug/l   | 98       |
| 65) Chlorobenzene              | 10.13 | 112  | 258275   | 49.850  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 96927    | 53.230  | ug/l   | 98       |
| 67) Ethyl Benzene              | 10.25 | 91   | 444498   | 50.404  | ug/l   | 100      |
| 68) m/p-Xylenes                | 10.36 | 106  | 341965   | 101.090 | ug/l   | 99       |
| 69) o-Xylene                   | 10.69 | 106  | 165758   | 50.208  | ug/l   | 98       |
| 70) Stvrene                    | 10.71 | 104  | 283593   | 51.530  | ug/l   | 99       |
| 71) Bromoform                  | 10.85 | 173  | 80740    | 48.765  | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 456501   | 48.927  | ug/l   | 99       |
| 74) N-amyl acetate             | 10.90 | 43   | 174081   | 48.830  | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 158459   | 51.896  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 127758m  | 51.272  | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 123658   | 48.048  | ug/l   | 97       |
| 78) n-propylbenzene            | 11.36 | 91   | 512126   | 49.677  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 302701   | 48.878  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 390665   | 50.109  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 40758    | 42.122  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 354438   | 49.173  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.77 | 119  | 393234   | 51.350  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 394794   | 50.241  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.94 | 105  | 452763   | 50.458  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 419540   | 50.573  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 220766   | 49.429  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 223266   | 48.741  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.38 | 91   | 361965   | 51.002  | ug/l   | 100      |
| 90) Hexachloroethane           | 12.59 | 117  | 65732    | 50.237  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 220717   | 49.864  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 33310    | 52.189  | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene     | 13.65 | 180  | 151707   | 50.572  | ug/l   | 99       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072919\  
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Acq On : 29 Jul 2019 20:06  
Operator : JC/SP  
Sample : K4026-13MSD  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
Z3-0681MSD

Manual Integrations  
APPROVED

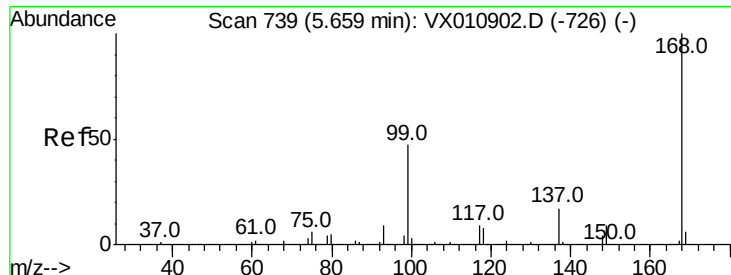
MMDadoda  
7/30/2019 11:09:16 AM

Quant Time: Jul 30 06:41:21 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X071619W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jul 24 05:39:23 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 94) Hexachlorobutadiene    | 13.78 | 225  | 74336    | 50.005 | ug/l  | 96       |
| 95) Naphthalene            | 13.83 | 128  | 479011   | 54.075 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 154417   | 51.734 | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX011158.D

Acq: 29 Jul 2019 20:06

Instrument :

MSVOA\_X

ClientSampleId :

Z3-0681MSD

Tot Ion:168 Resp: 181600

Ion Ratio Lower Upper

168 100

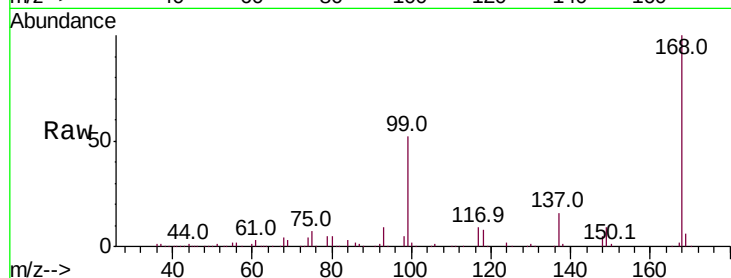
99 51.9 37.6 56.4

Manual Integrations

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7/30/2019 11:09:16 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

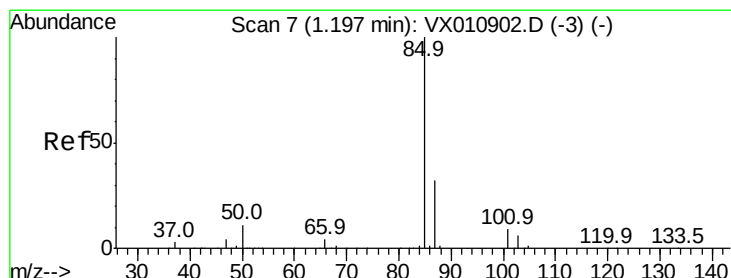
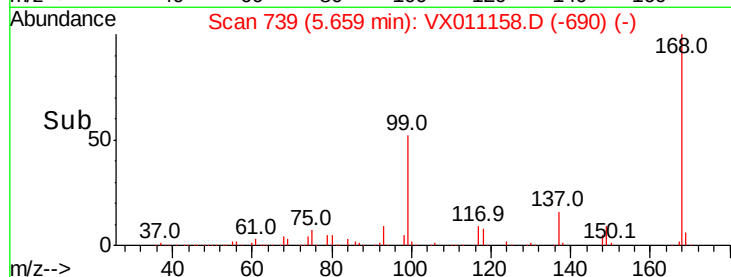
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 44.984 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011158.D

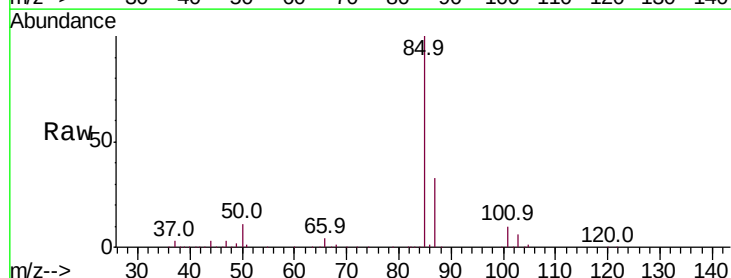
Acq: 29 Jul 2019 20:06

Tgt Ion: 85 Resp: 87002

Ion Ratio Lower Upper

85 100

87 32.7 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

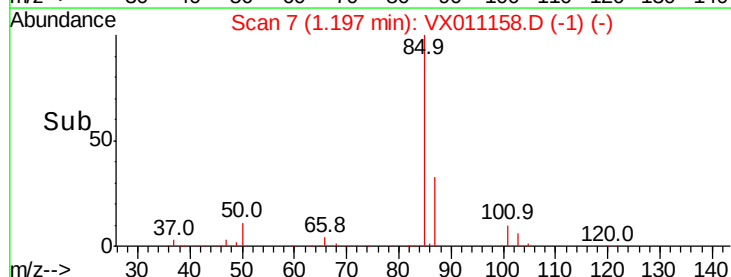
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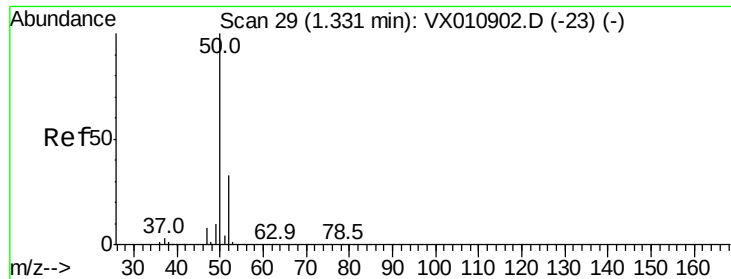
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Time-->

1.15 1.20 1.25 1.30 1.35





#3

Chloromethane

Concen: 45.185 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX011158.D

Acq: 29 Jul 2019 20:06

Instrument :

MSVOA\_X

ClientSampleId :

Z3-0681MSD

Tot Ion: 50 Resp: 75459

Ion Ratio Lower Upper

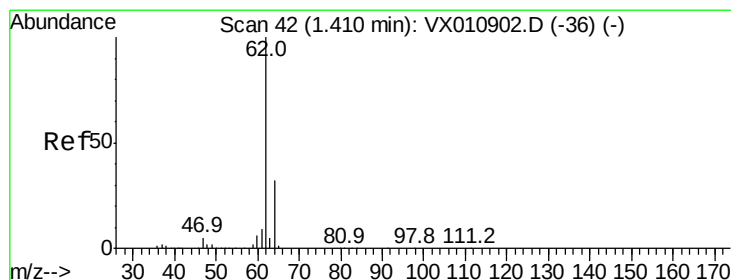
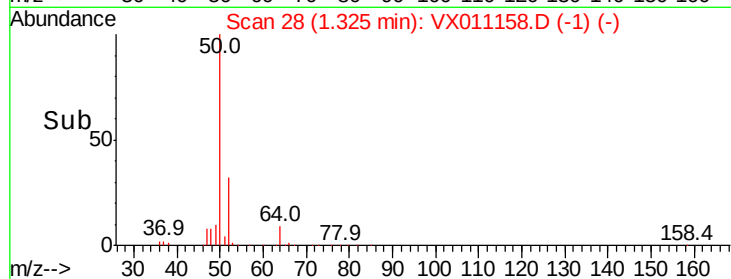
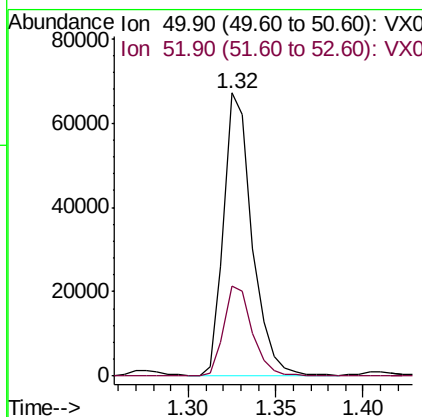
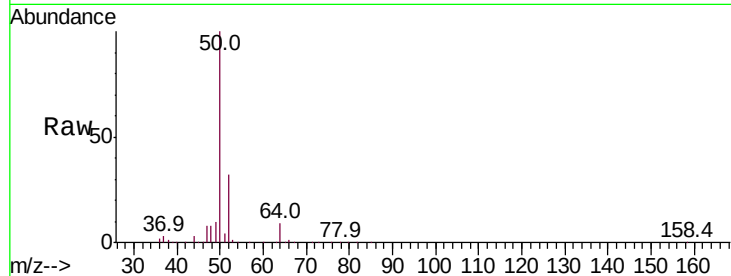
50 100

52 32.1 26.4 39.6

Manual Integrations  
APPROVED

MMDadoda

7/30/2019 11:09:16 AM



#4

Vinyl Chloride

Concen: 60.810 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX011158.D

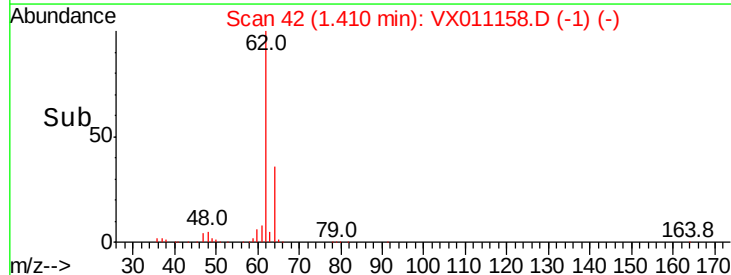
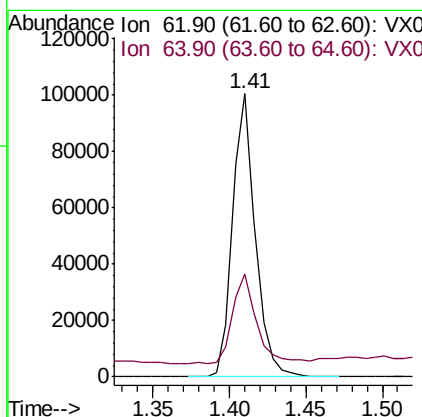
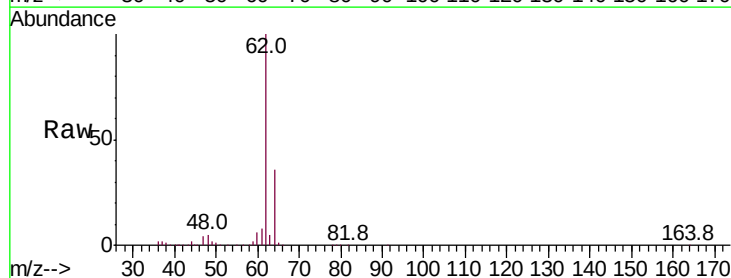
Acq: 29 Jul 2019 20:06

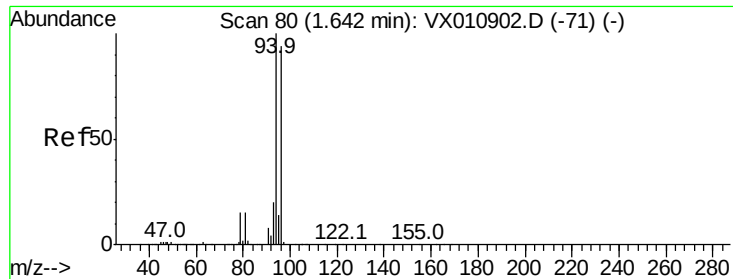
Tgt Ion: 62 Resp: 103583

Ion Ratio Lower Upper

62 100

64 31.5 25.7 38.5





#5

Bromomethane

Concen: 41.103 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX011158.D

Acq: 29 Jul 2019 20:06

Instrument :

MSVOA\_X

ClientSampleId :

Z3-0681MSD

Tot Ion: 94 Resp: 39455

Ion Ratio Lower Upper

94 100

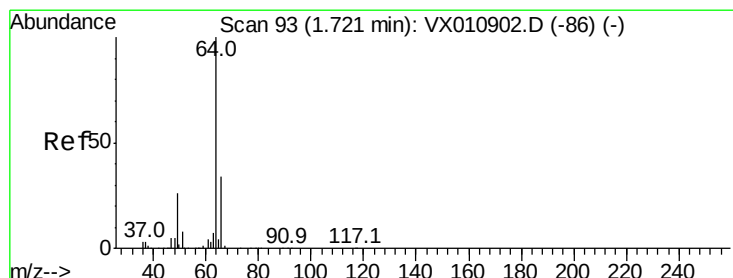
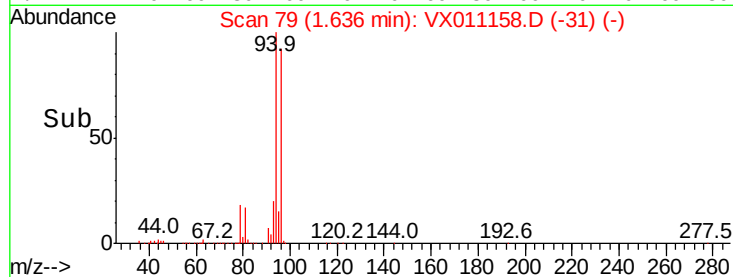
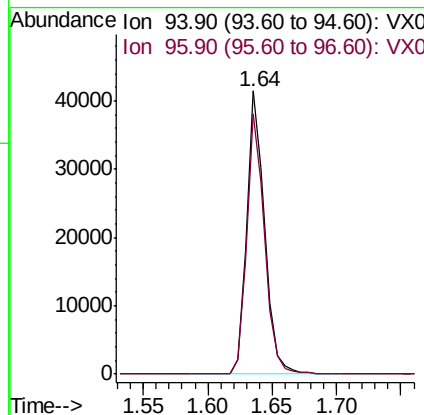
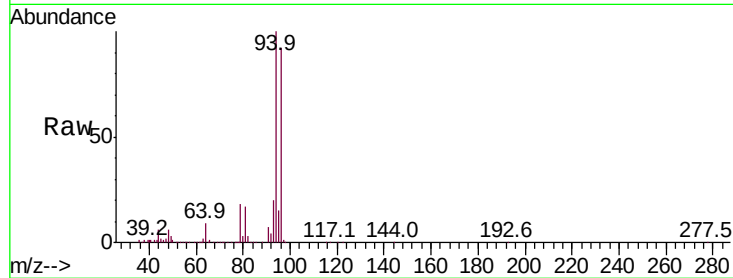
96 91.7 75.6 113.4

Manual Integrations

APPROVED

MMDadoda

7/30/2019 11:09:16 AM



#6

Chloroethane

Concen: 54.015 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX011158.D

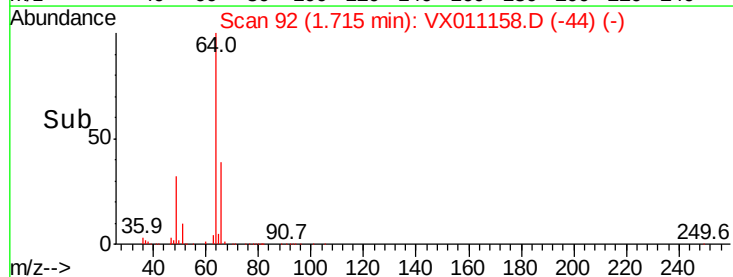
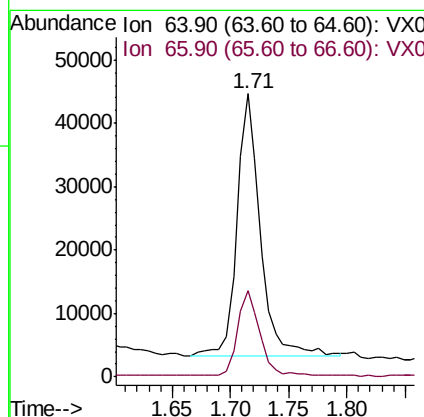
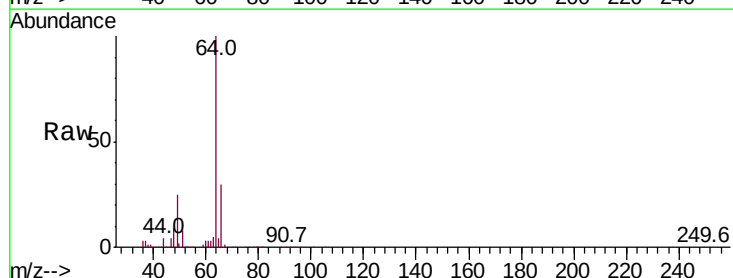
Acq: 29 Jul 2019 20:06

Tgt Ion: 64 Resp: 58470

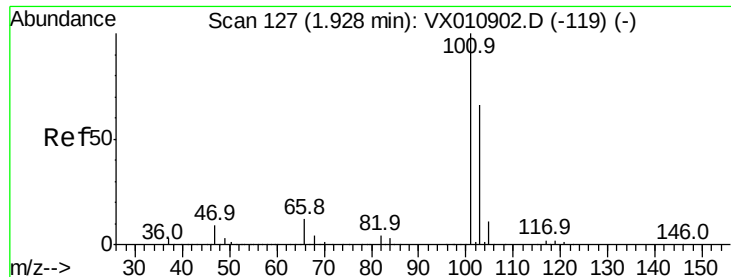
Ion Ratio Lower Upper

64 100

66 32.0 27.0 40.6







#7

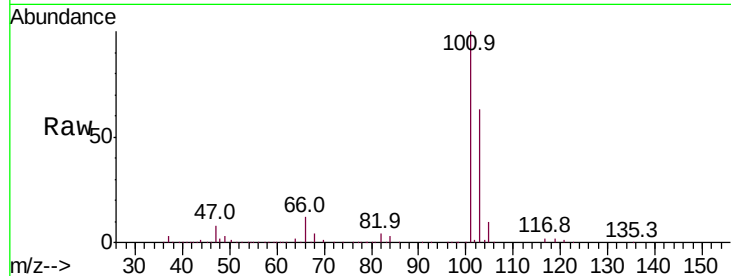
Trichlorofluoromethane  
Concen: 50.535 ug/l  
RT: 1.92 min Scan# 126  
Delta R.T. -0.01 min  
Lab File: VX011158.D  
Acq: 29 Jul 2019 20:06

Instrument :  
MSVOA\_X  
ClientSampled :  
Z3-0681MSD

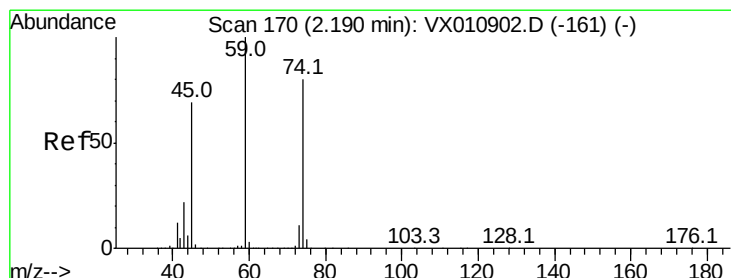
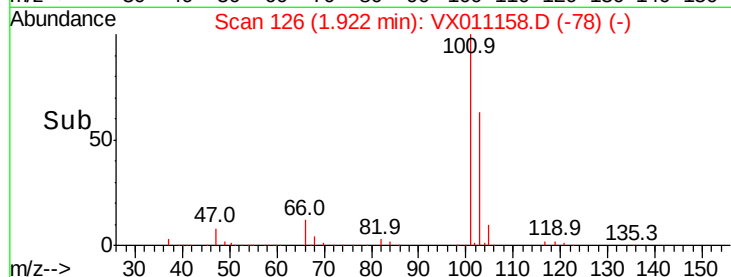
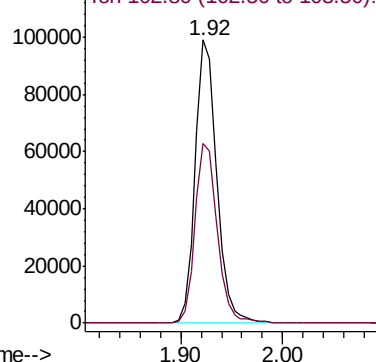
Tot Ion:101 Resp: 145712  
Ion Ratio Lower Upper  
101 100  
103 63.4 52.6 78.8

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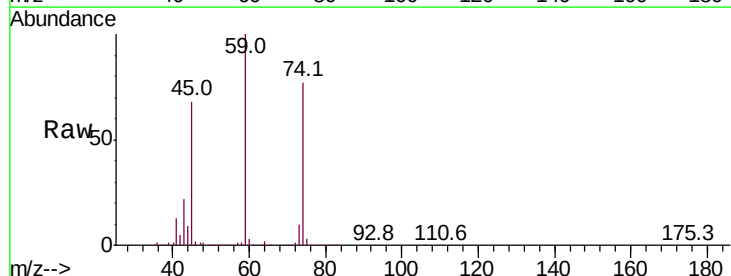
Abundance Ion 100.90 (100.60 to 101.60): V  
Ion 102.80 (102.50 to 103.50): V



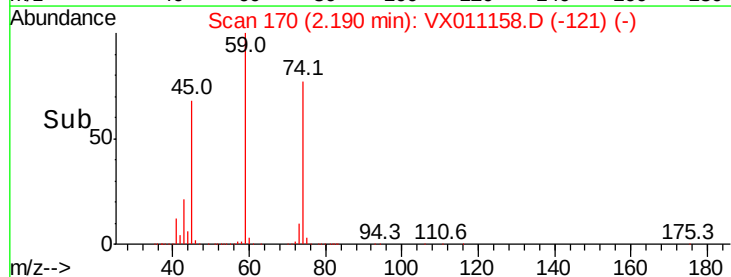
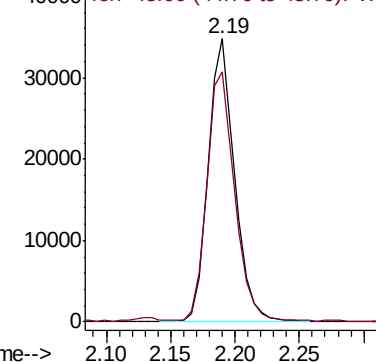
#8

Diethyl Ether  
Concen: 49.909 ug/l  
RT: 2.19 min Scan# 170  
Delta R.T. 0.00 min  
Lab File: VX011158.D  
Acq: 29 Jul 2019 20:06

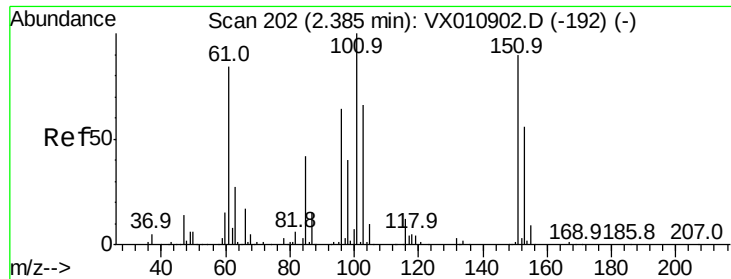
Tgt Ion: 74 Resp: 49583  
Ion Ratio Lower Upper  
74 100  
45 92.7 45.5 136.5



Abundance Ion 74.00 (73.70 to 74.70): VX0  
Ion 45.00 (44.70 to 45.70): VX0







#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.626 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX011158.D

Acq: 29 Jul 2019 20:06

Instrument :

MSVOA\_X

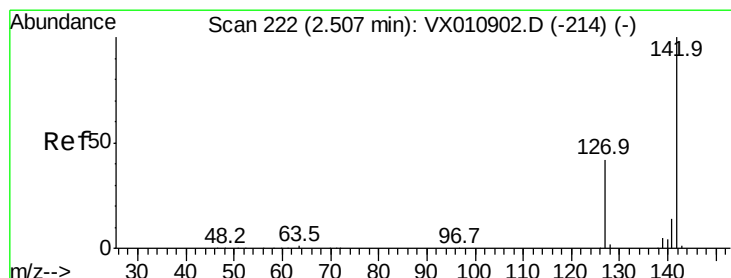
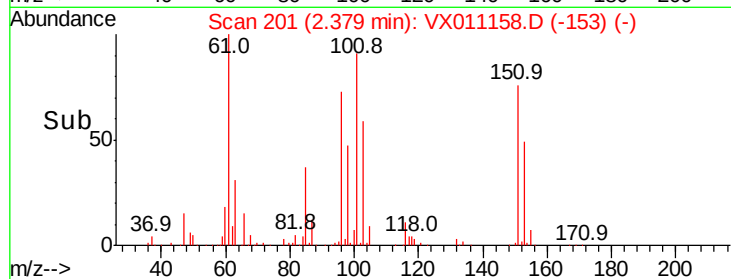
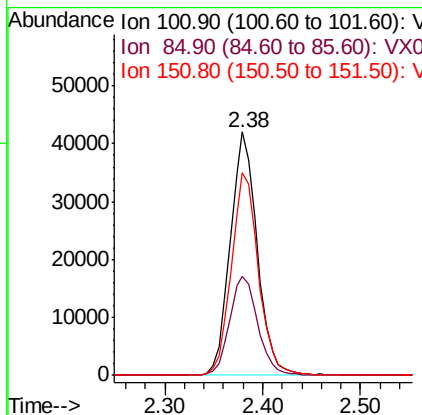
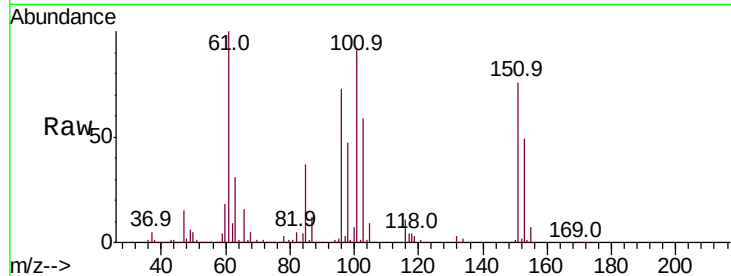
ClientSampleId :

Z3-0681MSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 80055 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 42.5  | 34.6  | 52.0  |
| 151       | 83.9  | 69.6  | 104.4 |

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#10

Methyl Iodide

Concen: 37.946 ug/l

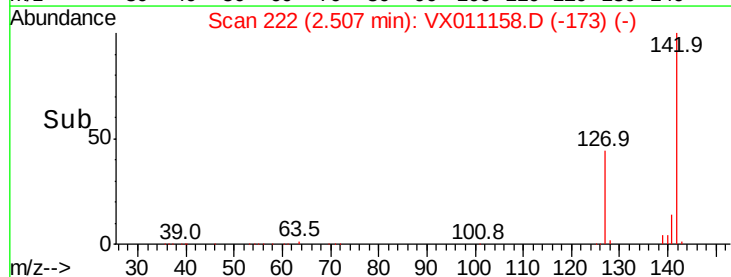
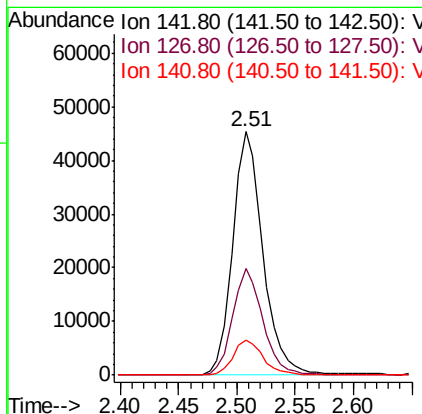
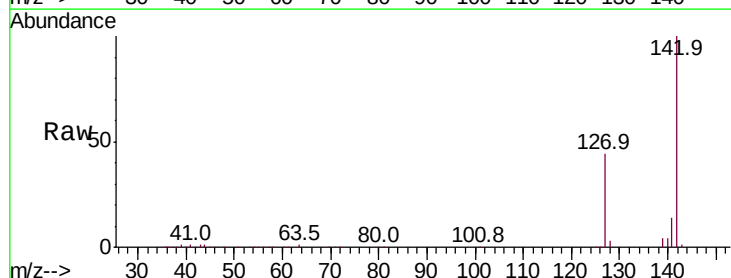
RT: 2.51 min Scan# 222

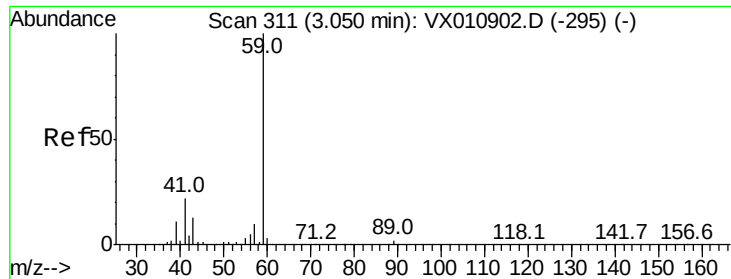
Delta R.T. 0.00 min

Lab File: VX011158.D

Acq: 29 Jul 2019 20:06

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 81981 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 43.9  | 34.2  | 51.4  |
| 141       | 14.4  | 11.7  | 17.5  |





#11

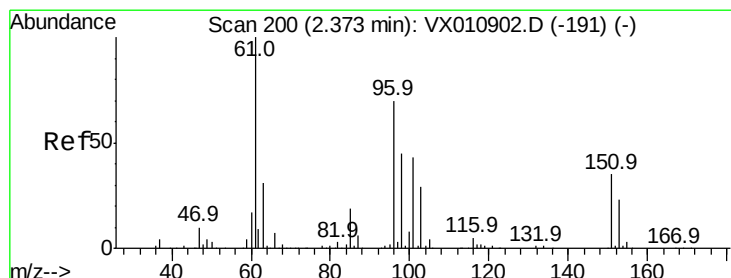
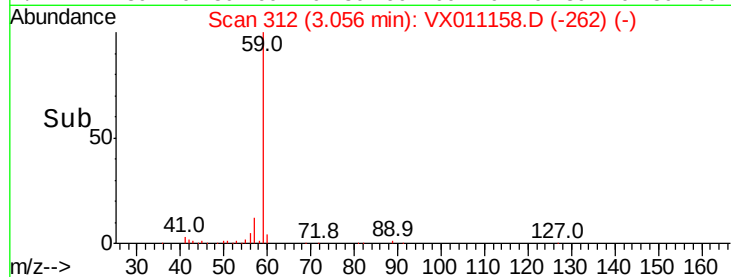
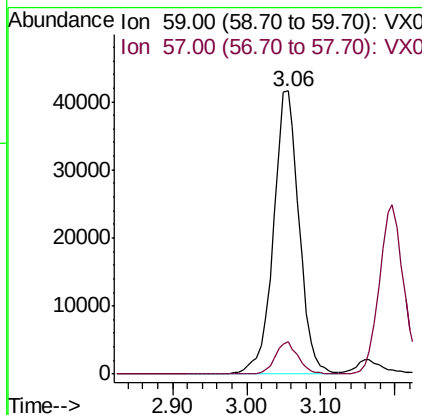
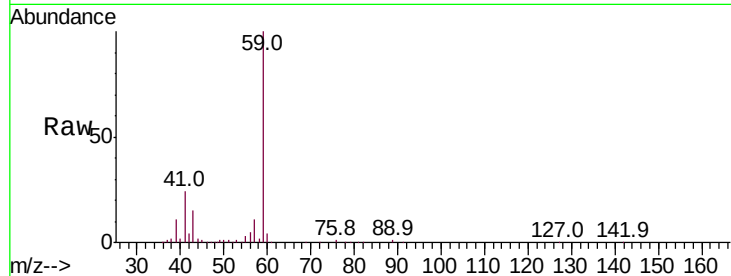
Tert butyl alcohol  
Concen: 220.489 ug/l  
RT: 3.06 min Scan# 312  
Delta R.T. 0.01 min  
Lab File: VX011158.D  
Acq: 29 Jul 2019 20:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
Z3-0681MSD

Tot Ion: 59 Resp: 99205  
Ion Ratio Lower Upper  
59 100  
57 10.3 7.9 11.9

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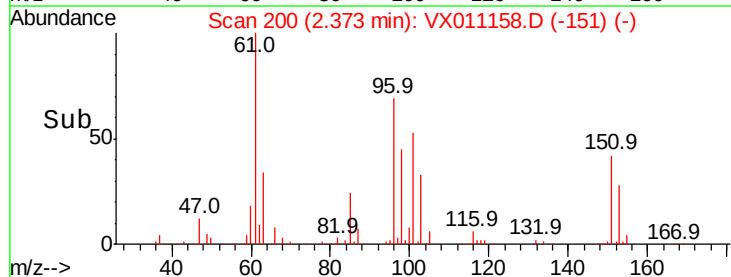
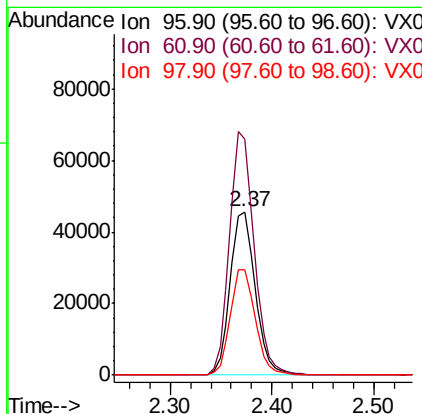
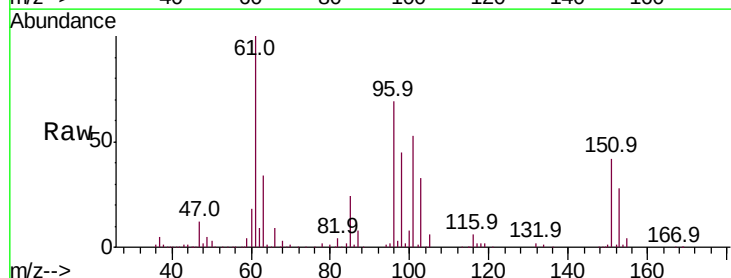
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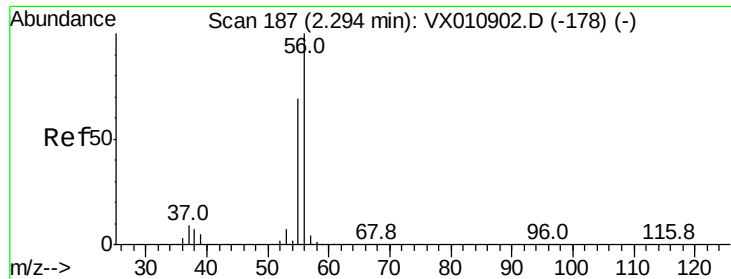


#12

1,1-Dichloroethene  
Concen: 47.844 ug/l  
RT: 2.37 min Scan# 200  
Delta R.T. 0.00 min  
Lab File: VX011158.D  
Acq: 29 Jul 2019 20:06

Tgt Ion: 96 Resp: 77391  
Ion Ratio Lower Upper  
96 100  
61 144.2 115.0 172.4  
98 64.4 52.2 78.2





#13

Acrolein

Concen: 207.024 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX011158.D

Acq: 29 Jul 2019 20:06

Instrument :

MSVOA\_X

ClientSampleId :

Z3-0681MSD

Tot Ion: 56 Resp: 53817

Ion Ratio Lower Upper

56 100

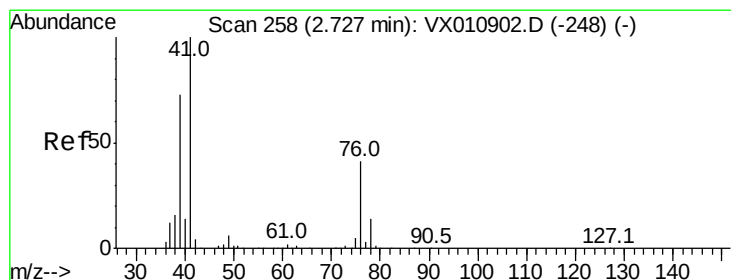
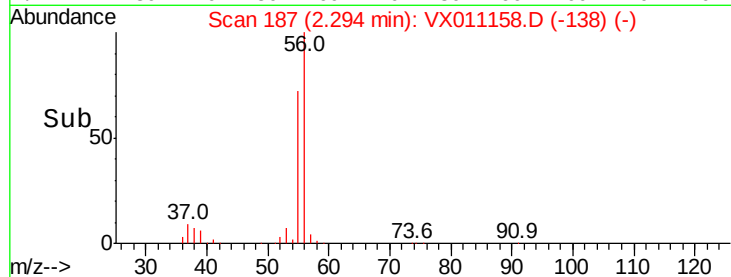
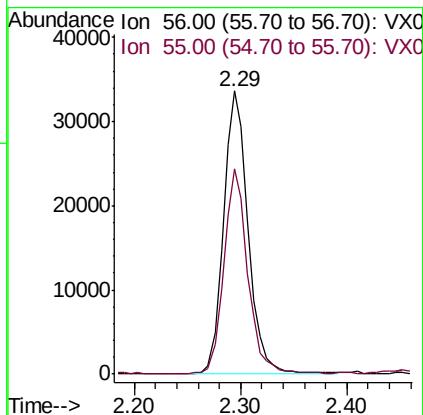
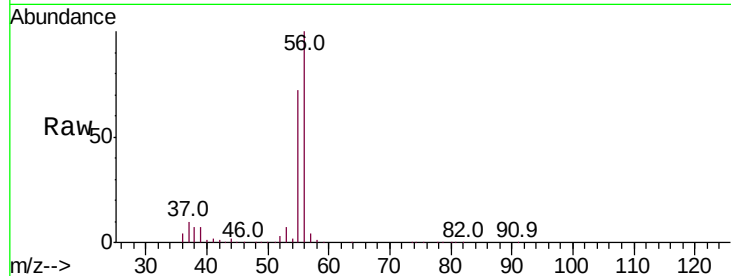
55 70.2 55.9 83.9

Manual Integrations

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#14

Allyl chloride

Concen: 48.339 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX011158.D

Acq: 29 Jul 2019 20:06

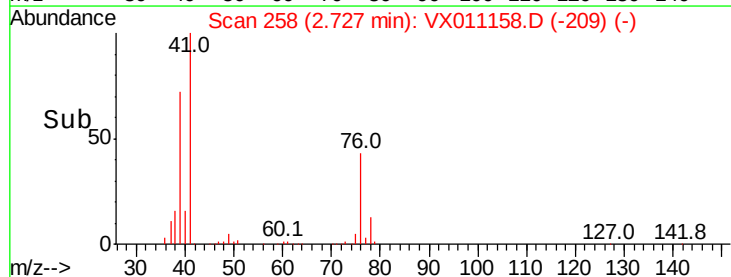
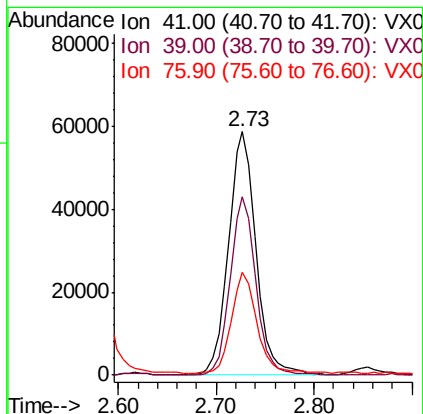
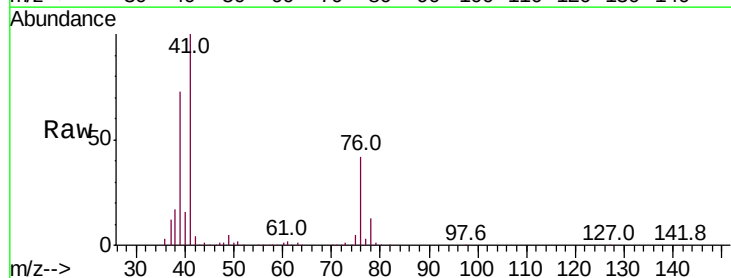
Tgt Ion: 41 Resp: 113577

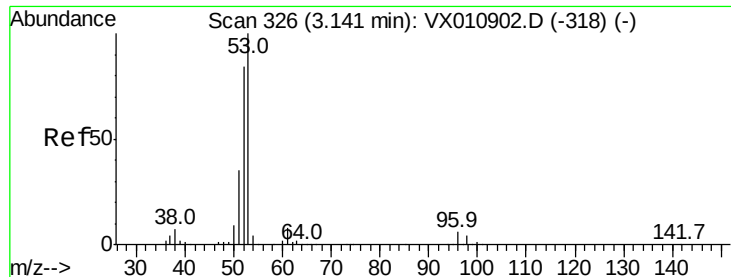
Ion Ratio Lower Upper

41 100

39 68.1 53.6 80.4

76 38.1 29.7 44.5





#15

Acrylonitrile

Concen: 256.820 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX011158.D

Acq: 29 Jul 2019 20:06

Instrument :

MSVOA\_X

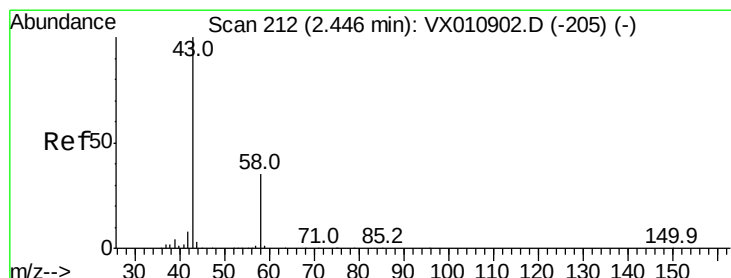
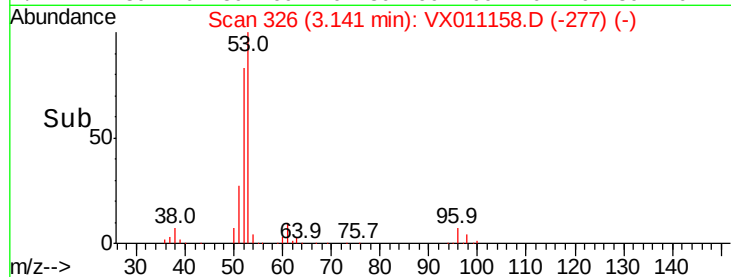
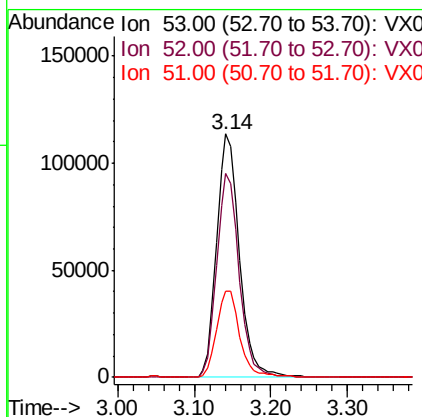
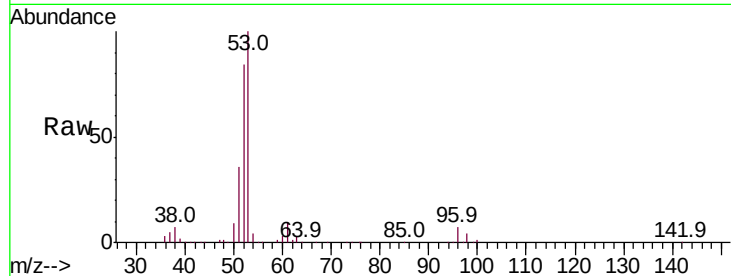
ClientSampleId :

Z3-0681MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 233494 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 82.7  | 66.5  | 99.7   |
| 51        | 36.4  | 28.2  | 42.4   |

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#16

Acetone

Concen: 220.278 ug/l

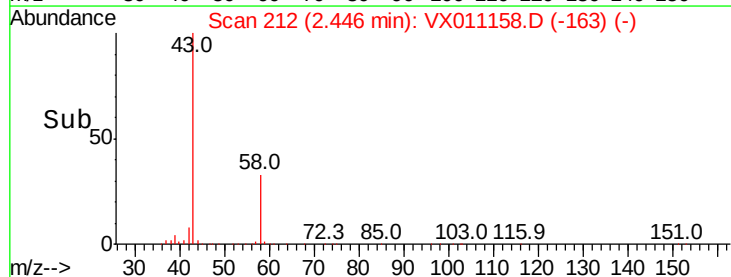
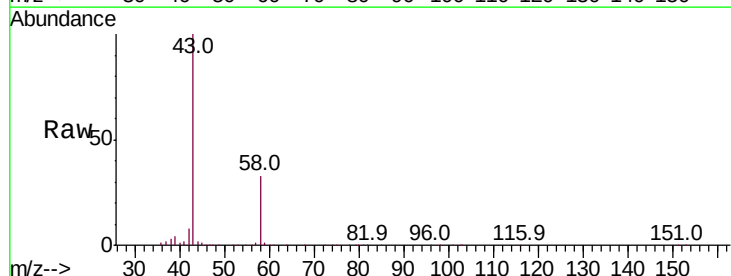
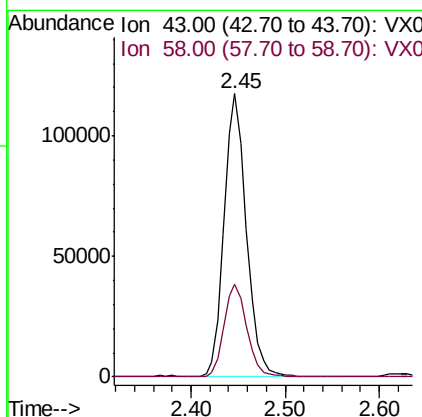
RT: 2.45 min Scan# 212

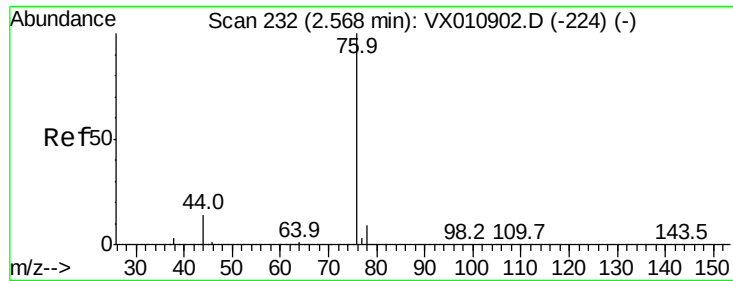
Delta R.T. 0.00 min

Lab File: VX011158.D

Acq: 29 Jul 2019 20:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 192206 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 32.8  | 27.7  | 41.5   |





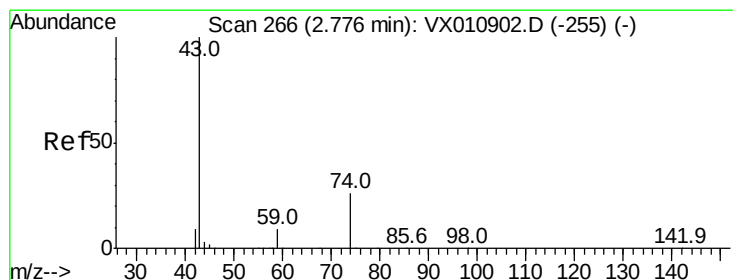
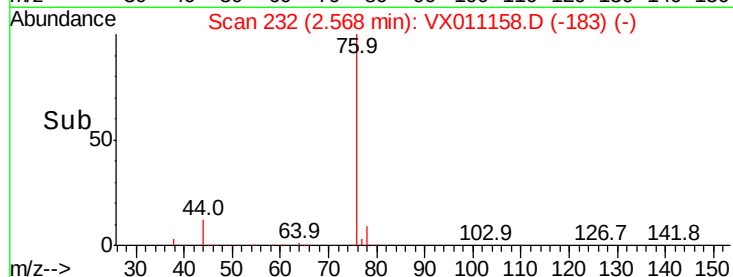
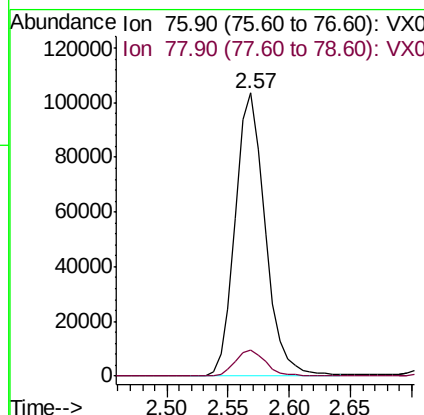
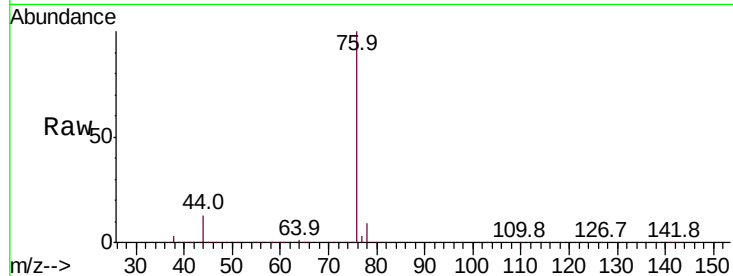
#17  
Carbon Disulfide  
Concen: 42.464 ug/l  
RT: 2.57 min Scan# 232  
Delta R.T. 0.00 min  
Lab File: VX011158.D  
Acq: 29 Jul 2019 20:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
Z3-0681MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.0   | 7.4   | 11.0  |

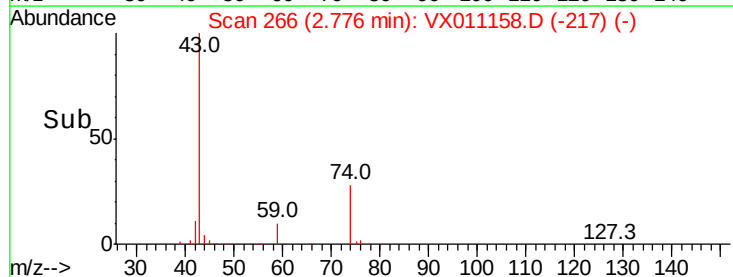
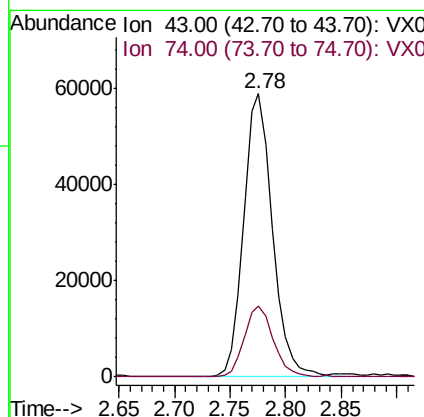
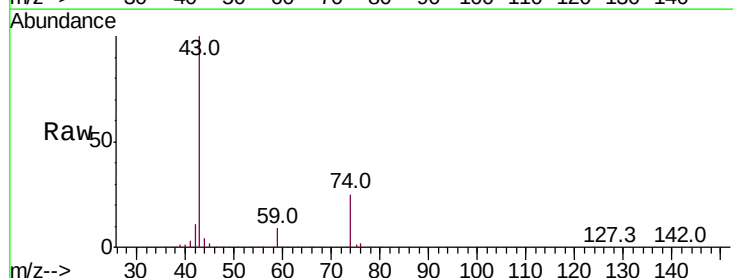
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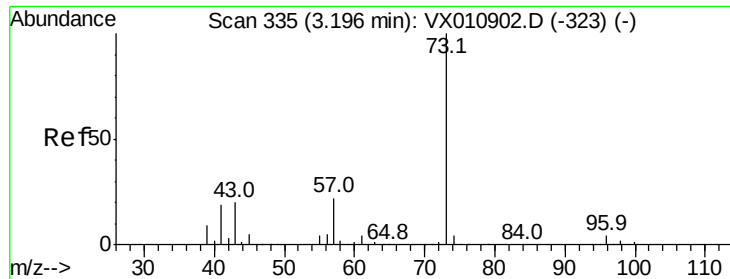
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#18  
Methyl Acetate  
Concen: 53.101 ug/l  
RT: 2.78 min Scan# 266  
Delta R.T. 0.00 min  
Lab File: VX011158.D  
Acq: 29 Jul 2019 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 25.9  | 21.5  | 32.3  |





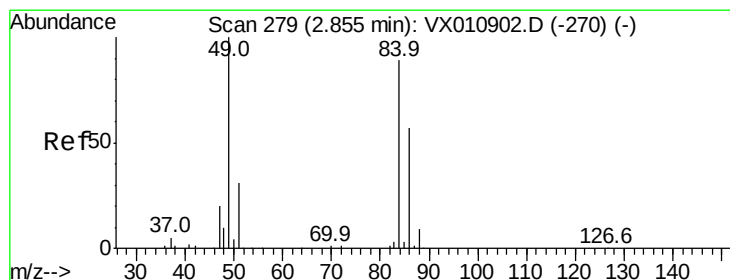
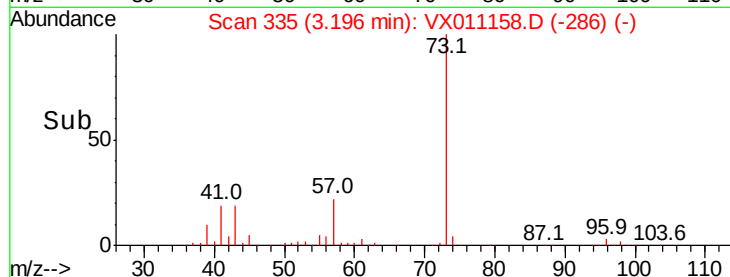
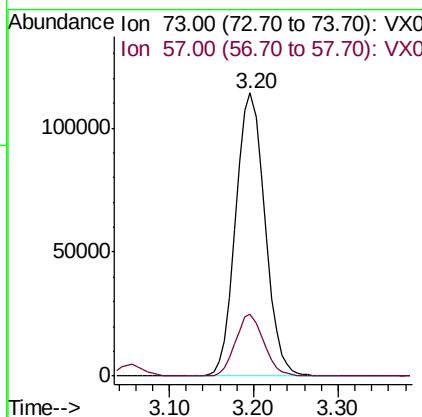
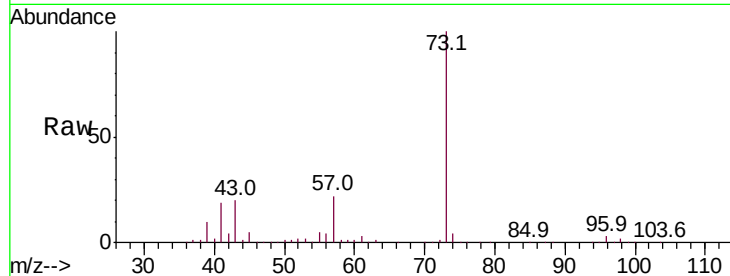
#19  
Methyl tert-butyl Ether  
Concen: 51.362 ug/l  
RT: 3.20 min Scan# 335  
Delta R.T. 0.00 min  
Lab File: VX011158.D  
Acq: 29 Jul 2019 20:06

Instrument :  
MSVOA\_X  
ClientSampled :  
Z3-0681MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 21.8  | 17.3  | 25.9  |

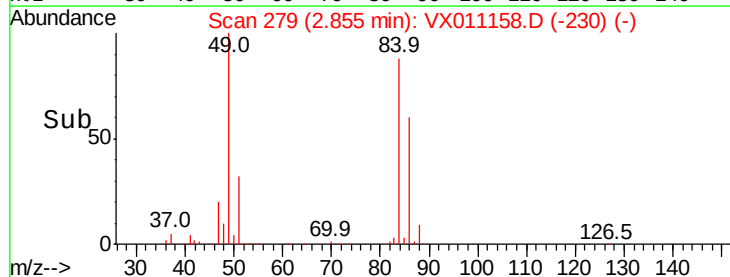
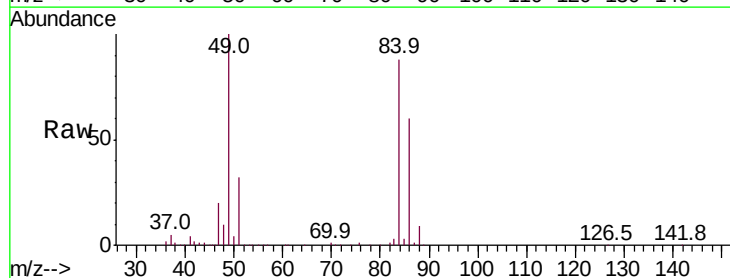
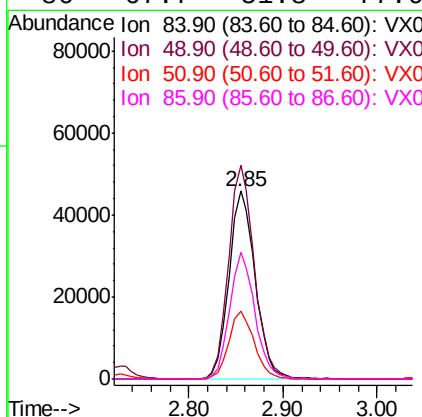
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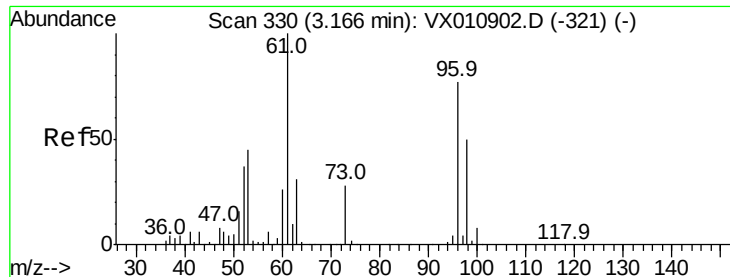
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#20  
Methylene Chloride  
Concen: 48.009 ug/l  
RT: 2.85 min Scan# 279  
Delta R.T. 0.00 min  
Lab File: VX011158.D  
Acq: 29 Jul 2019 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 113.4 | 89.9  | 134.9 |
| 51      | 36.1  | 27.8  | 41.6  |
| 86      | 67.7  | 51.8  | 77.6  |





#21

trans-1,2-Dichloroethene

Concen: 48.215 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX011158.D

Acq: 29 Jul 2019 20:06

Instrument :

MSVOA\_X

ClientSampled :

Z3-0681MSD

Tot Ion: 96 Resp: 82752

Ion Ratio Lower Upper

96 100

61 124.5 104.2 156.2

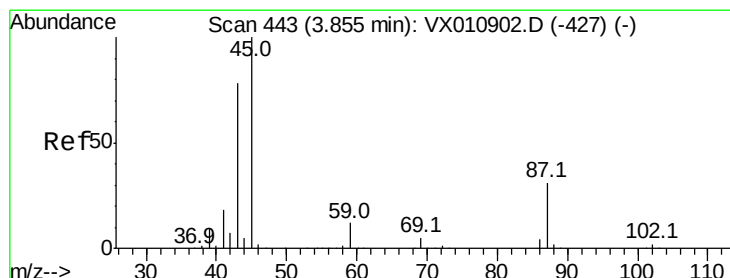
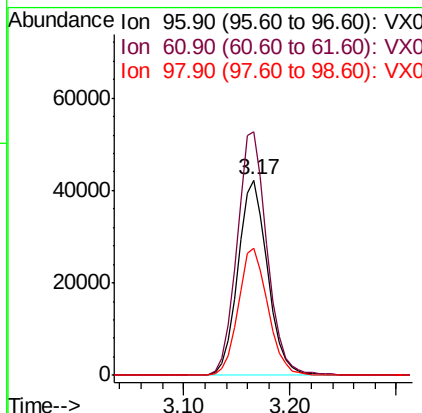
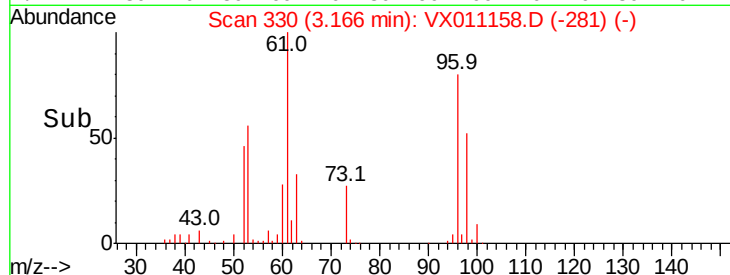
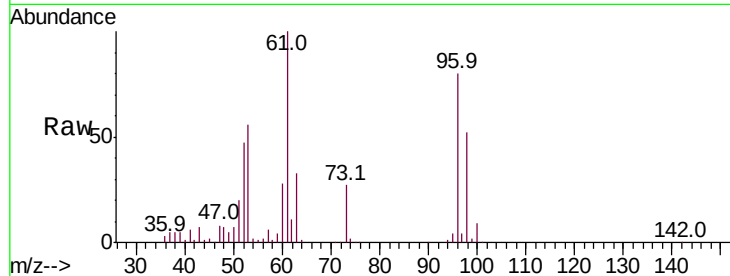
98 64.8 52.2 78.4

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#22

Diisopropyl ether

Concen: 51.202 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX011158.D

Acq: 29 Jul 2019 20:06

Tgt Ion: 45 Resp: 253726

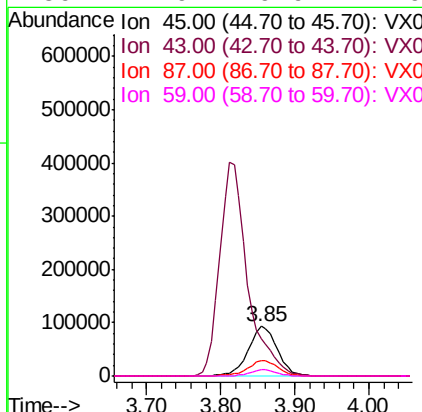
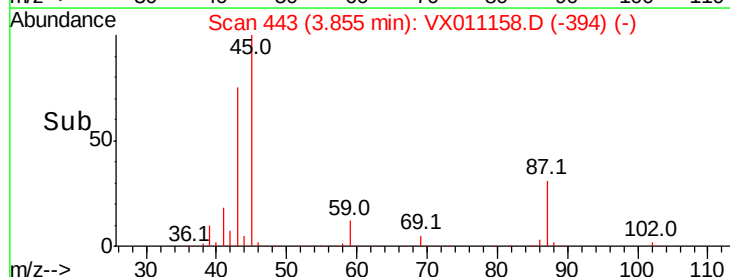
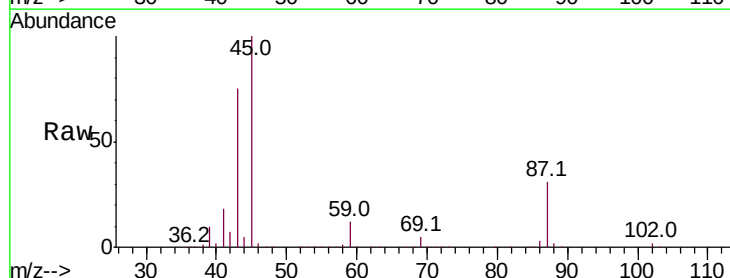
Ion Ratio Lower Upper

45 100

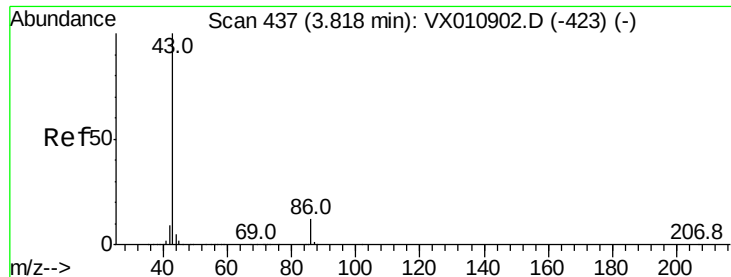
43 75.0 62.3 93.5

87 31.0 25.0 37.4

59 11.9 9.9 14.9







#23

Vinyl Acetate

Concen: 249.696 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX011158.D

Acq: 29 Jul 2019 20:06

Instrument :

MSVOA\_X

ClientSampleId :

Z3-0681MSD

Tot Ion: 43 Resp: 1048390

Ion Ratio Lower Upper

43 100

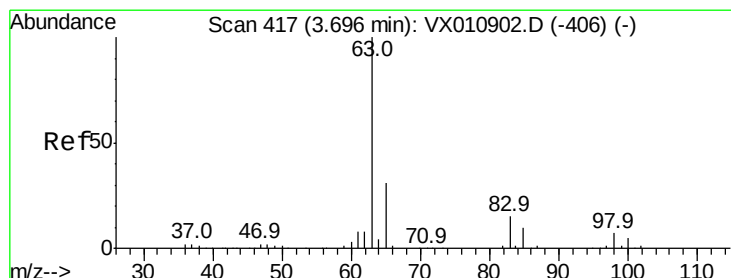
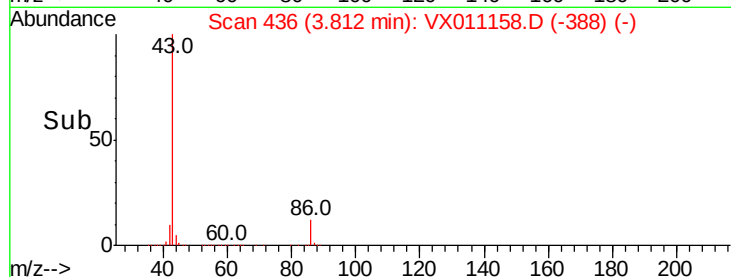
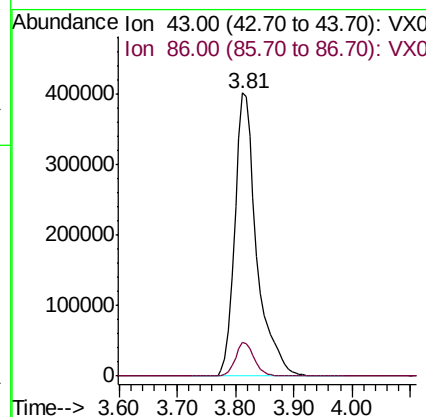
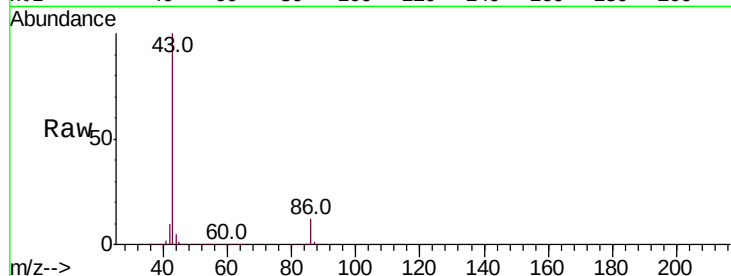
86 11.7 9.4 14.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 50.330 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX011158.D

Acq: 29 Jul 2019 20:06

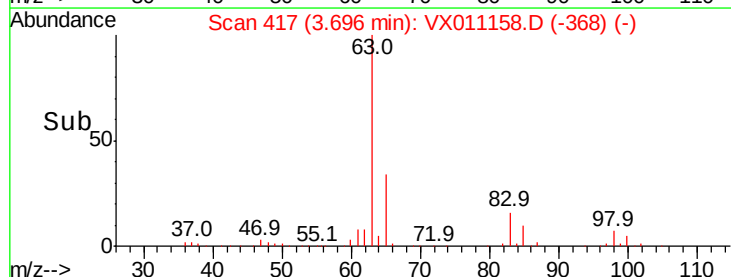
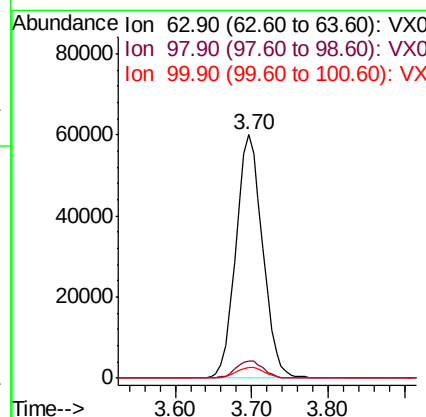
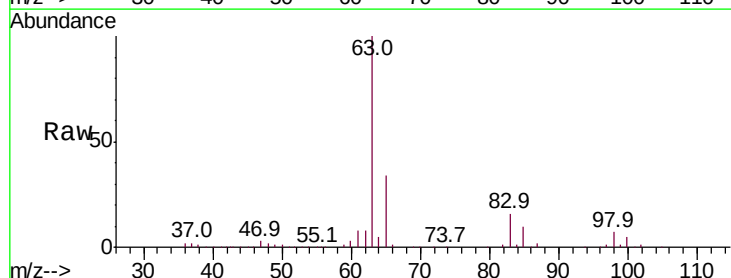
Tgt Ion: 63 Resp: 144843

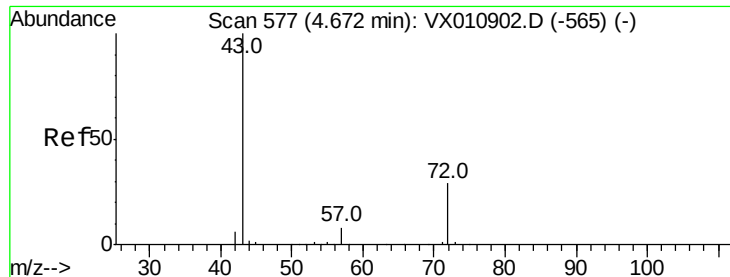
Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.9

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 251.722 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX011158.D

Acq: 29 Jul 2019 20:06

Instrument :

MSVOA\_X

ClientSampleId :

Z3-0681MSD

Tot Ion: 43 Resp: 315295

Ion Ratio Lower Upper

43 100

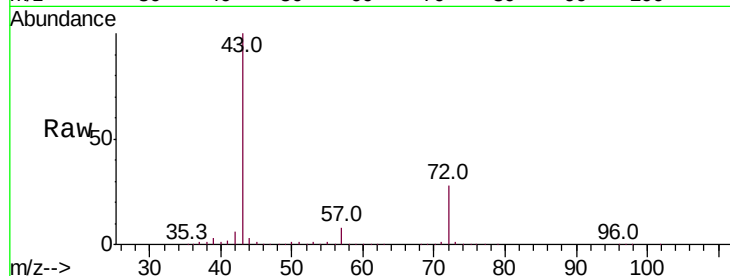
72 28.3 23.0 34.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

120000

100000

80000

60000

40000

20000

0

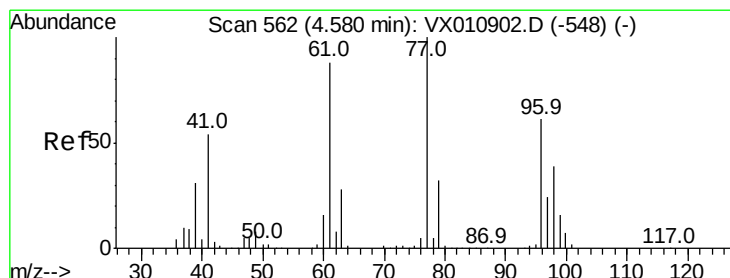
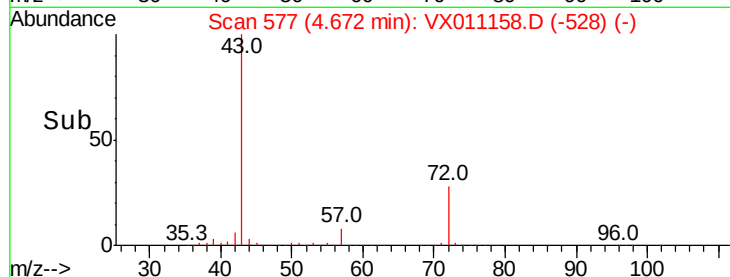
4.67

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 45.041 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX011158.D

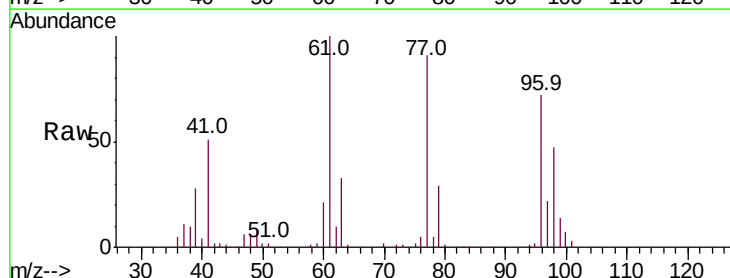
Acq: 29 Jul 2019 20:06

Tgt Ion: 77 Resp: 106431

Ion Ratio Lower Upper

77 100

97 25.2 12.6 37.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

20000

10000

0

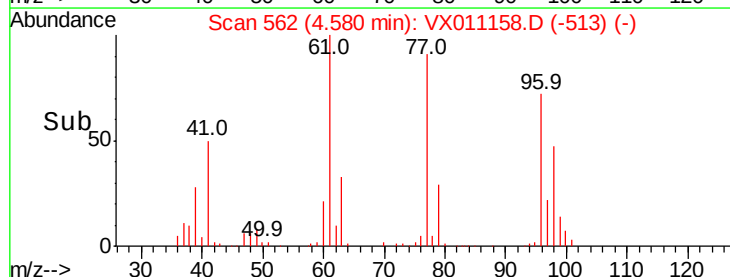
4.58

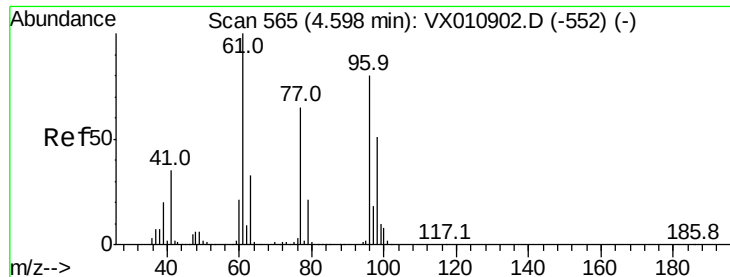
4.50

4.60

4.70

Time-->





#27

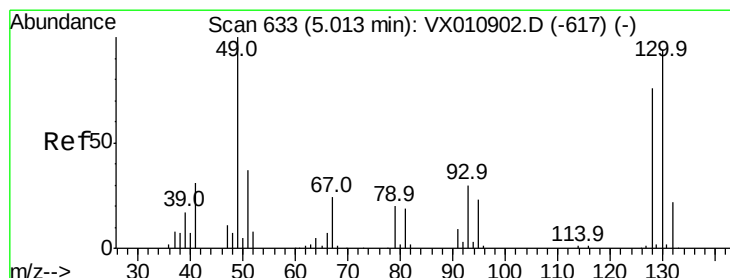
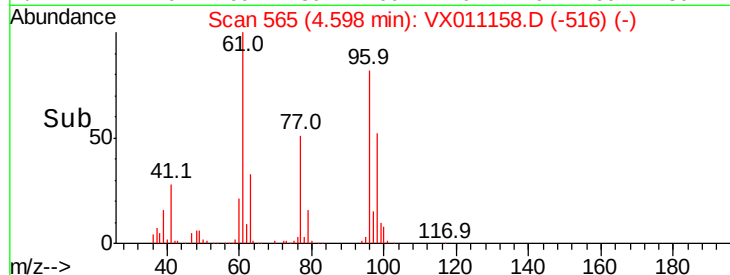
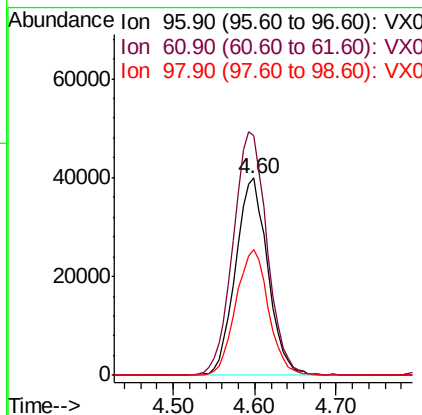
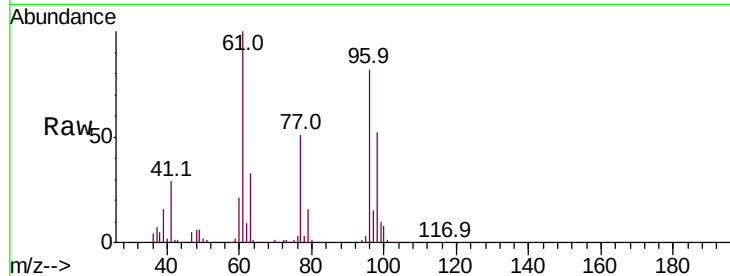
cis-1,2-Dichloroethene  
 Concen: 55.176 ug/l  
 RT: 4.60 min Scan# 565  
 Delta R.T. 0.00 min  
 Lab File: VX011158.D  
 Acq: 29 Jul 2019 20:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 Z3-0681MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 109598 |       |       |
| 61      | 130.2 | 0.0    | 269.0 |       |
| 98      | 64.6  | 0.0    | 131.4 |       |

Manual Integrations  
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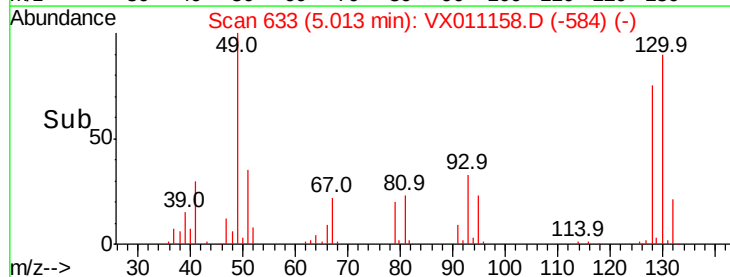
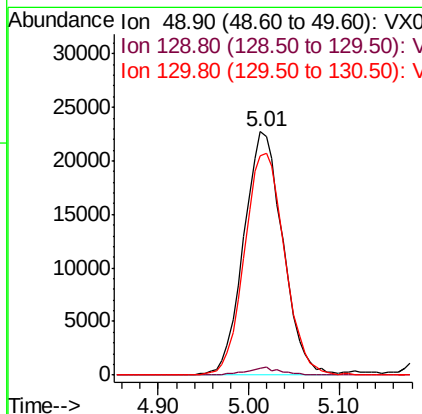
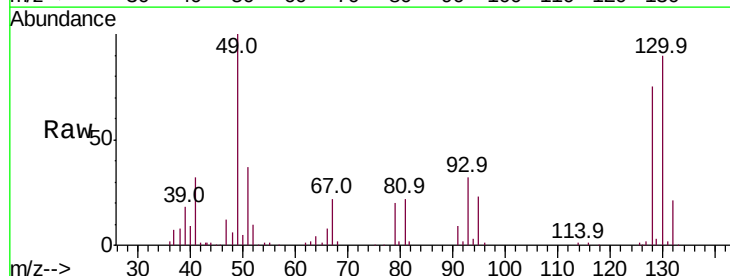
MMDadoda  
 7/30/2019 11:09:16 AM

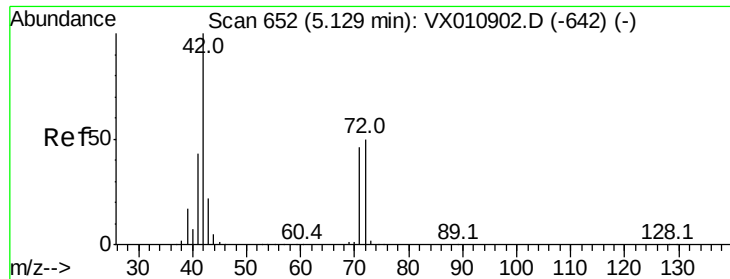


#28

Bromochloromethane  
 Concen: 49.965 ug/l  
 RT: 5.01 min Scan# 633  
 Delta R.T. 0.00 min  
 Lab File: VX011158.D  
 Acq: 29 Jul 2019 20:06

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 49      | 100   | 67759 |       |       |
| 129     | 2.6   | 0.0   | 5.2   |       |
| 130     | 93.5  | 76.9  | 115.3 |       |





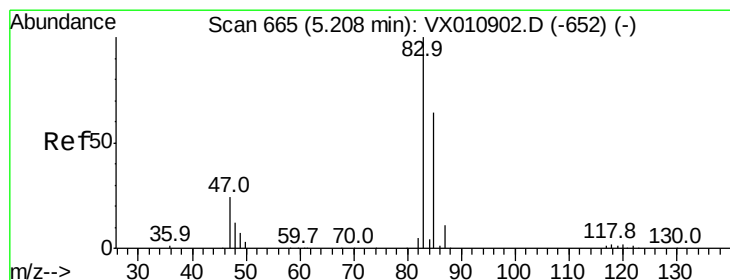
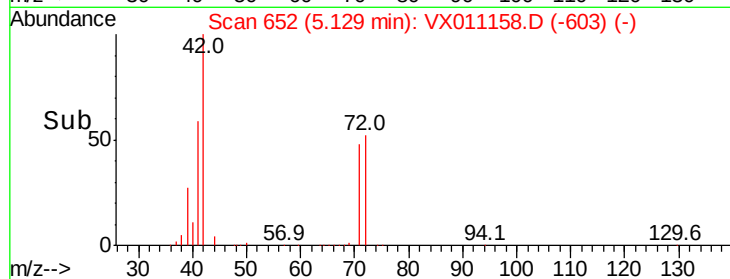
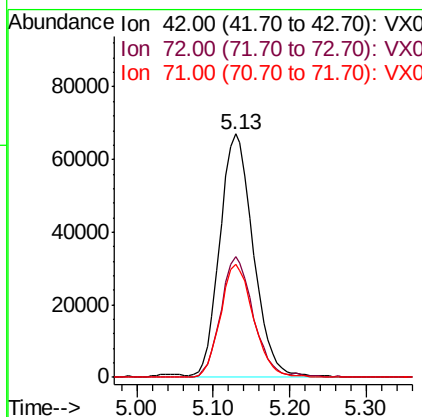
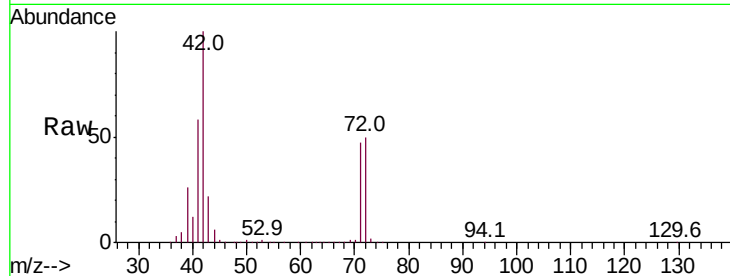
#29  
Tetrahydrofuran  
Concen: 254.839 ug/l  
RT: 5.13 min Scan# 652  
Delta R.T. 0.00 min  
Lab File: VX011158.D  
Acq: 29 Jul 2019 20:06

Instrument :  
MSVOA\_X  
ClientSampled :  
Z3-0681MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 48.9  | 39.8  | 59.8  |
| 71      | 46.0  | 37.0  | 55.4  |

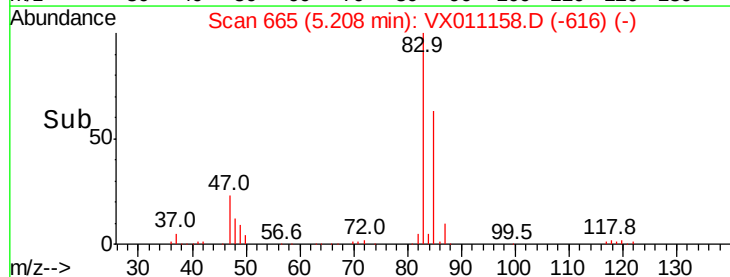
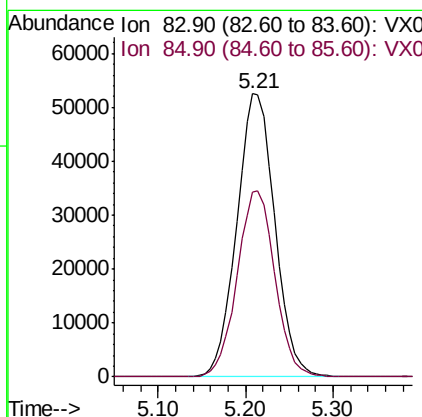
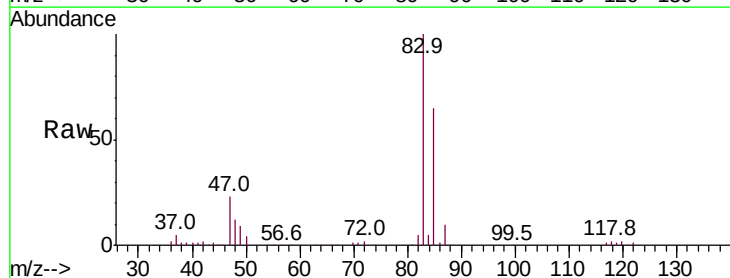
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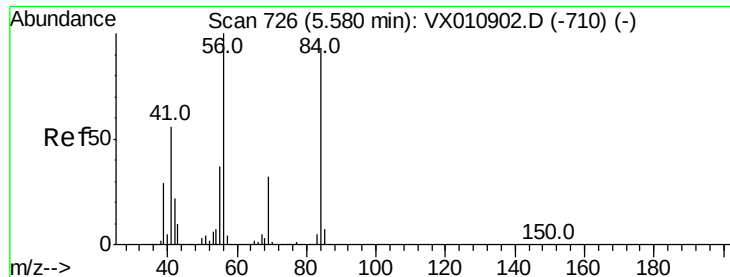
MMDadoda  
7/30/2019 11:09:16 AM



#30  
Chloroform  
Concen: 51.068 ug/l  
RT: 5.21 min Scan# 665  
Delta R.T. 0.00 min  
Lab File: VX011158.D  
Acq: 29 Jul 2019 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.3  | 51.4  | 77.0  |





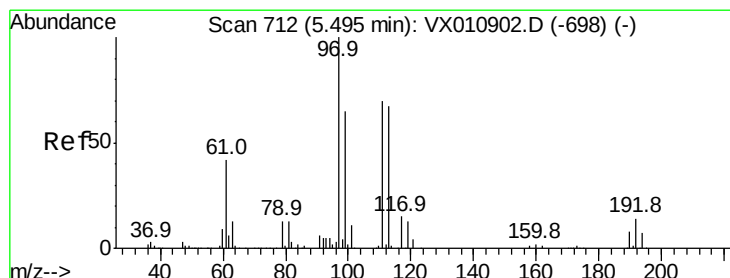
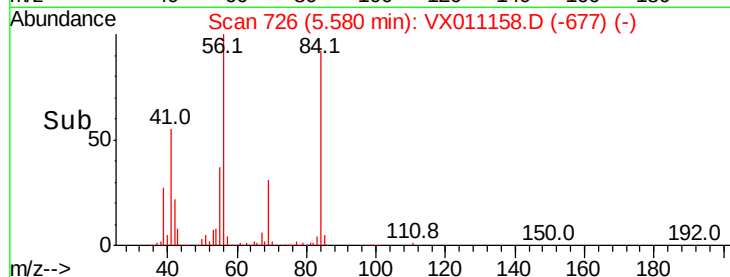
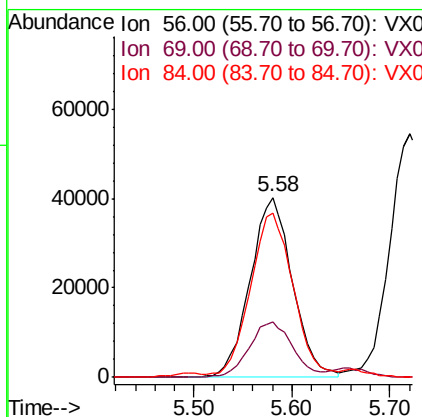
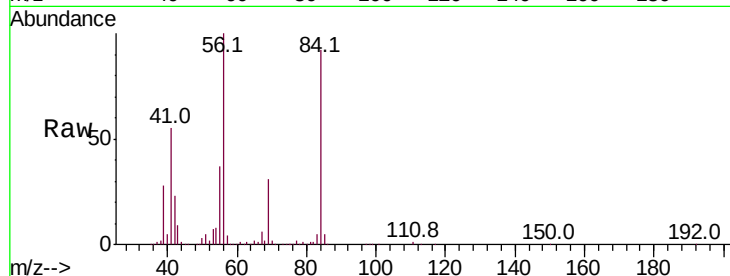
#31  
Cyclohexane  
Concen: 46.238 ug/l  
RT: 5.58 min Scan# 726  
Delta R.T. 0.00 min  
Lab File: VX011158.D  
Acq: 29 Jul 2019 20:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
Z3-0681MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 30.7  | 25.8  | 38.8  |
| 84      | 89.3  | 73.8  | 110.6 |

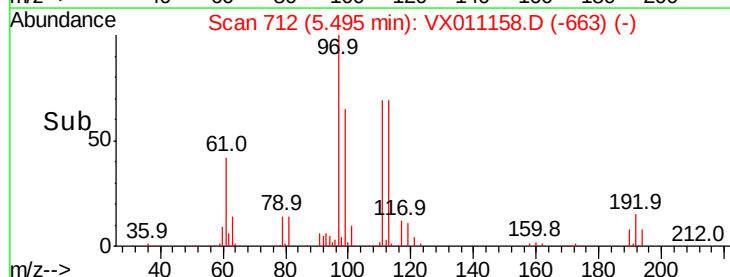
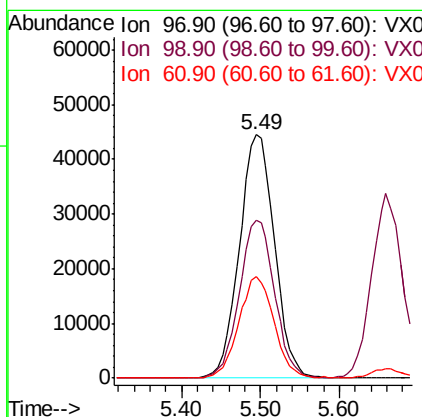
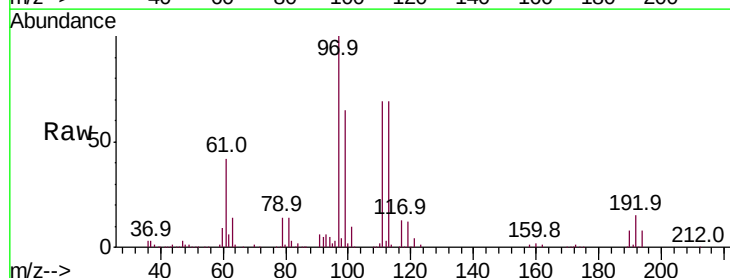
Manual Integrations  
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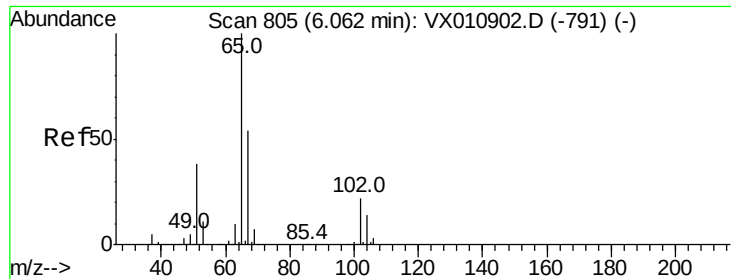
MMDadoda  
7/30/2019 11:09:16 AM



#32  
1,1,1-Trichloroethane  
Concen: 51.114 ug/l  
RT: 5.49 min Scan# 712  
Delta R.T. 0.00 min  
Lab File: VX011158.D  
Acq: 29 Jul 2019 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 65.2  | 51.4  | 77.0  |
| 61      | 41.9  | 33.0  | 49.6  |





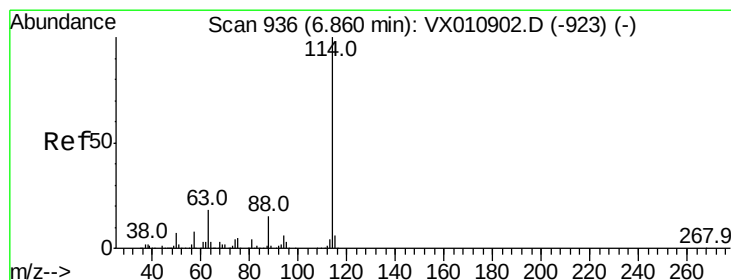
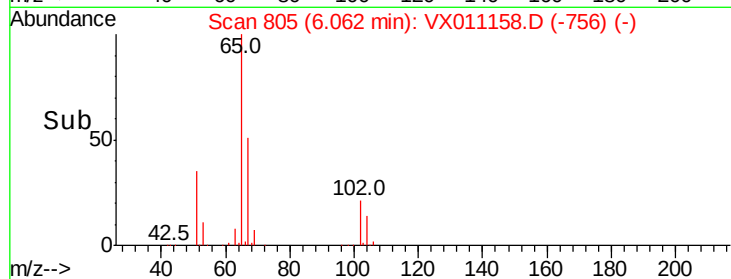
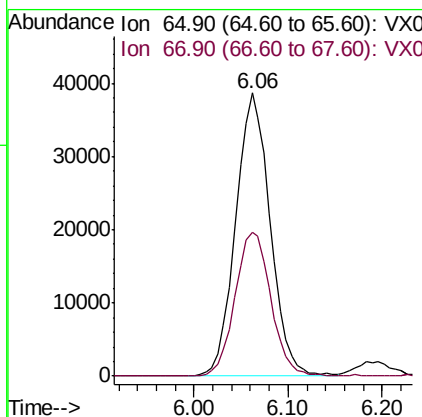
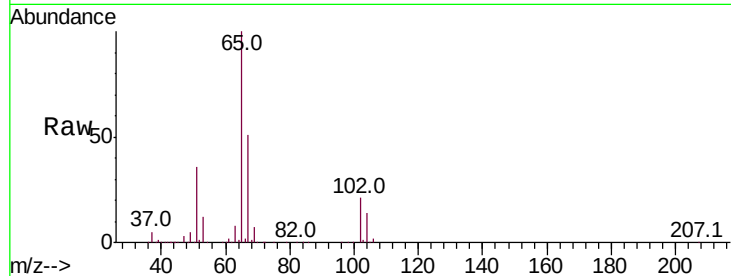
#33  
 1,2-Dichloroethane-d4  
 Concen: 51.232 ug/l  
 RT: 6.06 min Scan# 805  
 Delta R.T. 0.00 min  
 Lab File: VX011158.D  
 Acq: 29 Jul 2019 20:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 Z3-0681MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 52.7  | 0.0   | 107.8 |

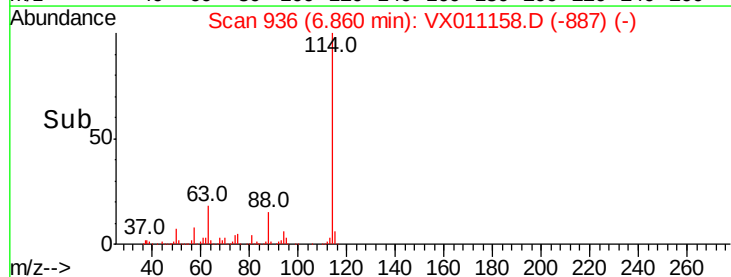
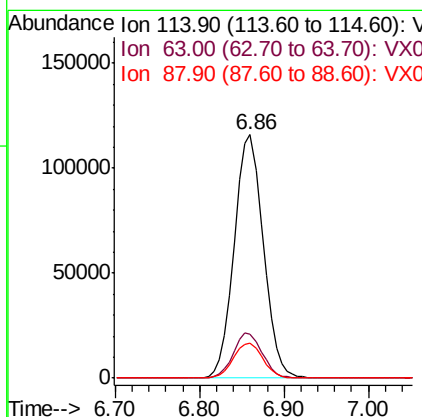
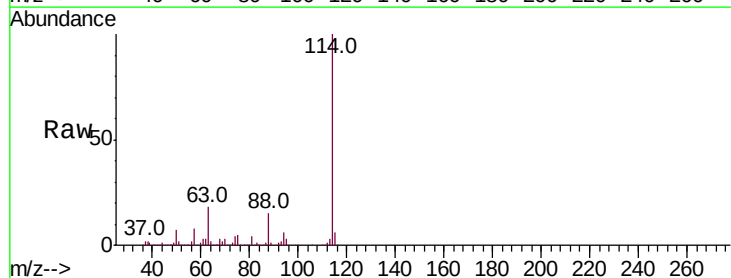
Manual Integrations  
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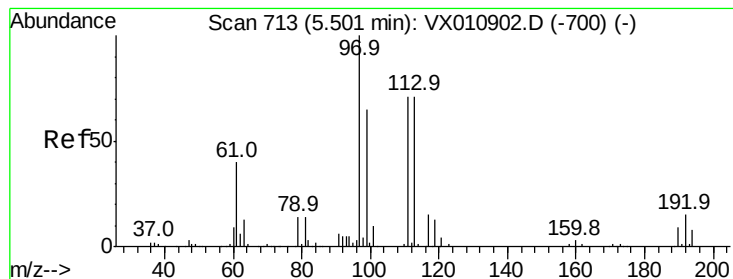
MMDadoda  
 7/30/2019 11:09:16 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. 0.00 min  
 Lab File: VX011158.D  
 Acq: 29 Jul 2019 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 18.1  | 0.0   | 35.6  |
| 88      | 14.5  | 0.0   | 29.8  |





#35

Dibromofluoromethane

Concen: 51.633 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX011158.D

Acq: 29 Jul 2019 20:06

Instrument :

MSVOA\_X

ClientSampleId :

Z3-0681MSD

Tot Ion:113 Resp: 88426

Ion Ratio Lower Upper

113 100

111 103.7 82.3 123.5

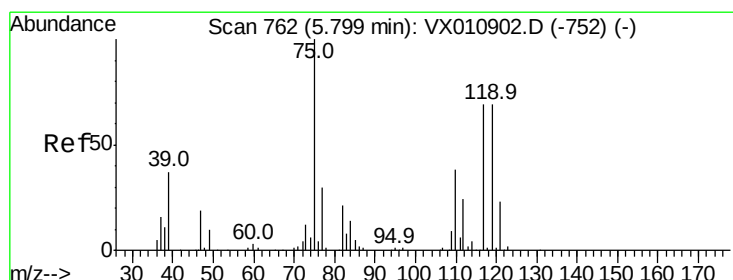
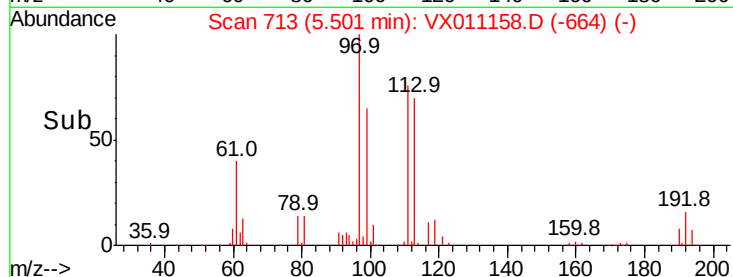
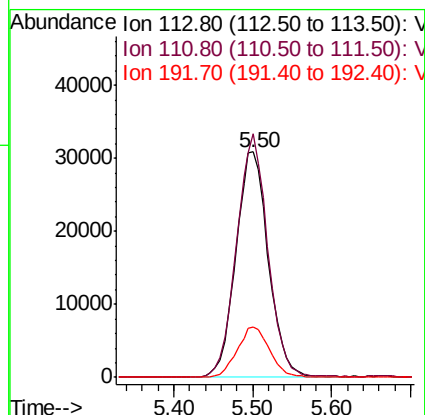
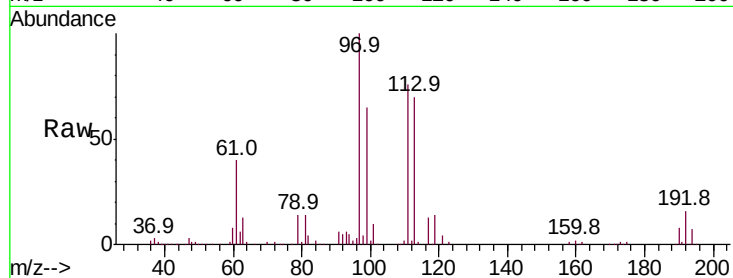
192 22.3 17.4 26.2

Manual Integrations

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#36

1,1-Dichloropropene

Concen: 49.551 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX011158.D

Acq: 29 Jul 2019 20:06

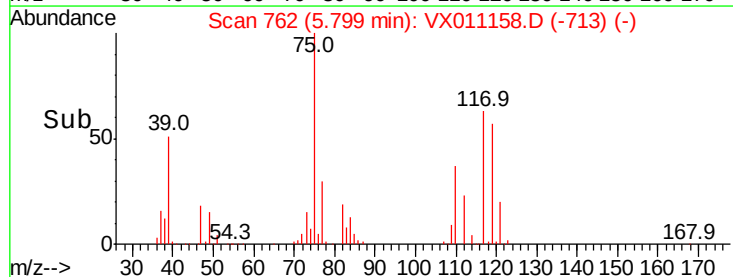
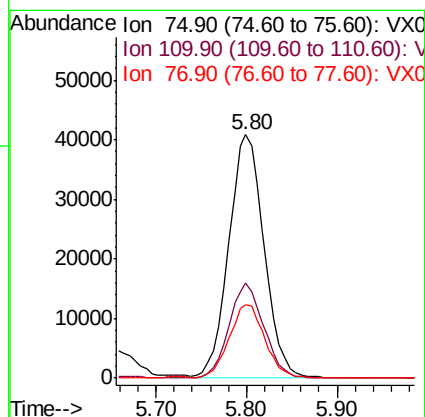
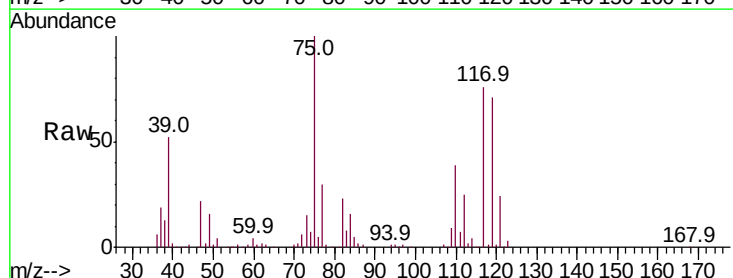
Tgt Ion: 75 Resp: 109819

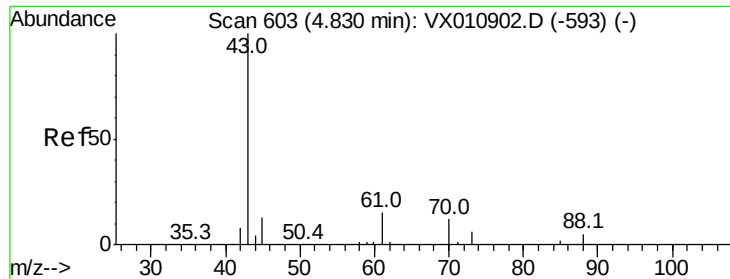
Ion Ratio Lower Upper

75 100

110 38.5 19.9 59.7

77 30.4 25.0 37.4





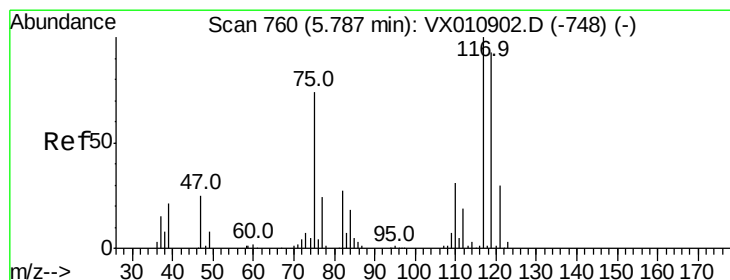
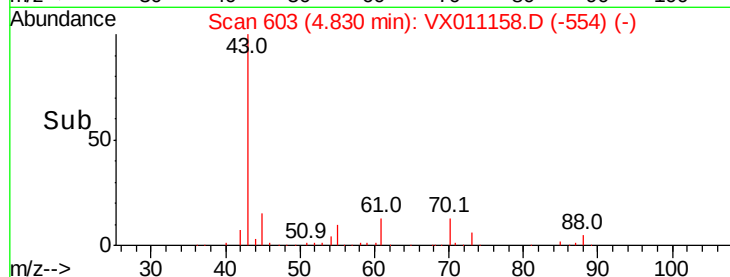
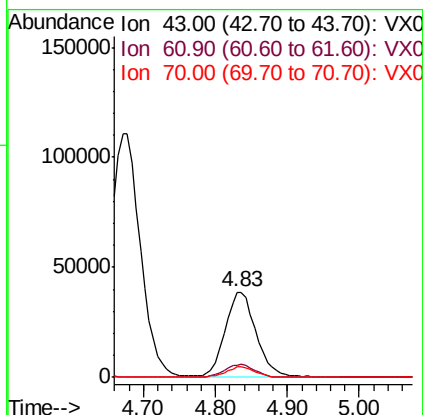
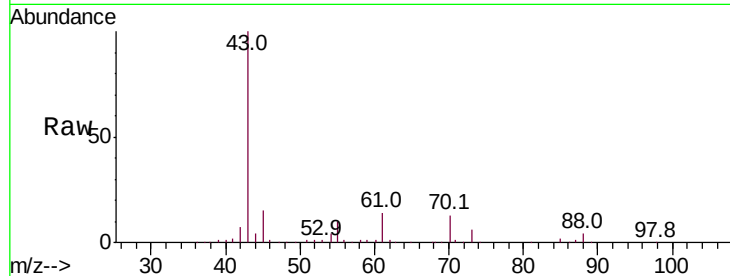
#37  
Ethyl Acetate  
Concen: 51.165 ug/l  
RT: 4.83 min Scan# 603  
Delta R.T. 0.00 min  
Lab File: VX011158.D  
Acq: 29 Jul 2019 20:06

Instrument :  
MSVOA\_X  
ClientSampled :  
Z3-0681MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.3  | 11.6  | 17.4  |
| 70      | 11.9  | 9.1   | 13.7  |

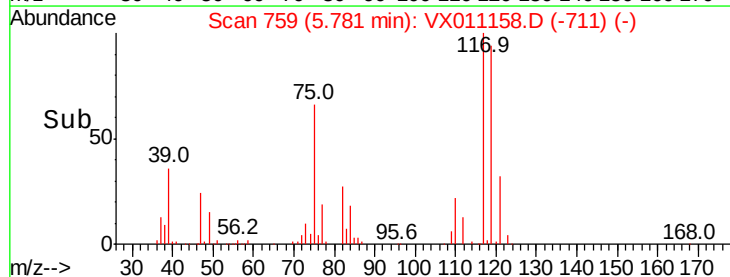
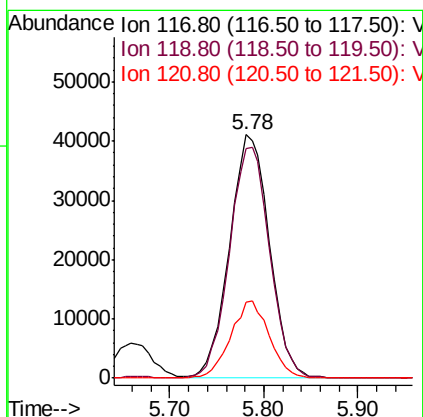
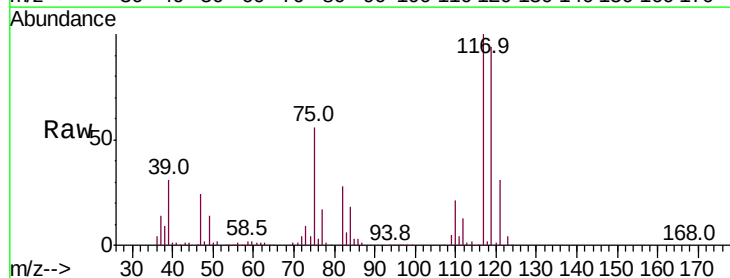
Manual Integrations  
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7/30/2019 11:09:16 AM

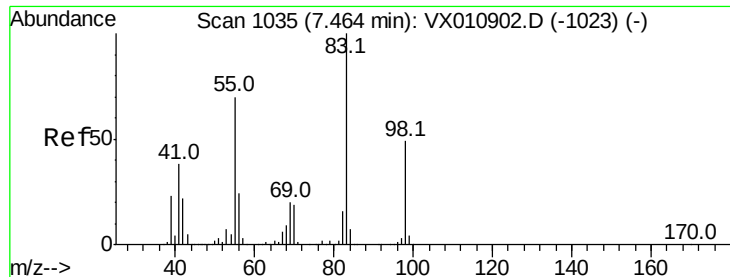


#38  
Carbon Tetrachloride  
Concen: 52.515 ug/l  
RT: 5.78 min Scan# 759  
Delta R.T. -0.01 min  
Lab File: VX011158.D  
Acq: 29 Jul 2019 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.0  | 74.2  | 111.2 |
| 121     | 31.0  | 24.2  | 36.2  |







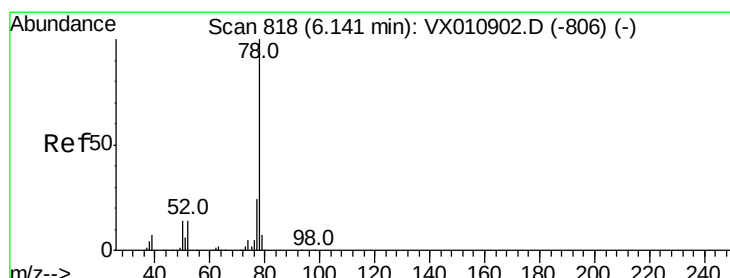
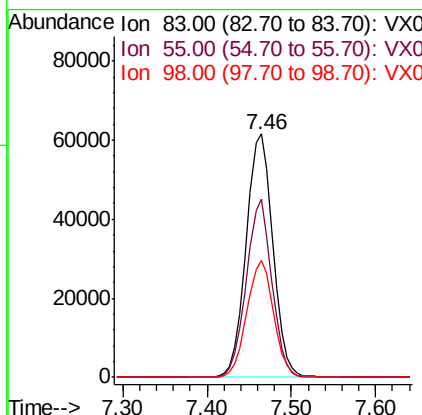
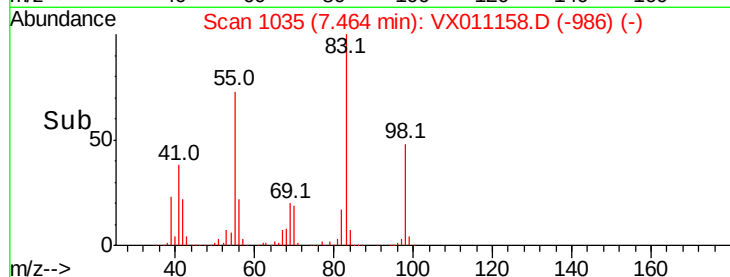
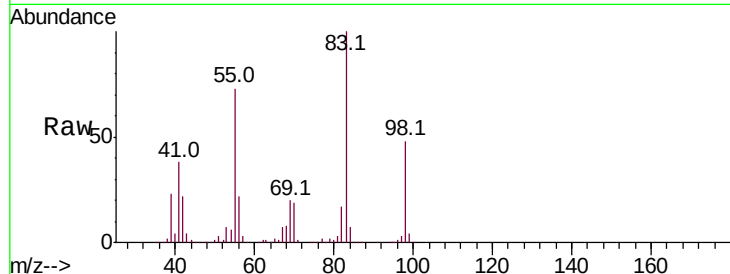
#39  
Methylvlcyclohexane  
Concen: 45.692 ug/l  
RT: 7.46 min Scan# 1035  
Delta R.T. 0.00 min  
Lab File: VX011158.D  
Acq: 29 Jul 2019 20:06

Instrument :  
MSVOA\_X  
ClientSampled :  
Z3-0681MSD

| Tot Ion   | 83   | Resp  | 131324 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 83        | 100  |       |        |
| 55        | 73.1 | 56.2  | 84.4   |
| 98        | 48.0 | 39.0  | 58.4   |

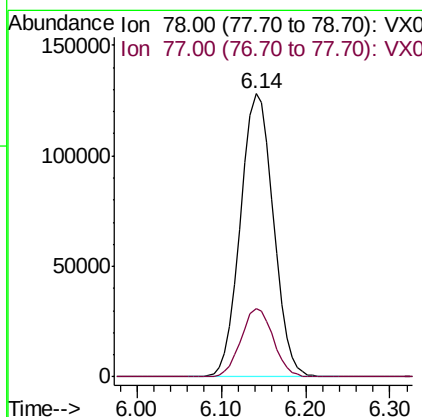
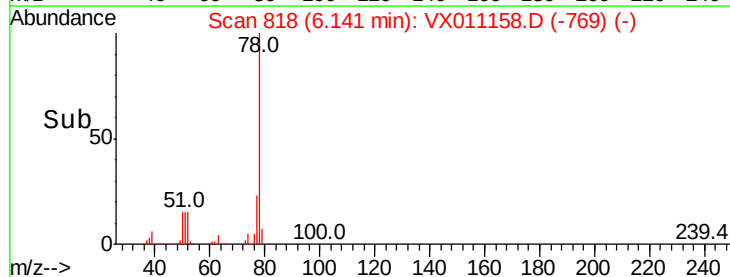
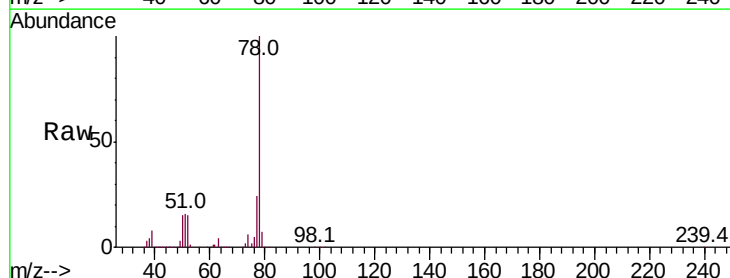
Manual Integrations  
APPROVED

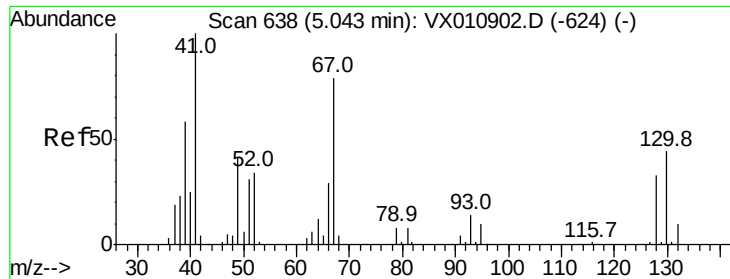
MMDadoda  
7/30/2019 11:09:16 AM



#40  
Benzene  
Concen: 49.995 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. 0.00 min  
Lab File: VX011158.D  
Acq: 29 Jul 2019 20:06

| Tgt Ion   | 78   | Resp  | 339415 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 78        | 100  |       |        |
| 77        | 24.2 | 19.0  | 28.6   |





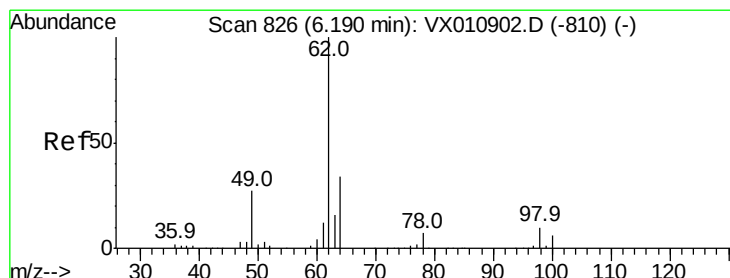
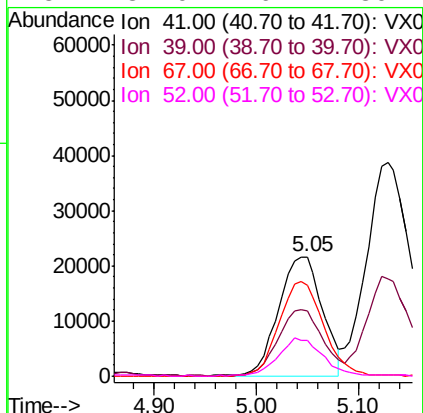
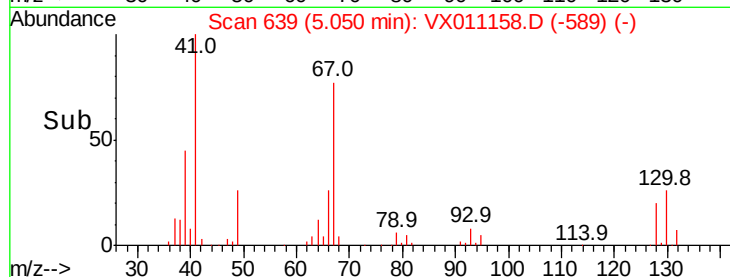
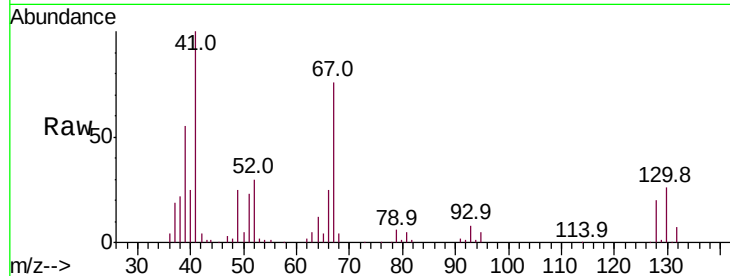
#41  
Methacrylonitrile  
Concen: 50.701 ug/l  
RT: 5.05 min Scan# 639  
Delta R.T. 0.01 min  
Lab File: VX011158.D  
Acq: 29 Jul 2019 20:06

Instrument :  
MSVOA\_X  
ClientSampled :  
Z3-0681MSD

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 56.1 | 45.4  | 68.2  |       |
| 67      | 80.7 | 65.9  | 98.9  |       |
| 52      | 31.0 | 26.2  | 39.2  |       |

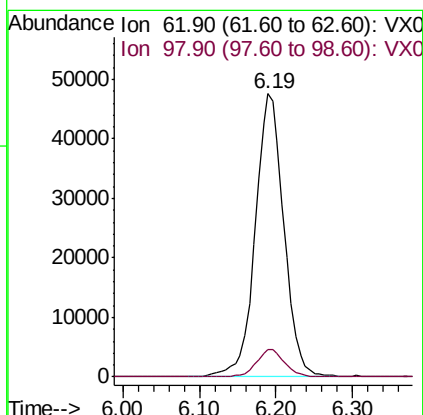
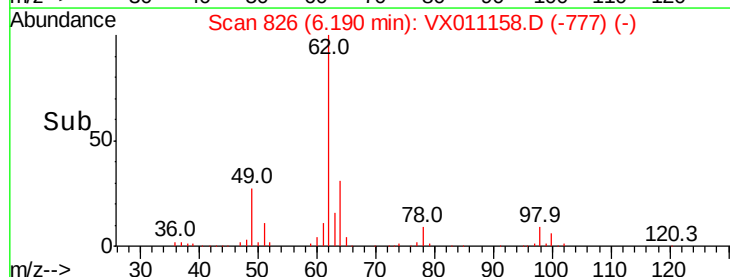
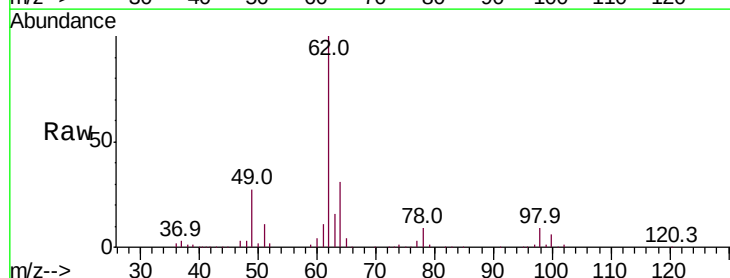
Manual Integrations  
APPROVED

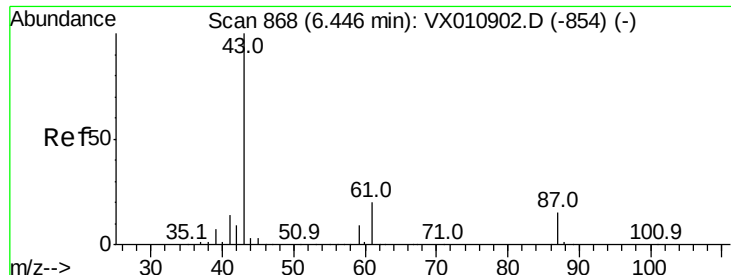
MMDadoda  
7/30/2019 11:09:16 AM



#42  
1,2-Dichloroethane  
Concen: 52.550 ug/l  
RT: 6.19 min Scan# 826  
Delta R.T. 0.00 min  
Lab File: VX011158.D  
Acq: 29 Jul 2019 20:06

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 62      | 100 |       |       |       |
| 98      | 9.5 | 0.0   | 20.0  |       |





#43

Isopropyl Acetate

Concen: 50.612 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX011158.D

Acq: 29 Jul 2019 20:06

Instrument :

MSVOA\_X

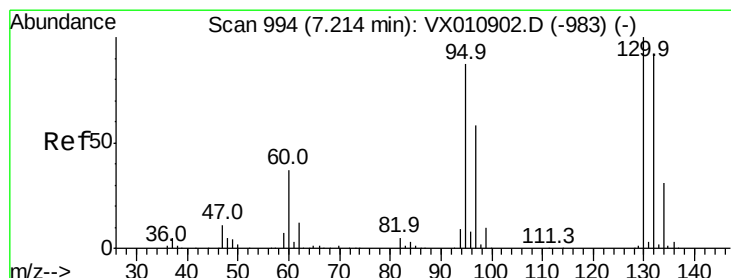
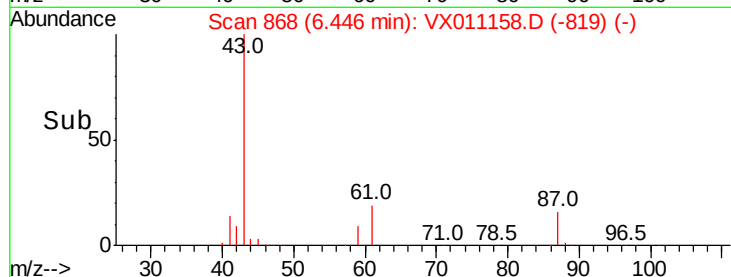
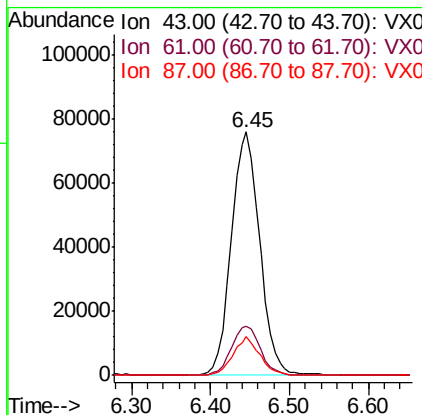
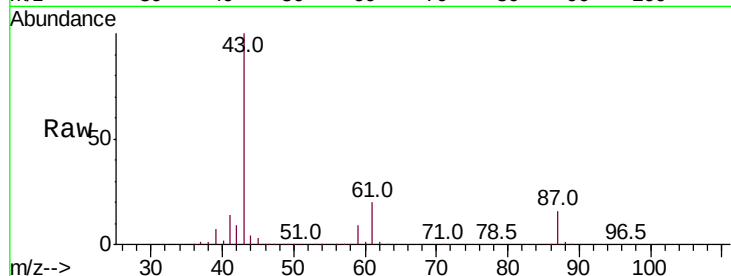
ClientSampleId :

Z3-0681MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 188863 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 20.7  | 17.1  | 25.7   |
| 87       | 14.8  | 12.0  | 18.0   |

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#44

Trichloroethene

Concen: 49.414 ug/l

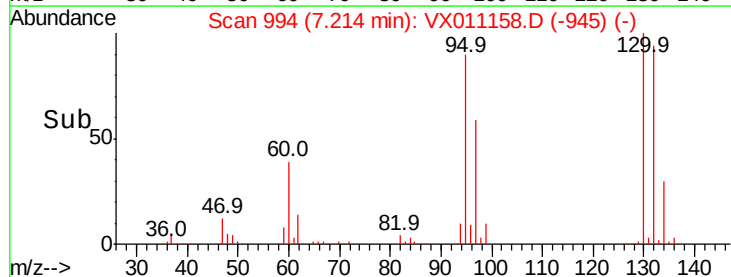
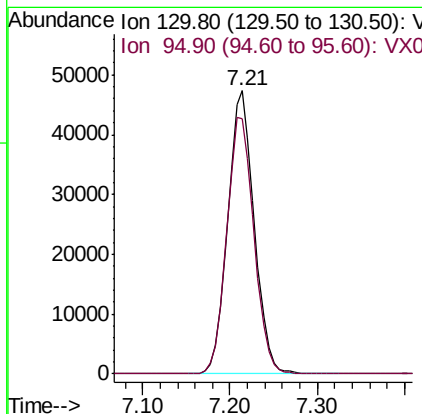
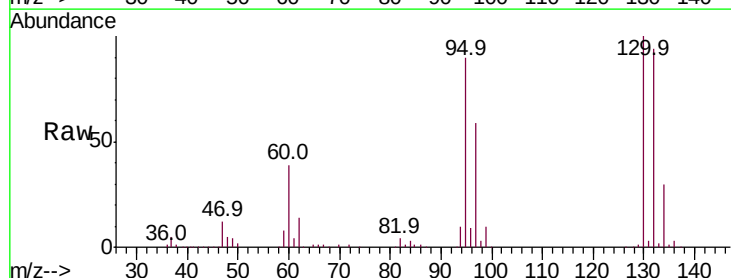
RT: 7.21 min Scan# 994

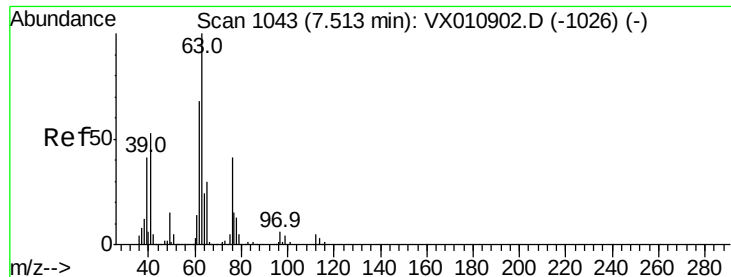
Delta R.T. 0.00 min

Lab File: VX011158.D

Acq: 29 Jul 2019 20:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 99301 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 90.0  | 0.0   | 174.8 |





#45

1,2-Dichloropropane

Concen: 51.475 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX011158.D

Acq: 29 Jul 2019 20:06

Instrument :

MSVOA\_X

ClientSampleId :

Z3-0681MSD

Tot Ion: 63 Resp: 88945

Ion Ratio Lower Upper

63 100

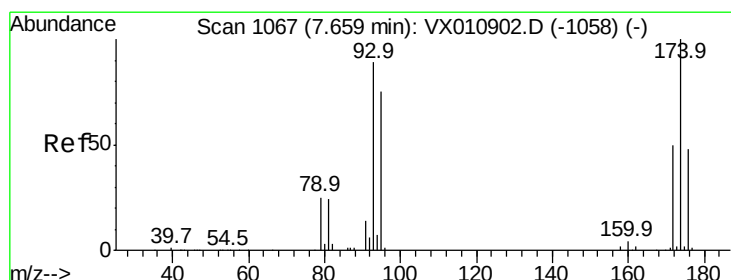
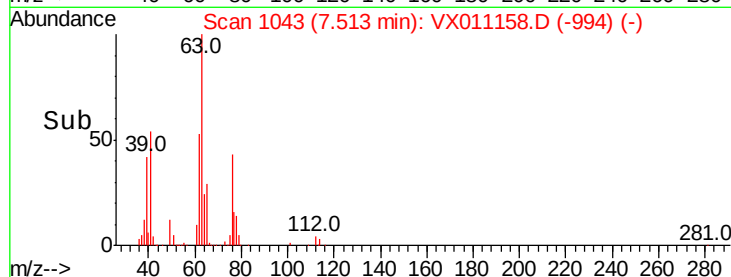
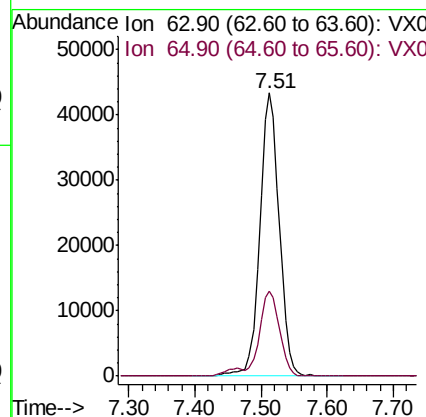
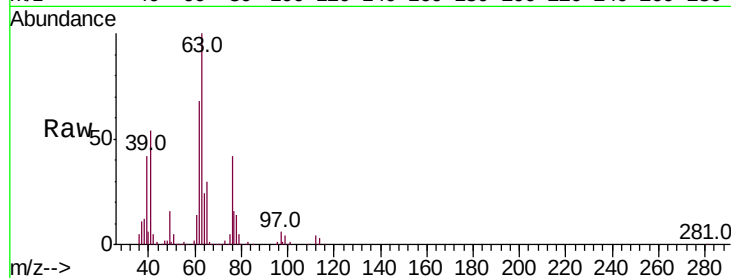
65 29.8 24.4 36.6

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#46

Dibromomethane

Concen: 52.176 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX011158.D

Acq: 29 Jul 2019 20:06

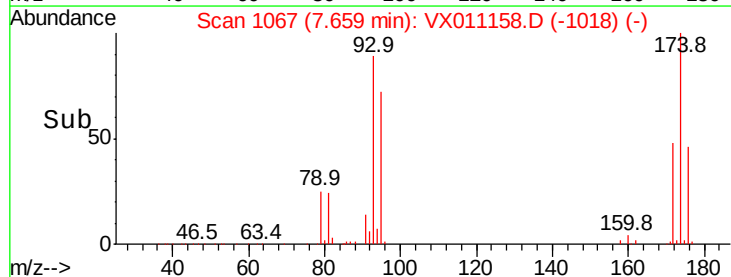
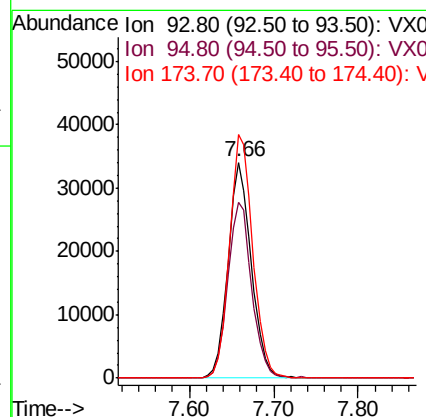
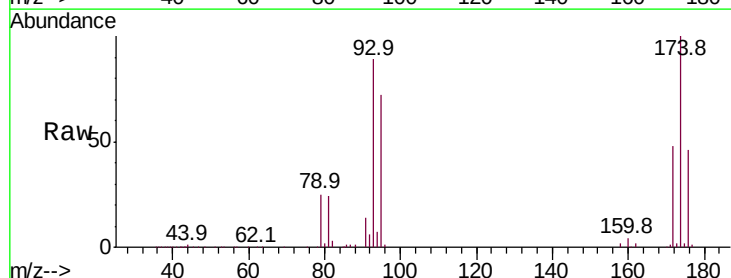
Tgt Ion: 93 Resp: 64422

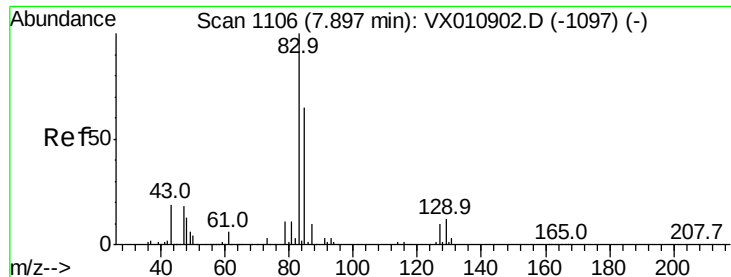
Ion Ratio Lower Upper

93 100

95 83.3 67.2 100.8

174 113.0 90.6 135.8





#47

Bromodichloromethane

Concen: 54.103 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX011158.D

Acq: 29 Jul 2019 20:06

Instrument :

MSVOA\_X

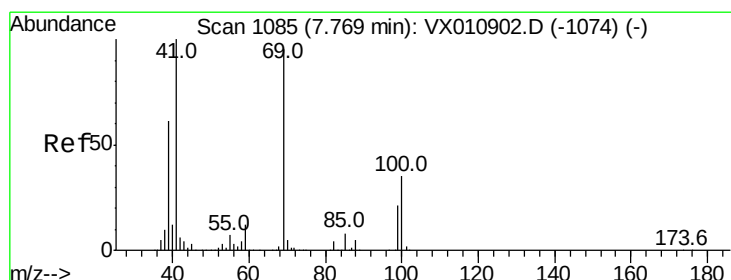
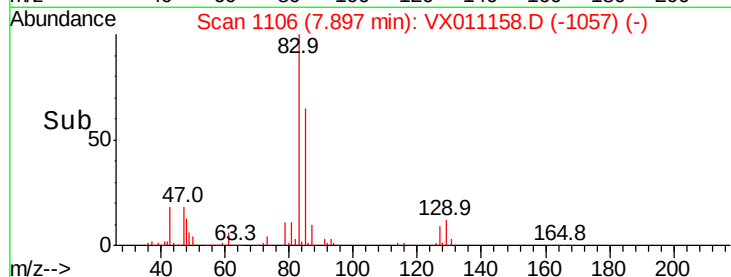
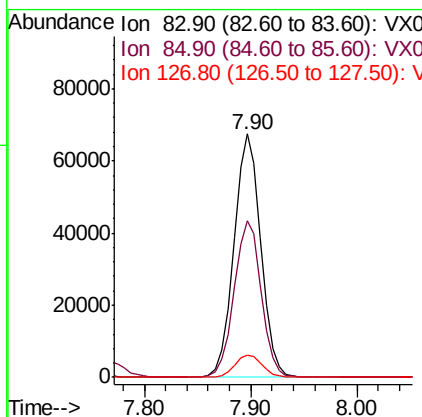
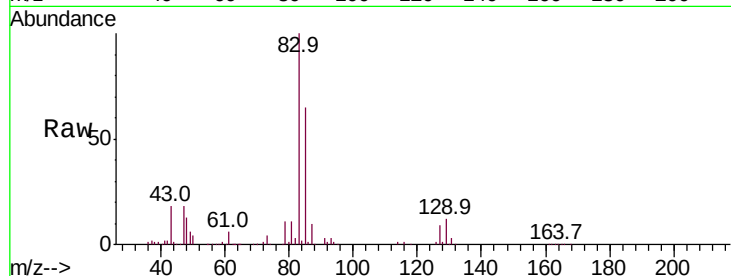
ClientSampleId :

Z3-0681MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 118913 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 64.5  | 52.5  | 78.7   |
| 127      | 9.2   | 7.8   | 11.8   |

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#48

Methyl methacrylate

Concen: 52.464 ug/l

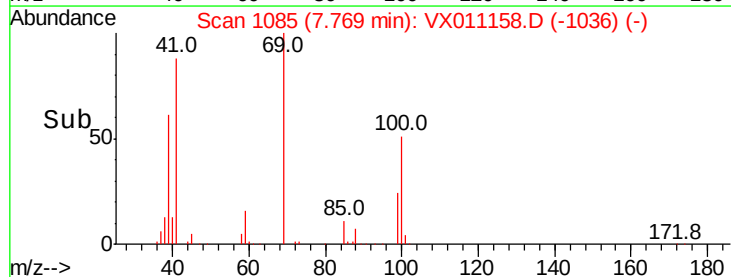
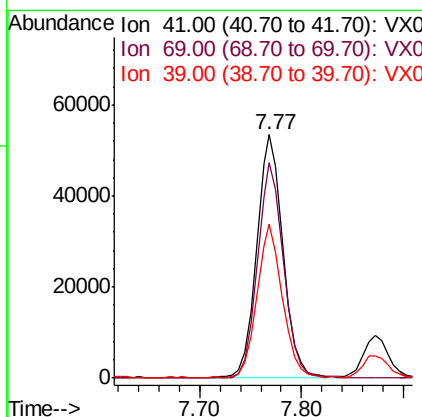
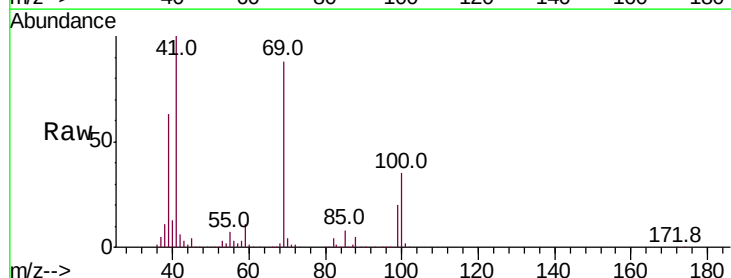
RT: 7.77 min Scan# 1085

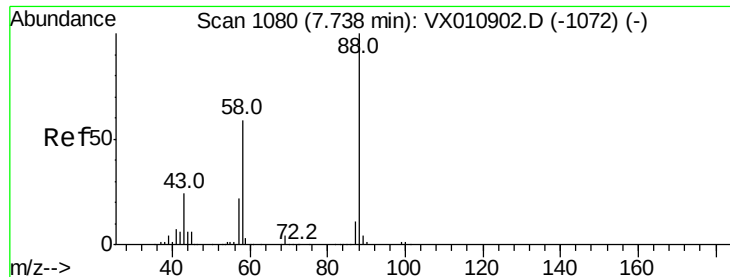
Delta R.T. 0.00 min

Lab File: VX011158.D

Acq: 29 Jul 2019 20:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 95372 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 88.6  | 74.4  | 111.6 |
| 39       | 60.6  | 48.9  | 73.3  |





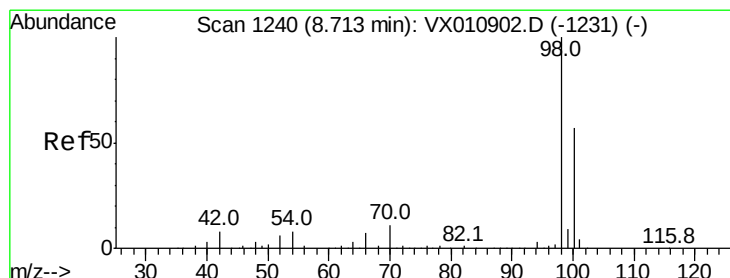
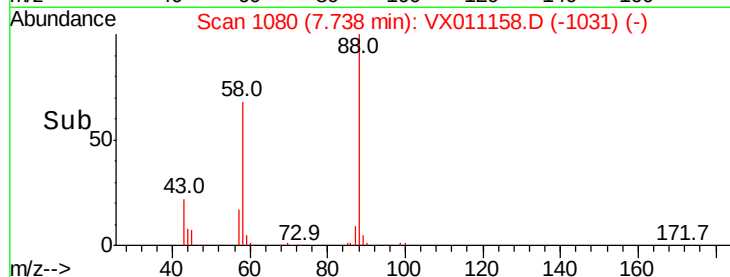
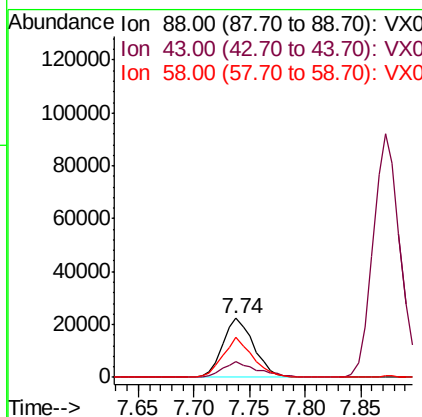
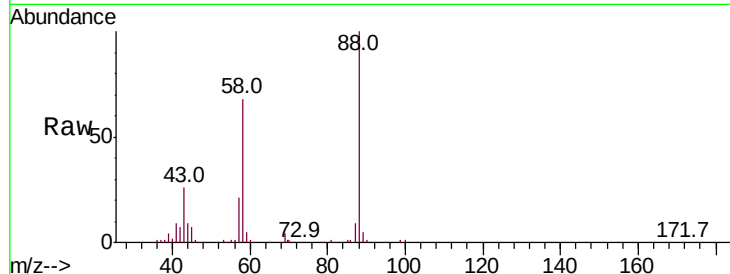
#49  
1,4-Dioxane  
Concen: 851.274 ug/l  
RT: 7.74 min Scan# 1080  
Delta R.T. 0.00 min  
Lab File: VX011158.D  
Acq: 29 Jul 2019 20:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
Z3-0681MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 29.9  | 22.9  | 34.3  |
| 58      | 64.8  | 49.8  | 74.8  |

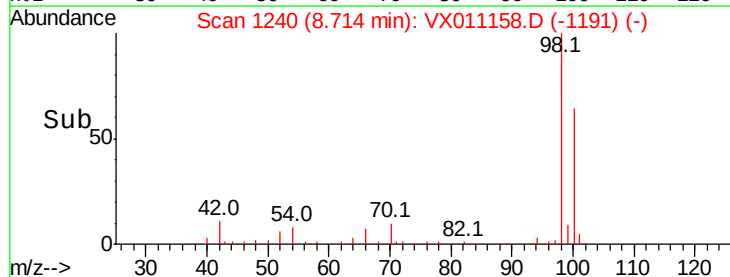
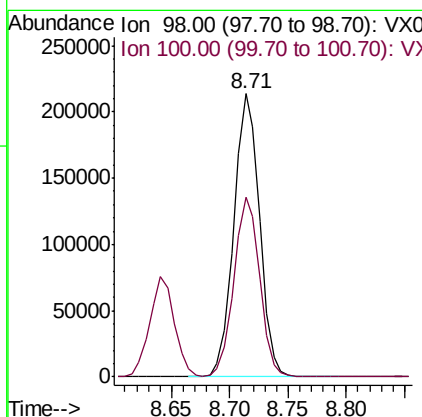
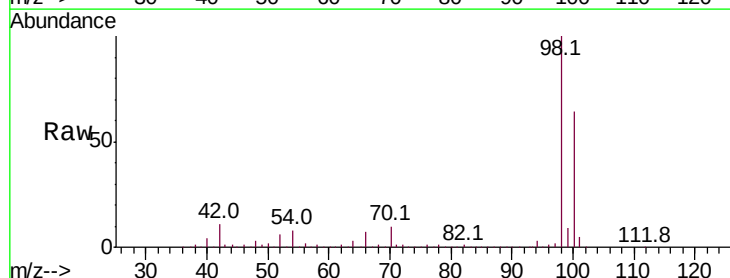
Manual Integrations  
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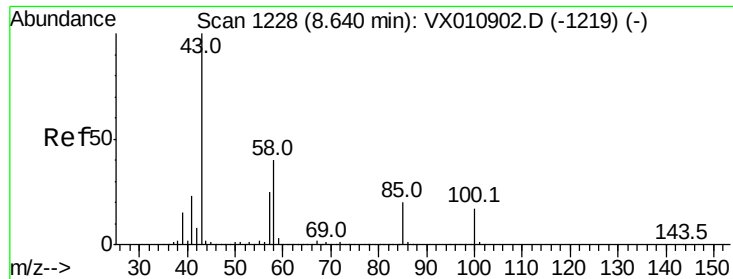
MMDadoda  
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#50  
Toluene-d8  
Concen: 51.076 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. 0.00 min  
Lab File: VX011158.D  
Acq: 29 Jul 2019 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 63.8  | 50.6  | 75.8  |





#51

4-Methyl-2-Pentanone

Concen: 270.897 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX011158.D

Acq: 29 Jul 2019 20:06

Instrument :

MSVOA\_X

ClientSampled :

Z3-0681MSD

Tot Ion: 43 Resp: 655293

Ion Ratio Lower Upper

43 100

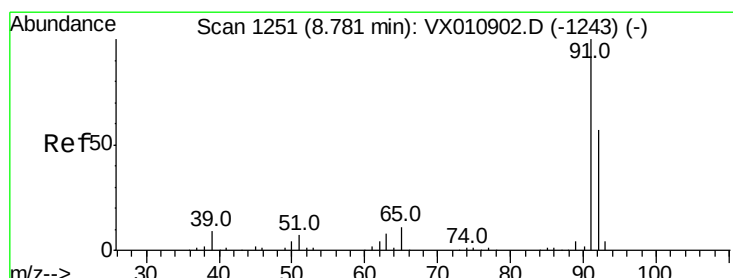
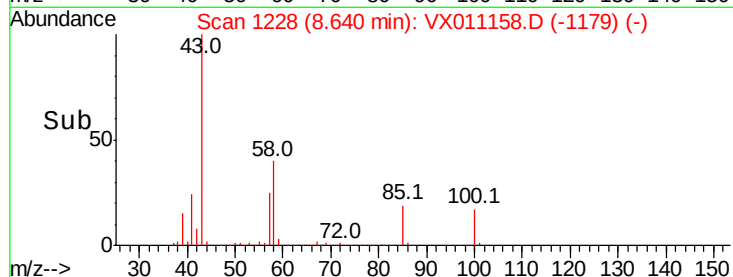
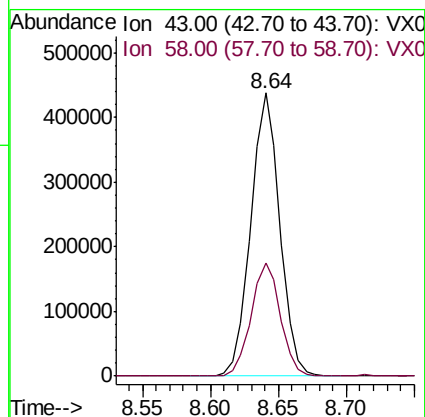
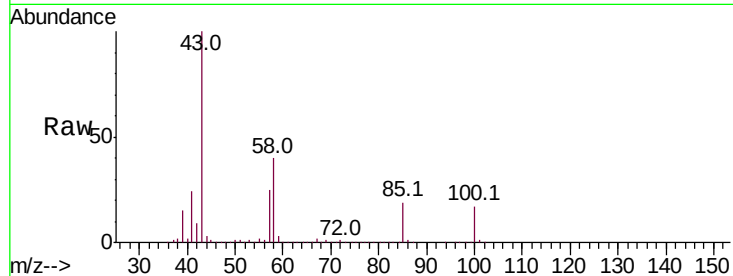
58 40.3 32.2 48.4

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#52

Toluene

Concen: 49.857 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011158.D

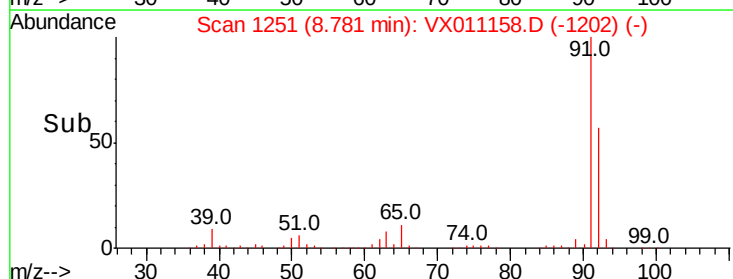
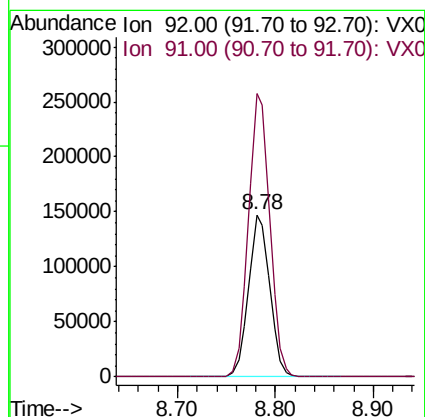
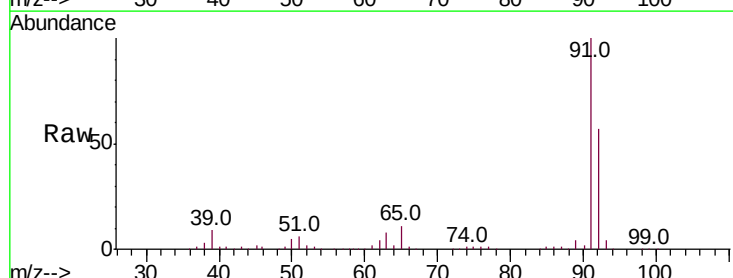
Acq: 29 Jul 2019 20:06

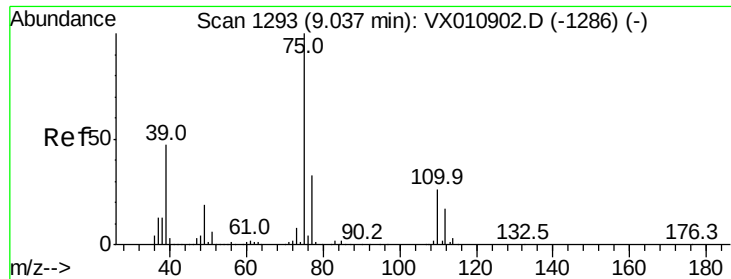
Tgt Ion: 92 Resp: 222356

Ion Ratio Lower Upper

92 100

91 176.2 139.4 209.0





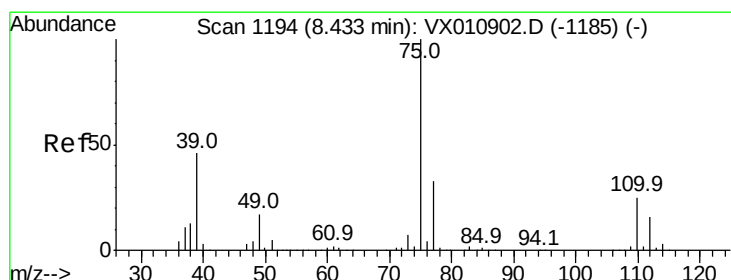
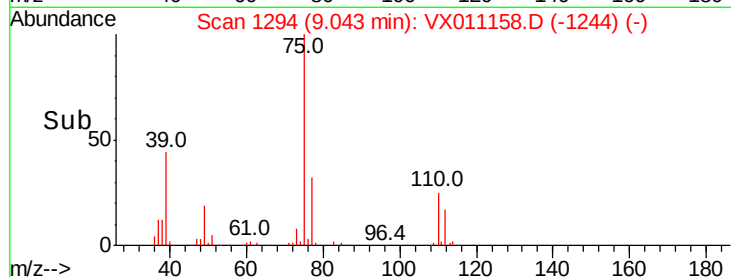
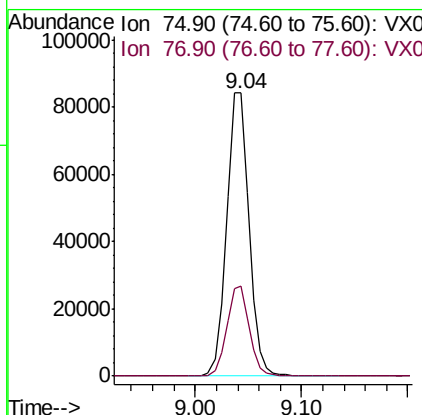
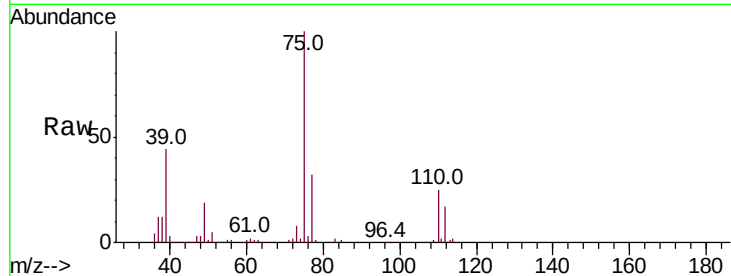
#53  
t-1,3-Dichloropropene  
Concen: 52.550 ug/l  
RT: 9.04 min Scan# 1294  
Delta R.T. 0.01 min  
Lab File: VX011158.D  
Acq: 29 Jul 2019 20:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
Z3-0681MSD

Tot Ion: 75 Resp: 124192  
Ion Ratio Lower Upper  
75 100  
77 31.8 26.2 39.2

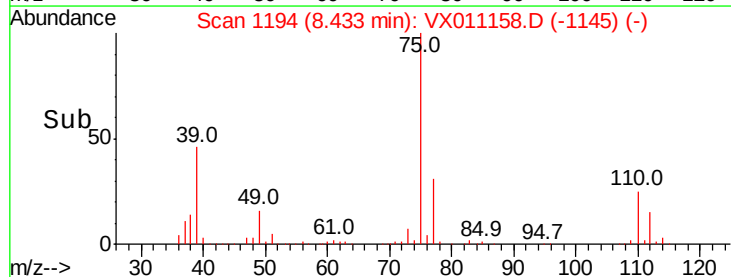
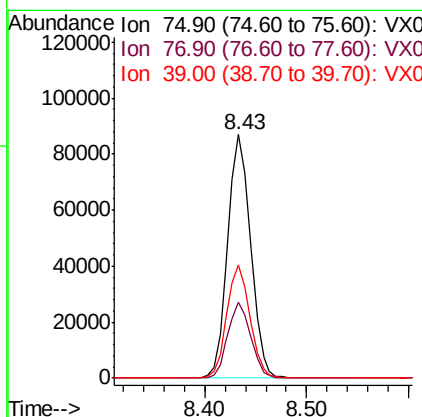
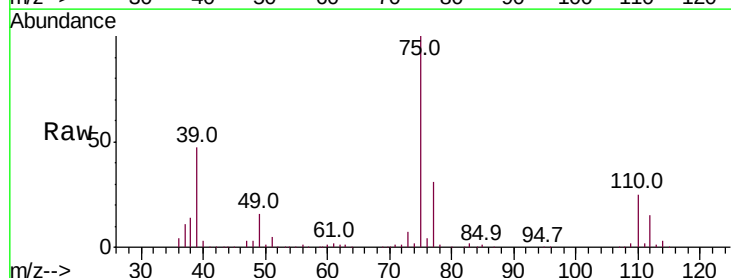
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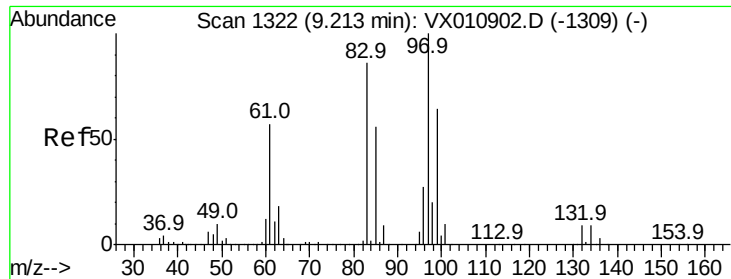


#54  
cis-1,3-Dichloropropene  
Concen: 51.521 ug/l  
RT: 8.43 min Scan# 1194  
Delta R.T. 0.00 min  
Lab File: VX011158.D  
Acq: 29 Jul 2019 20:06

Tgt Ion: 75 Resp: 135485  
Ion Ratio Lower Upper  
75 100  
77 31.1 26.1 39.1  
39 46.4 36.6 54.8







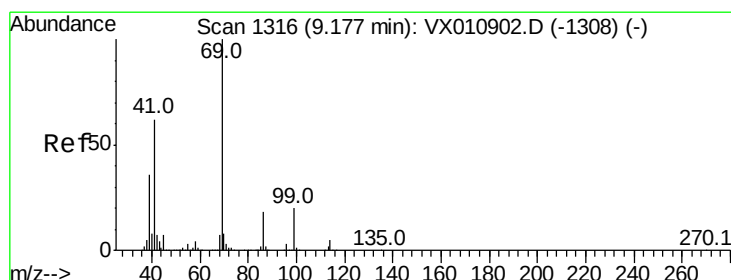
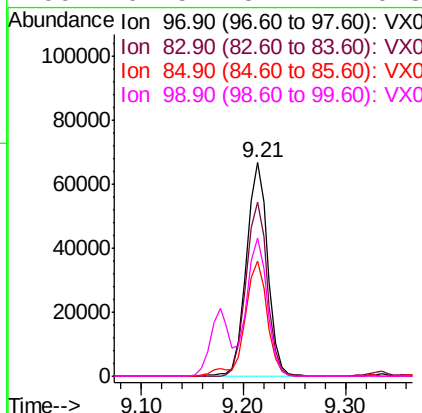
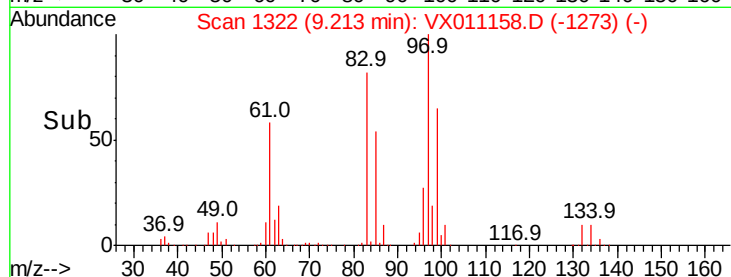
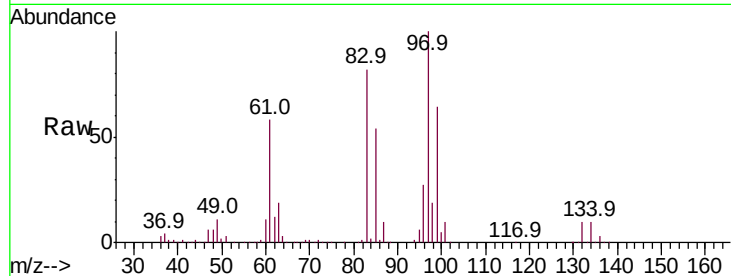
#55  
 1,1,2-Trichloroethane  
 Concen: 52.960 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. 0.00 min  
 Lab File: VX011158.D  
 Acq: 29 Jul 2019 20:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 Z3-0681MSD

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 97      | 100  |       | 97253 |       |       |
| 83      | 81.7 | 69.2  | 103.8 |       |       |
| 85      | 54.2 | 44.6  | 66.8  |       |       |
| 99      | 64.5 | 51.2  | 76.8  |       |       |

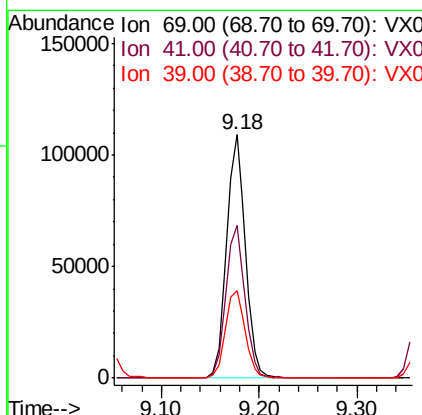
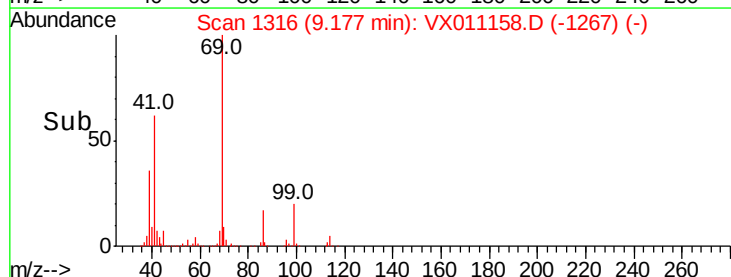
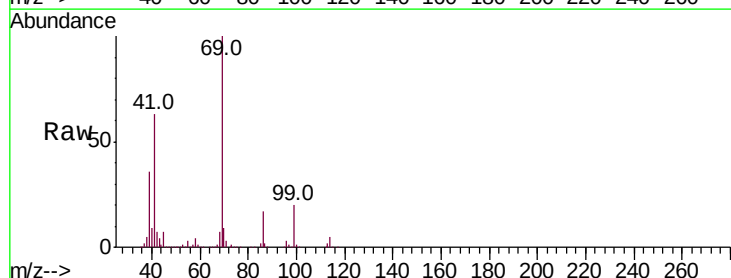
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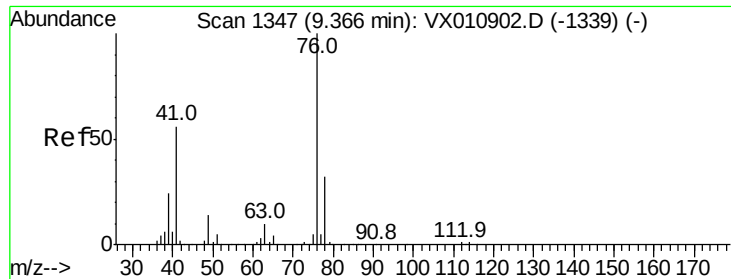
MMDadoda  
 7/30/2019 11:09:16 AM



#56  
 Ethyl methacrylate  
 Concen: 54.160 ug/l  
 RT: 9.18 min Scan# 1316  
 Delta R.T. 0.00 min  
 Lab File: VX011158.D  
 Acq: 29 Jul 2019 20:06

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 69      | 100  |       | 145481 |       |       |
| 41      | 63.1 | 49.7  | 74.5   |       |       |
| 39      | 37.2 | 29.6  | 44.4   |       |       |





#57

1,3-Dichloropropane

Concen: 51.829 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX011158.D

Acq: 29 Jul 2019 20:06

Instrument :

MSVOA\_X

ClientSampleId :

Z3-0681MSD

Tot Ion: 76 Resp: 150984

Ion Ratio Lower Upper

76 100

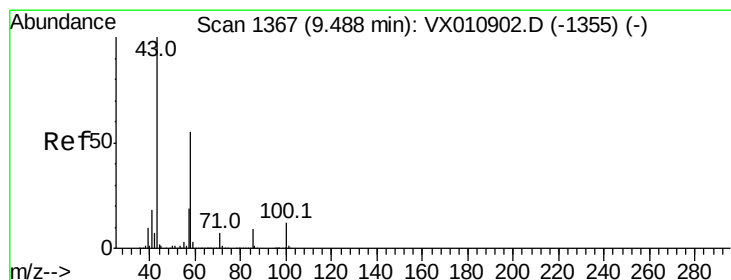
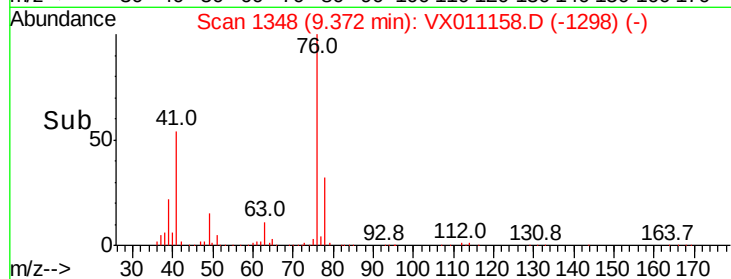
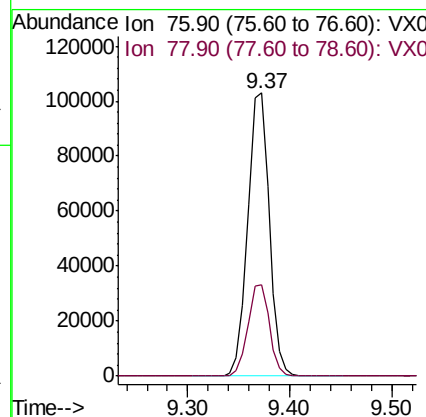
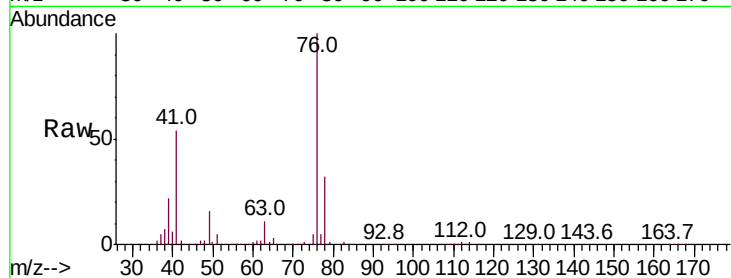
78 32.4 25.6 38.4

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#59

2-Hexanone

Concen: 273.560 ug/l

RT: 9.49 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VX011158.D

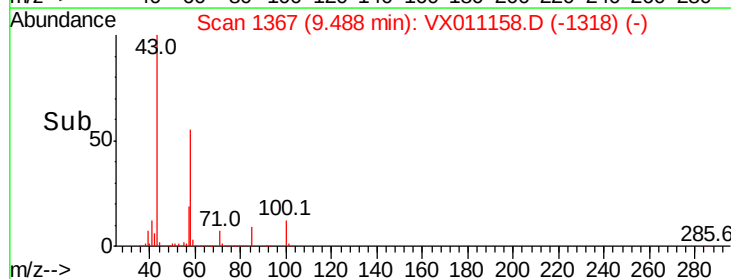
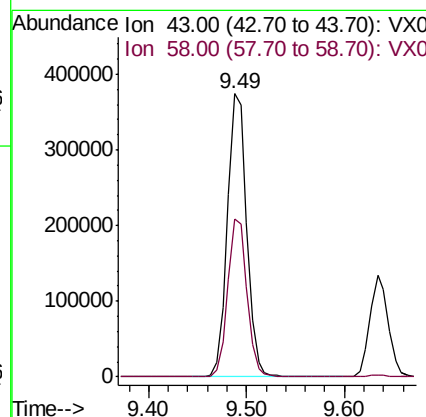
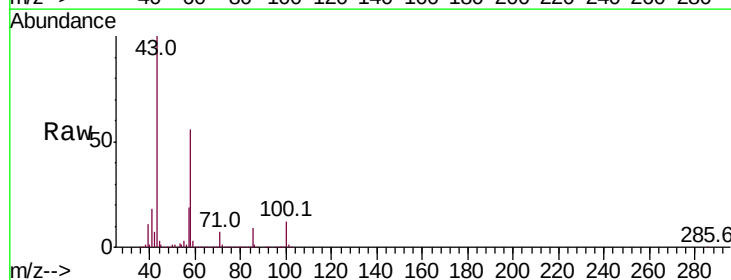
Acq: 29 Jul 2019 20:06

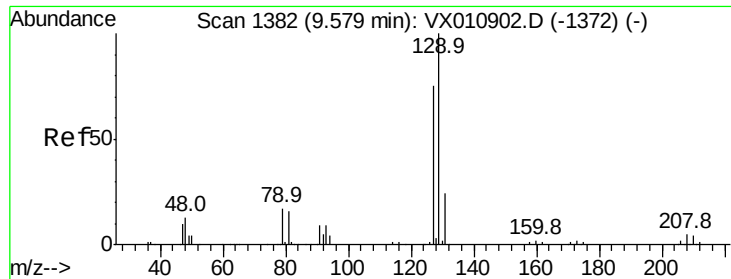
Tgt Ion: 43 Resp: 513253

Ion Ratio Lower Upper

43 100

58 55.5 28.0 83.9





#60

Dibromochloromethane

Concen: 49.398 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX011158.D

Acq: 29 Jul 2019 20:06

Instrument :

MSVOA\_X

ClientSampleId :

Z3-0681MSD

Tot Ion:129 Resp: 104331

Ion Ratio Lower Upper

129 100

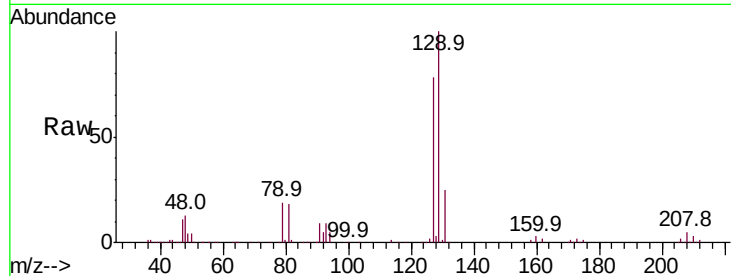
127 77.5 38.6 115.8

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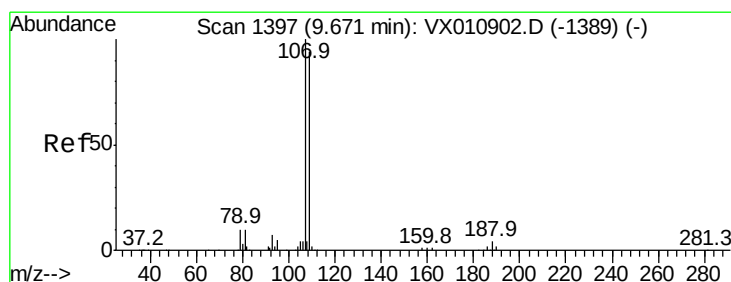
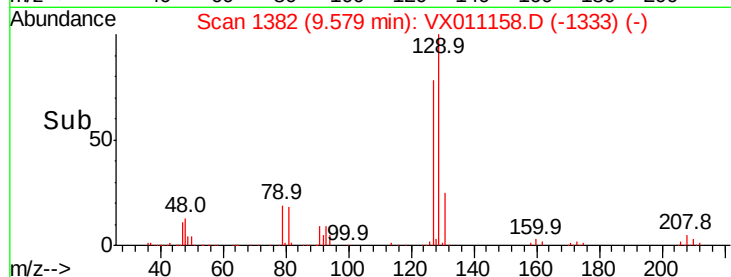
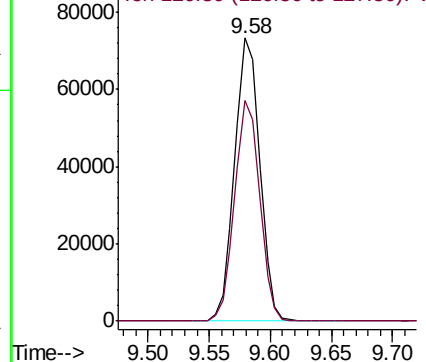
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 53.512 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011158.D

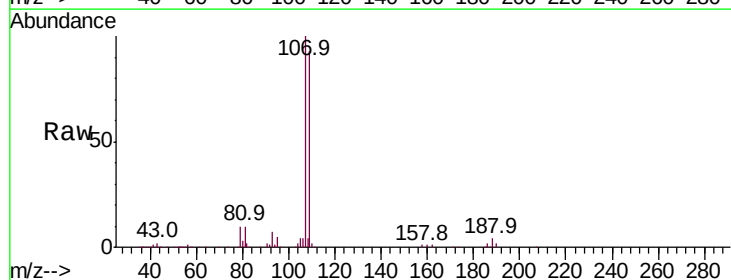
Acq: 29 Jul 2019 20:06

Tgt Ion:107 Resp: 104286

Ion Ratio Lower Upper

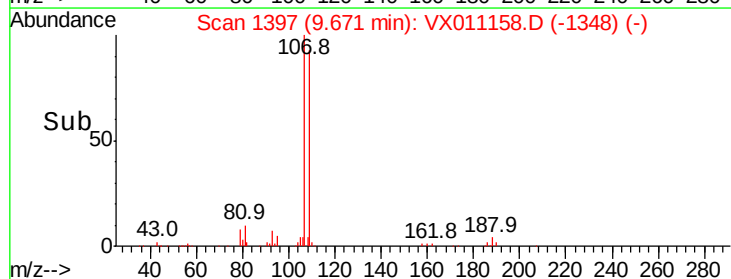
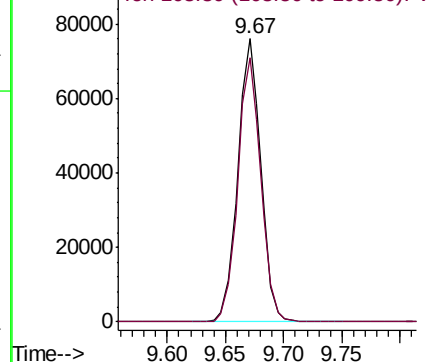
107 100

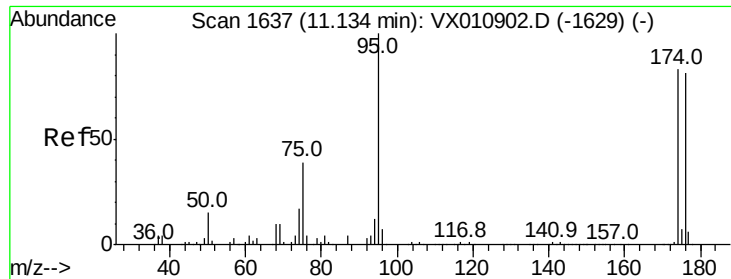
109 94.0 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 53.446 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011158.D

Acq: 29 Jul 2019 20:06

Instrument :

MSVOA\_X

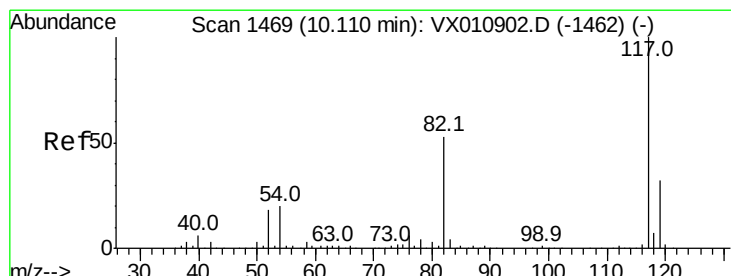
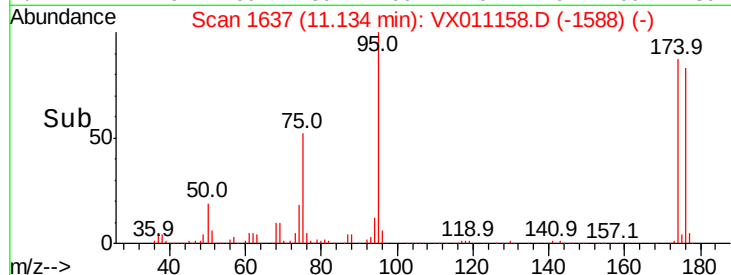
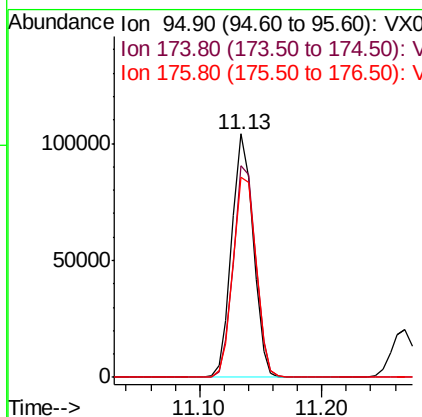
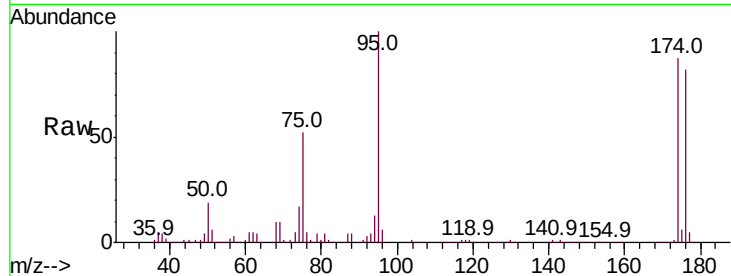
ClientSampleId :

Z3-0681MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 95    | Resp: | 126185 |
| Ion Ratio | Lower | Upper |        |
| 95        | 100   |       |        |
| 174       | 90.6  | 0.0   | 180.6  |
| 176       | 87.9  | 0.0   | 173.8  |

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

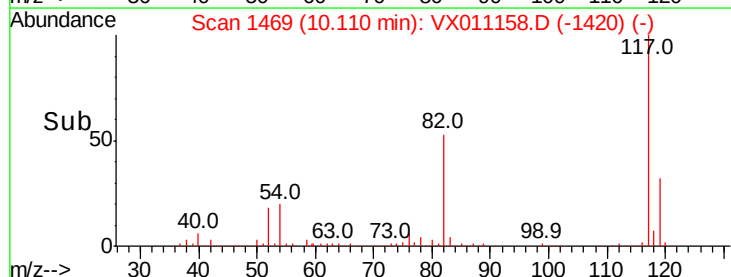
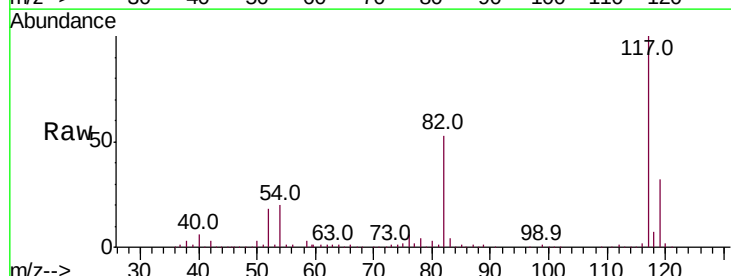
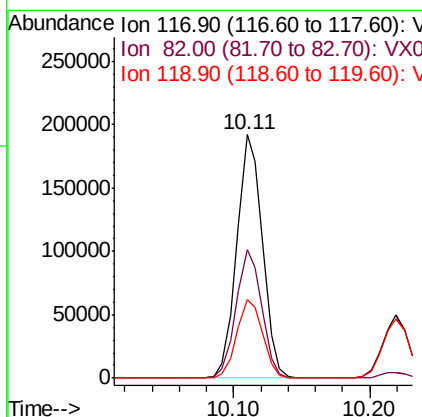
RT: 10.11 min Scan# 1469

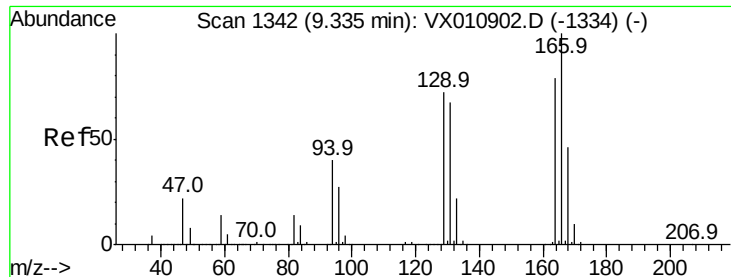
Delta R.T. 0.00 min

Lab File: VX011158.D

Acq: 29 Jul 2019 20:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 252251 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 82        | 52.7  | 42.6  | 63.8   |
| 119       | 32.1  | 25.9  | 38.9   |





#64

Tetrachloroethene

Concen: 43.604 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX011158.D

Acq: 29 Jul 2019 20:06

Instrument :

MSVOA\_X

ClientSampleId :

Z3-0681MSD

Tot Ion:164 Resp: 86529

Ion Ratio Lower Upper

164 100

166 127.6 100.8 151.2

129 91.2 72.6 109.0

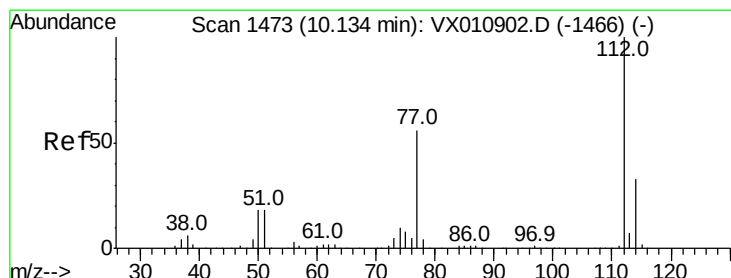
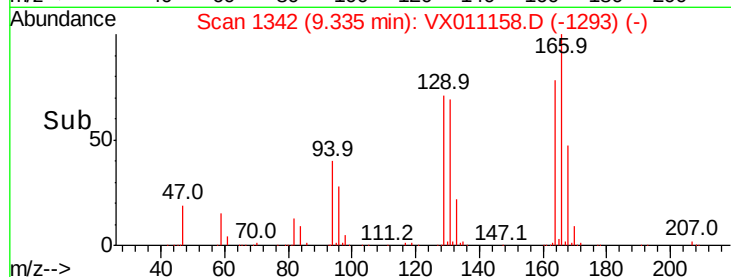
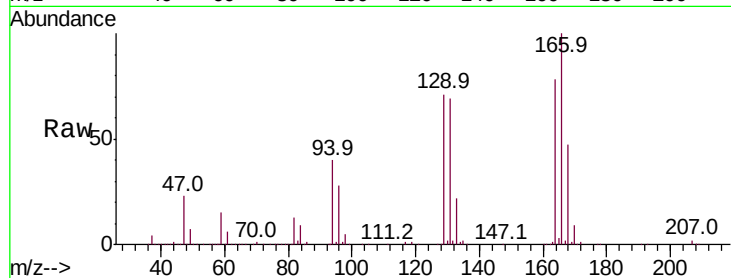
131 87.8 67.7 101.5

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#65

Chlorobenzene

Concen: 49.850 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX011158.D

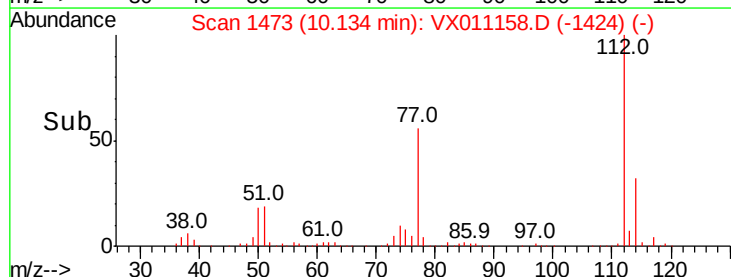
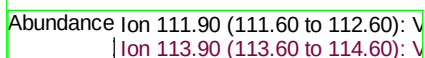
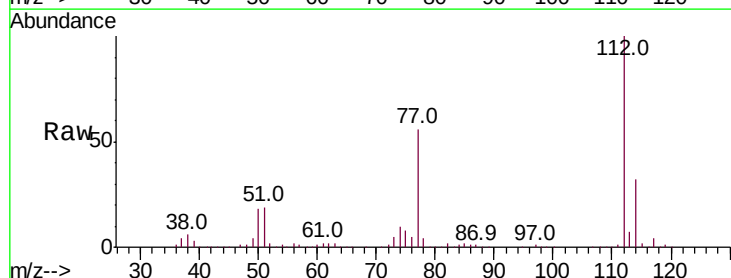
Acq: 29 Jul 2019 20:06

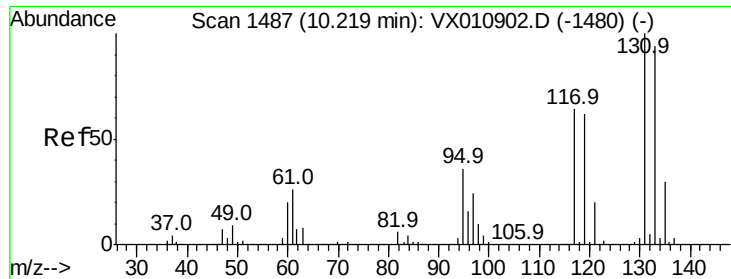
Tgt Ion:112 Resp: 258275

Ion Ratio Lower Upper

112 100

114 31.7 26.2 39.4





#66

1,1,1,2-Tetrachloroethane

Concen: 53.230 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX011158.D

Acq: 29 Jul 2019 20:06

Instrument :

MSVOA\_X

ClientSampleId :

Z3-0681MSD

Tot Ion:131 Resp: 96927

Ion Ratio Lower Upper

131 100

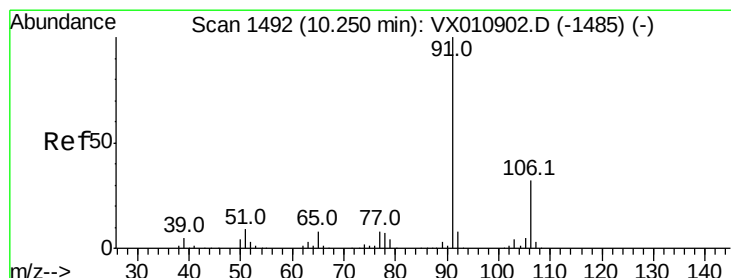
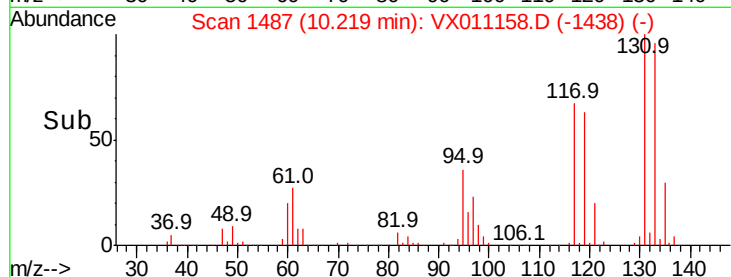
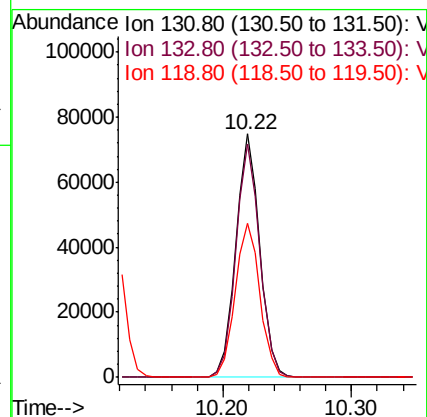
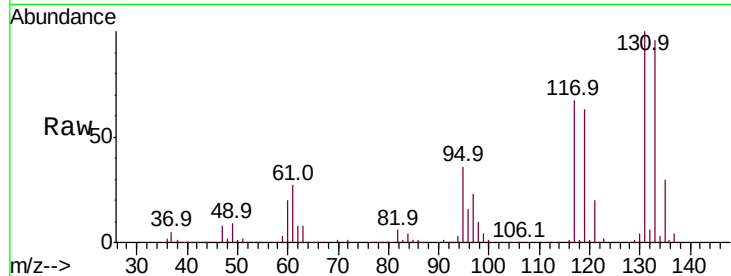
133 96.0 47.1 141.4

119 65.4 31.9 95.7

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#67

Ethyl Benzene

Concen: 50.404 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011158.D

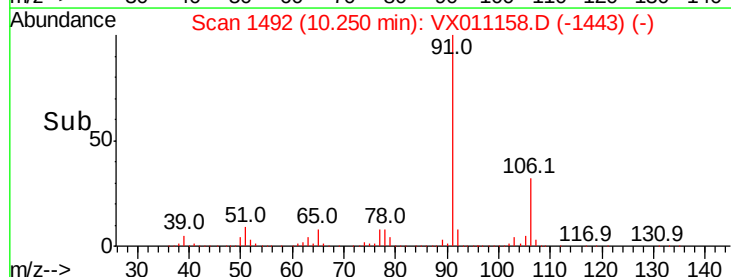
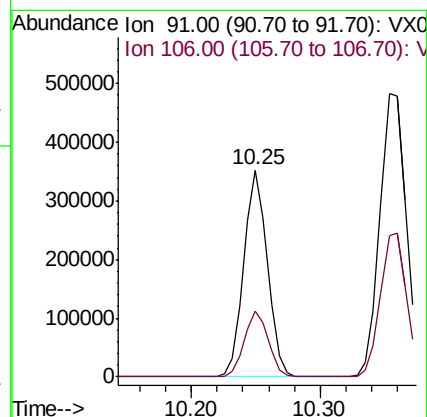
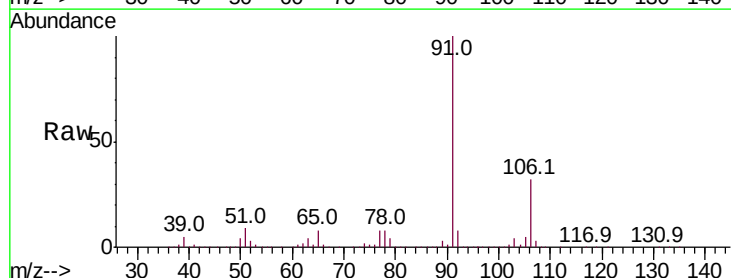
Acq: 29 Jul 2019 20:06

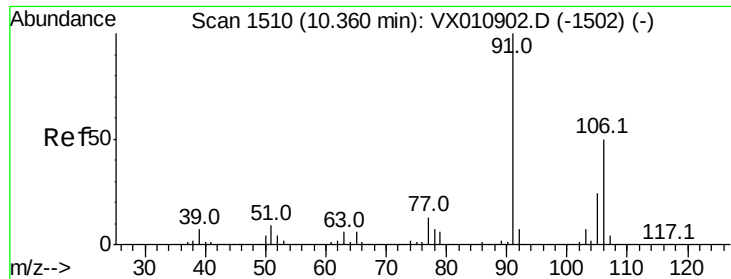
Tgt Ion: 91 Resp: 444498

Ion Ratio Lower Upper

91 100

106 31.9 25.4 38.2





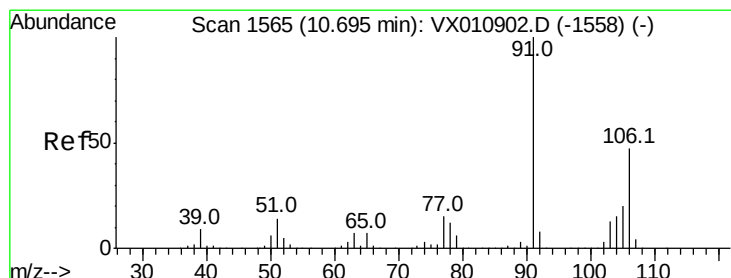
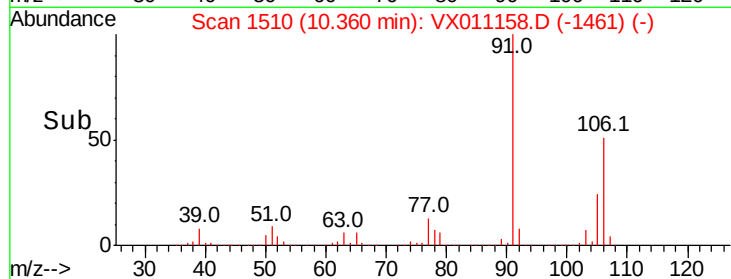
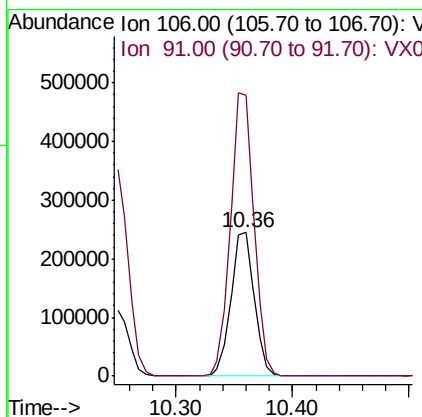
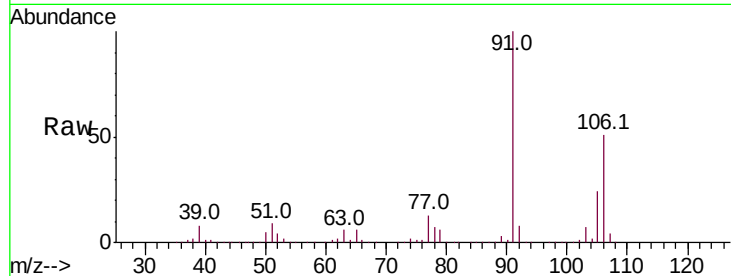
#68  
m/p-Xylenes  
Concen: 101.090 ug/l  
RT: 10.36 min Scan# 1510  
Delta R.T. 0.00 min  
Lab File: VX011158.D  
Acq: 29 Jul 2019 20:06

Instrument :  
MSVOA\_X  
ClientSampled :  
Z3-0681MSD

Tot Ion:106 Resp: 341965  
Ion Ratio Lower Upper  
106 100  
91 199.1 160.1 240.1

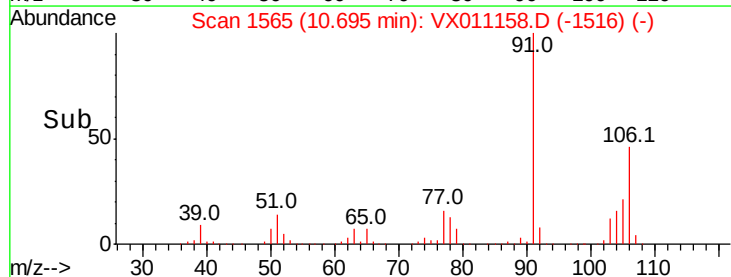
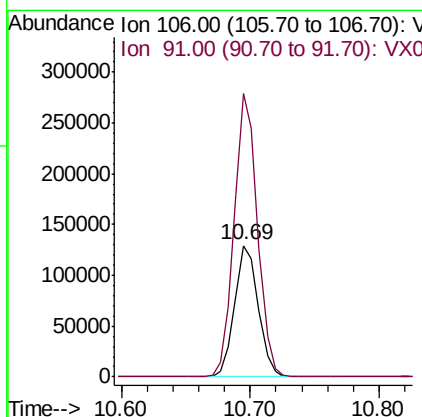
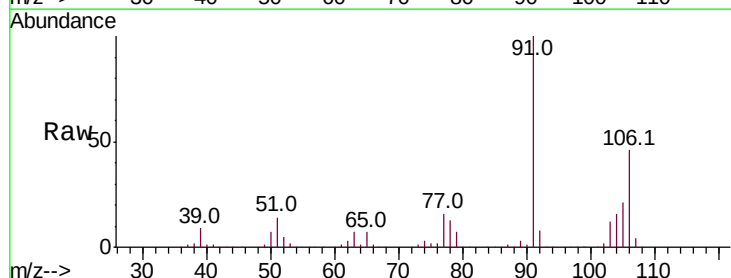
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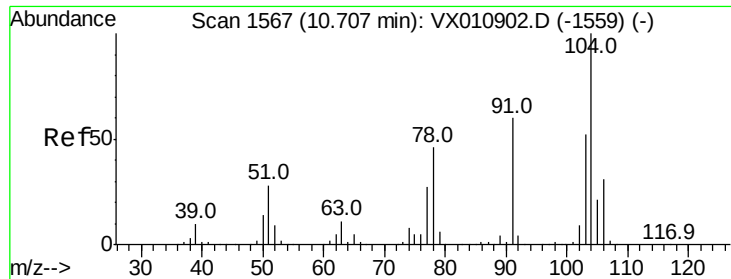
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#69  
o-Xylene  
Concen: 50.208 ug/l  
RT: 10.69 min Scan# 1565  
Delta R.T. 0.00 min  
Lab File: VX011158.D  
Acq: 29 Jul 2019 20:06

Tgt Ion:106 Resp: 165758  
Ion Ratio Lower Upper  
106 100  
91 212.9 105.1 315.3





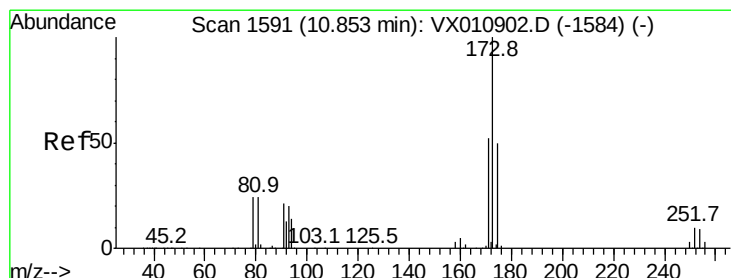
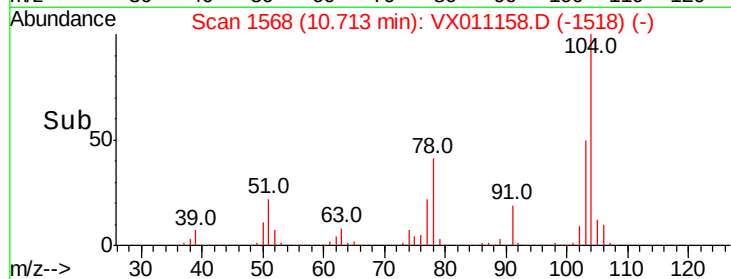
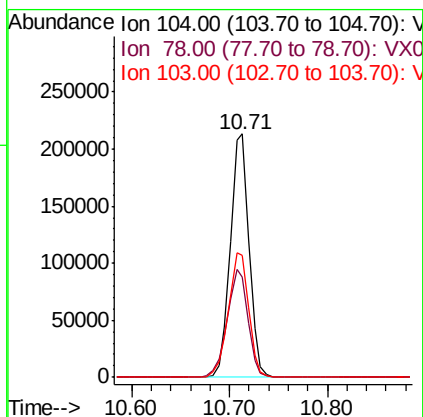
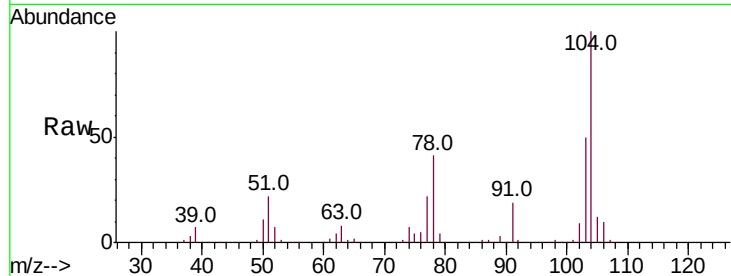
#70  
Stvrene  
Concen: 51.530 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. 0.01 min  
Lab File: VX011158.D  
Acq: 29 Jul 2019 20:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
Z3-0681MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 48.9  | 38.8  | 58.2  |
| 103     | 55.6  | 44.2  | 66.4  |

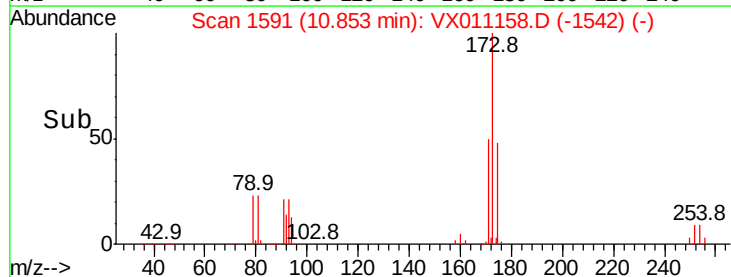
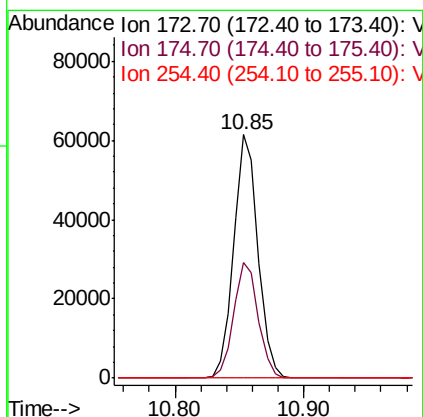
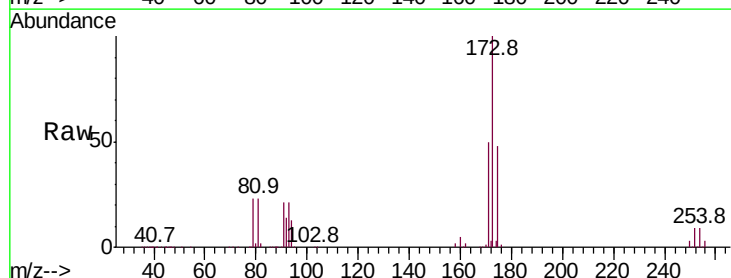
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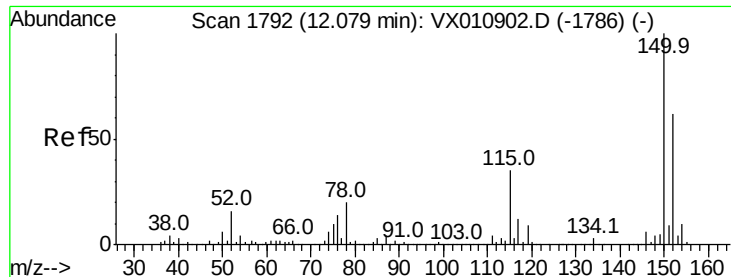


#71  
Bromoform  
Concen: 48.765 ug/l  
RT: 10.85 min Scan# 1591  
Delta R.T. 0.00 min  
Lab File: VX011158.D  
Acq: 29 Jul 2019 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 48.2  | 24.6  | 73.6  |
| 254     | 0.1   | 0.1   | 0.1#  |







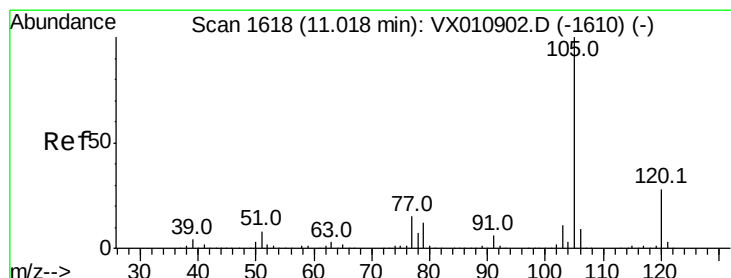
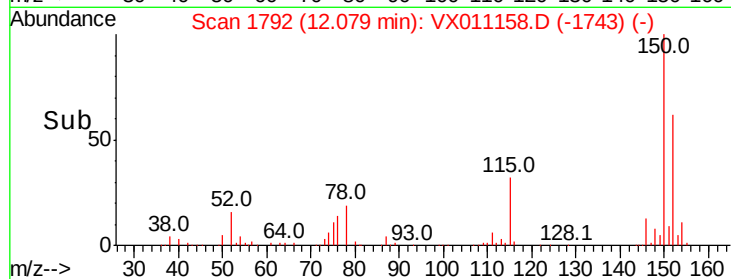
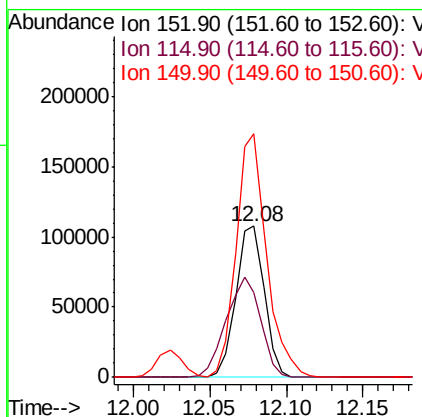
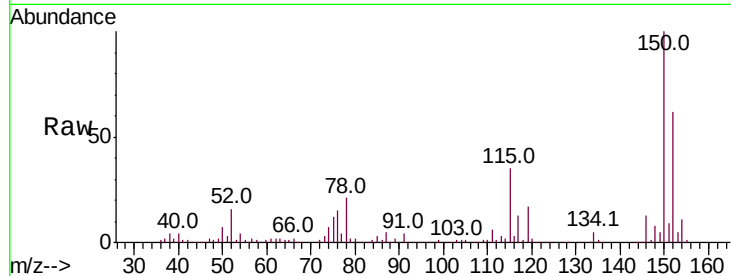
#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.08 min Scan# 1792  
 Delta R.T. 0.00 min  
 Lab File: VX011158.D  
 Acq: 29 Jul 2019 20:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 Z3-0681MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 80.5  | 39.7  | 119.1 |
| 150     | 172.8 | 0.0   | 345.6 |

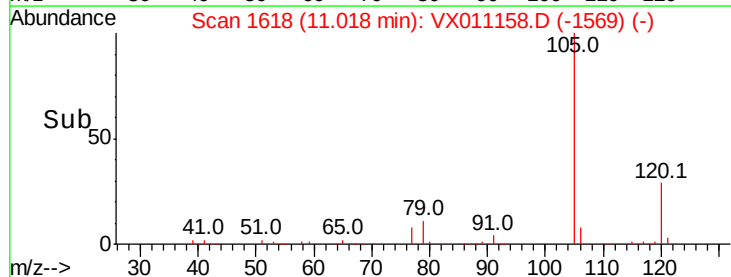
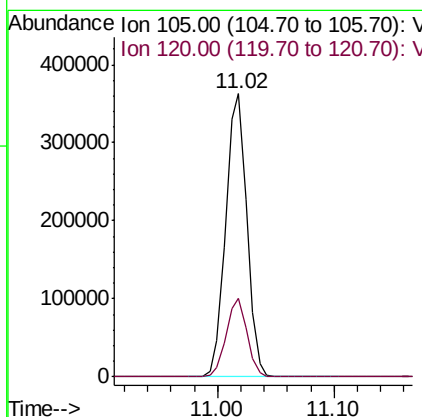
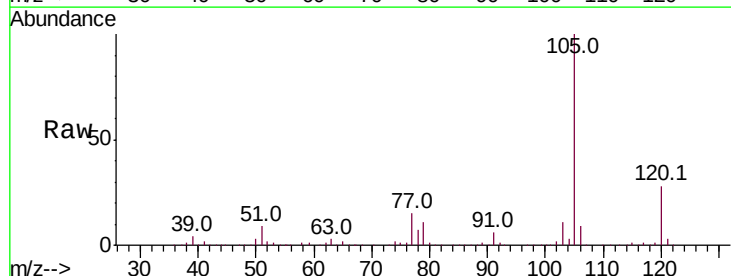
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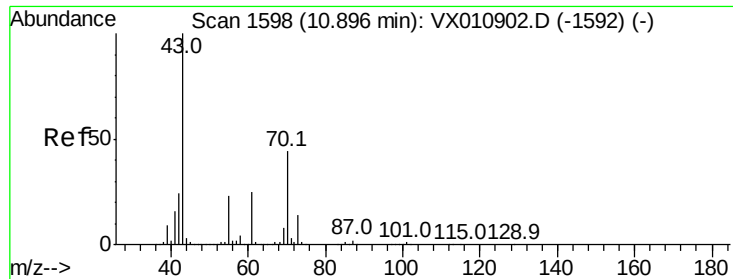
MMDadoda  
 7/30/2019 11:09:16 AM



#73  
 Isopropylbenzene  
 Concen: 48.927 ug/l  
 RT: 11.02 min Scan# 1618  
 Delta R.T. 0.00 min  
 Lab File: VX011158.D  
 Acq: 29 Jul 2019 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 27.0  | 13.7  | 41.1  |





#74

N-amvl acetate

Concen: 48.830 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011158.D

Acq: 29 Jul 2019 20:06

Instrument :

MSVOA\_X

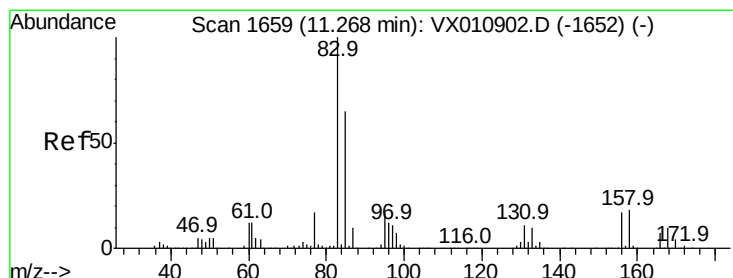
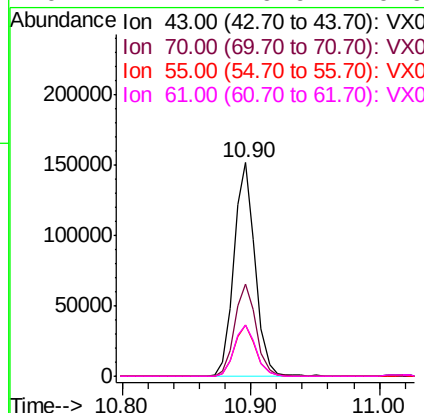
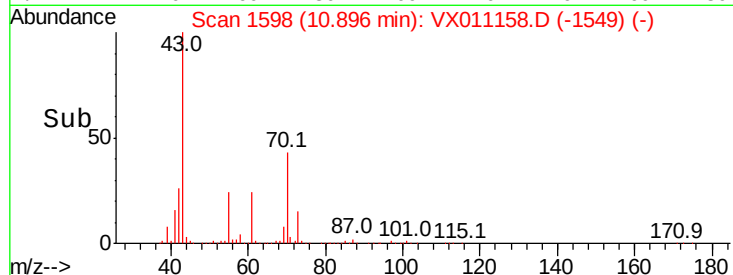
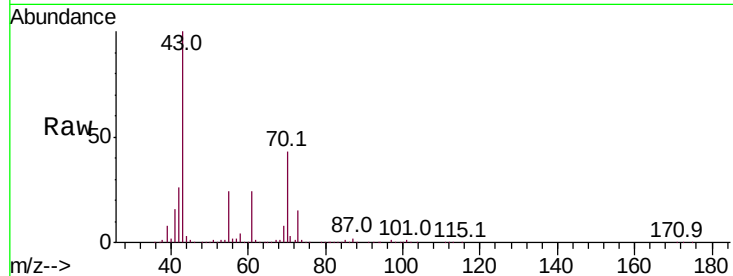
ClientSampleId :

Z3-0681MSD

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 43      | 100  |       | 174081 |       |       |
| 70      | 43.7 | 34.7  | 52.1   |       |       |
| 55      | 24.1 | 19.1  | 28.7   |       |       |
| 61      | 24.7 | 19.9  | 29.9   |       |       |

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#75

1,1,2,2-Tetrachloroethane

Concen: 51.896 ug/l

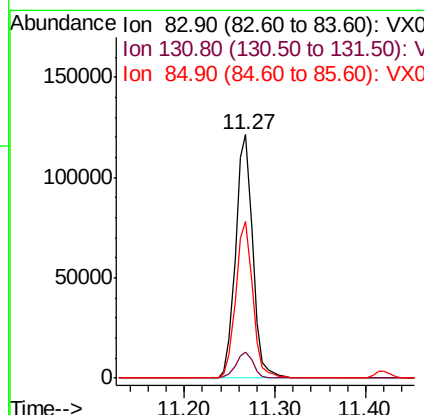
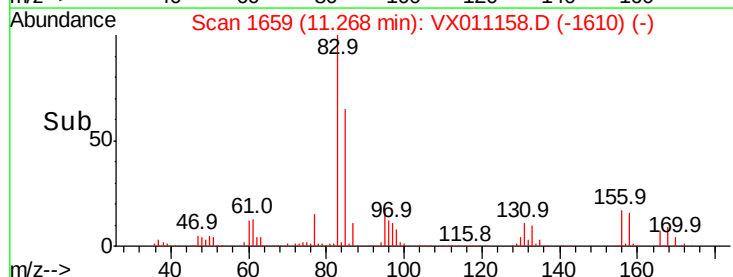
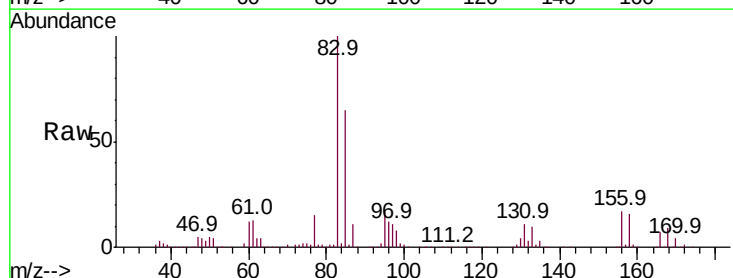
RT: 11.27 min Scan# 1659

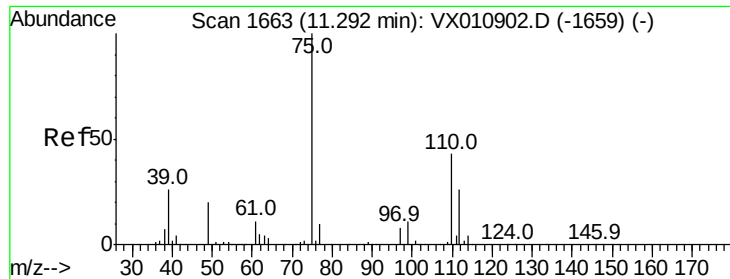
Delta R.T. 0.00 min

Lab File: VX011158.D

Acq: 29 Jul 2019 20:06

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 83      | 100  |       | 158459 |       |       |
| 131     | 10.8 | 5.5   | 16.4   |       |       |
| 85      | 64.2 | 32.3  | 96.9   |       |       |





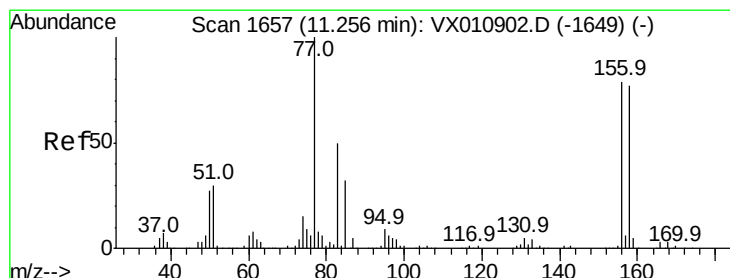
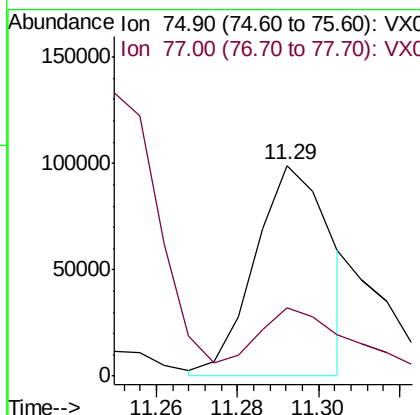
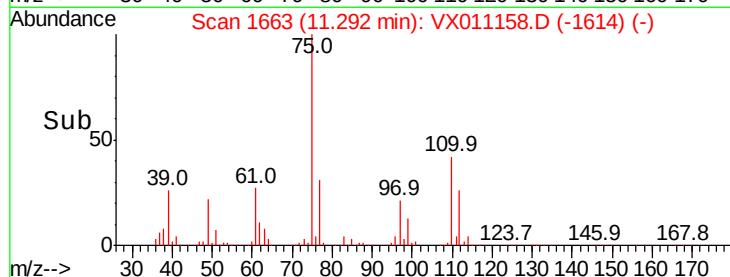
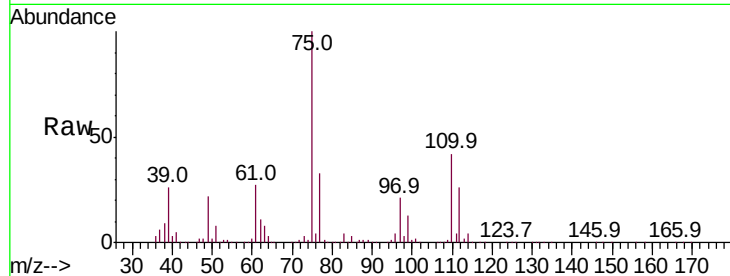
#76  
1,2,3-Trichloropropane  
Concen: 51.272 ug/l m  
RT: 11.29 min Scan# 1663  
Delta R.T. 0.00 min  
Lab File: VX011158.D  
Acq: 29 Jul 2019 20:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
Z3-0681MSD

Tot Ion: 75 Resp: 127758  
Ion Ratio Lower Upper  
75 100  
77 41.6 21.3 64.0

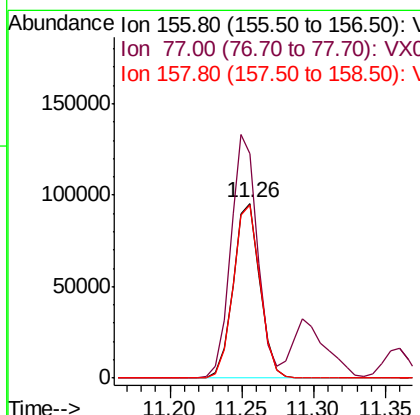
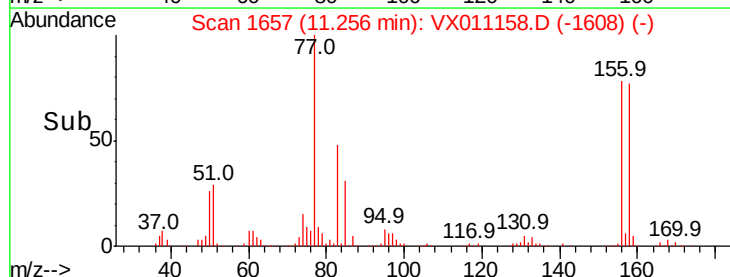
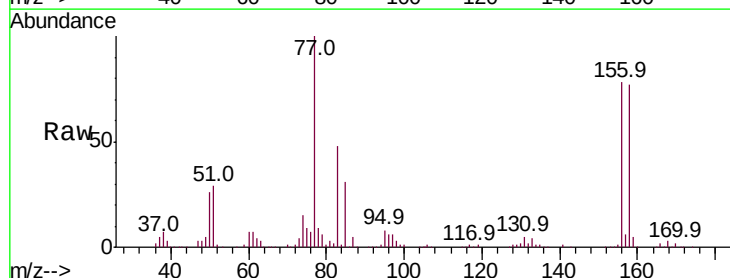
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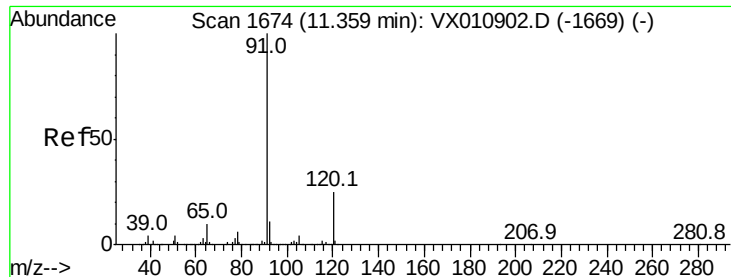
MMDadoda  
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#77  
Bromobenzene  
Concen: 48.048 ug/l  
RT: 11.26 min Scan# 1657  
Delta R.T. 0.00 min  
Lab File: VX011158.D  
Acq: 29 Jul 2019 20:06

Tgt Ion: 156 Resp: 123658  
Ion Ratio Lower Upper  
156 100  
77 139.8 68.7 206.1  
158 99.9 47.9 143.7





#78

n-propylbenzene

Concen: 49.677 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011158.D

Acq: 29 Jul 2019 20:06

Instrument :

MSVOA\_X

ClientSampleId :

Z3-0681MSD

Tot Ion: 91 Resp: 512126

Ion Ratio Lower Upper

91 100

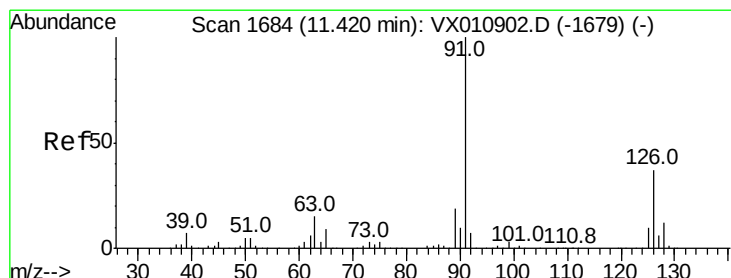
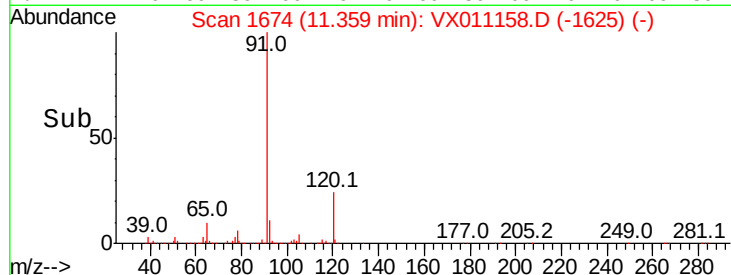
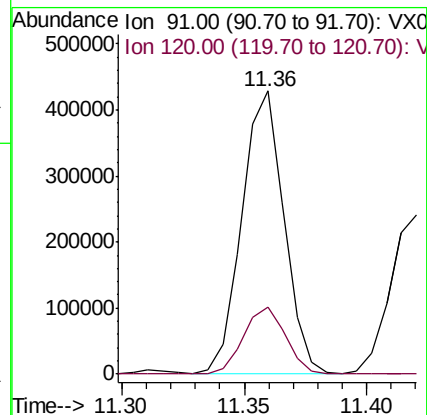
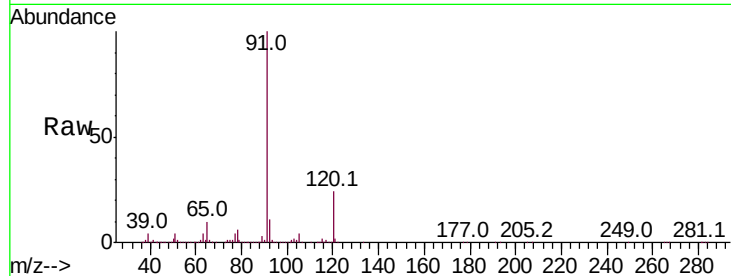
120 24.0 12.3 36.8

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#79

2-Chlorotoluene

Concen: 48.878 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011158.D

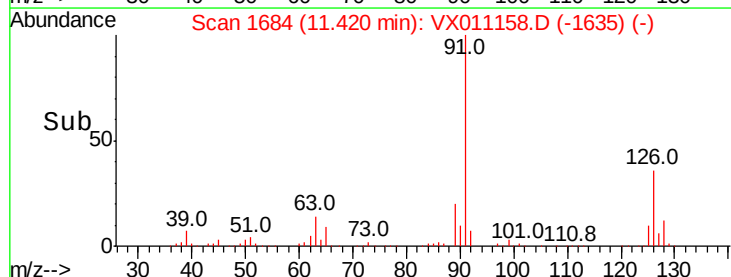
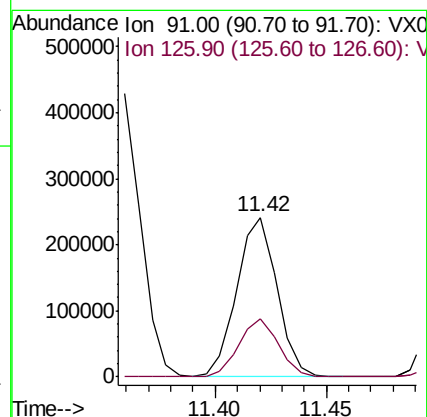
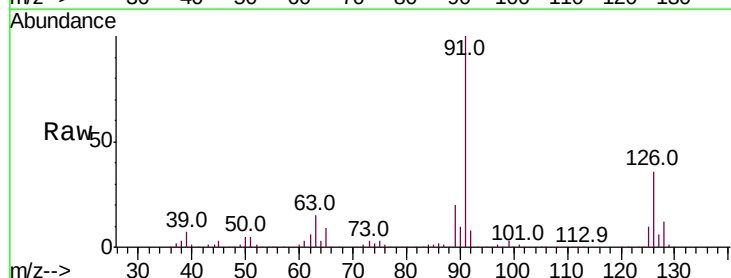
Acq: 29 Jul 2019 20:06

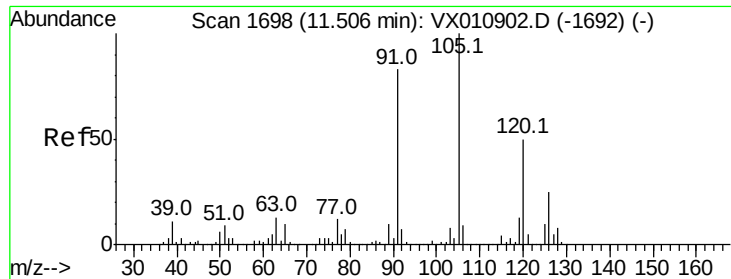
Tgt Ion: 91 Resp: 302701

Ion Ratio Lower Upper

91 100

126 36.2 18.0 54.0





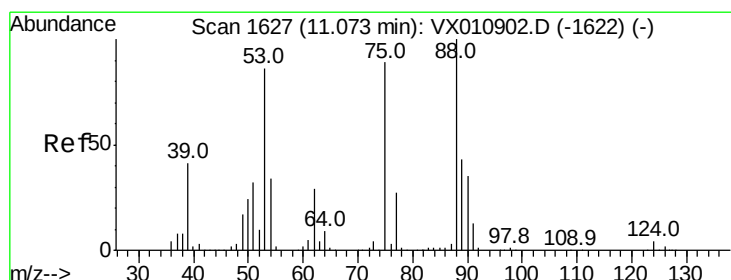
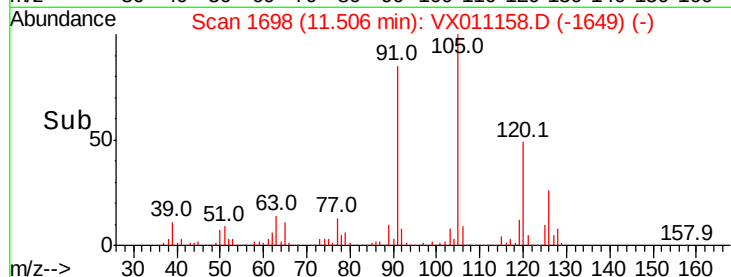
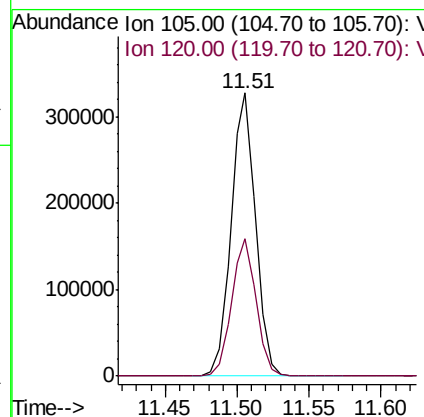
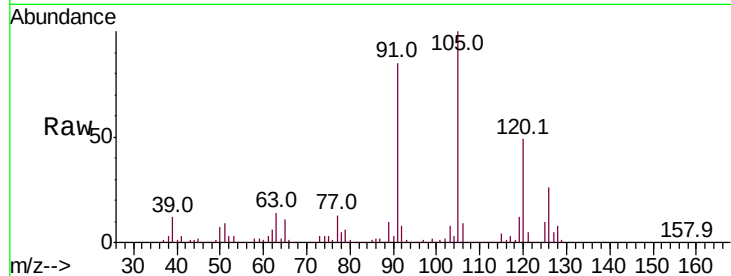
#80  
 1,3,5-Trimethylbenzene  
 Concen: 50.109 ug/l  
 RT: 11.51 min Scan# 1698  
 Delta R.T. 0.00 min  
 Lab File: VX011158.D  
 Acq: 29 Jul 2019 20:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 Z3-0681MSD

Tot Ion:105 Resp: 390665  
 Ion Ratio Lower Upper  
 105 100  
 120 48.6 24.6 73.8

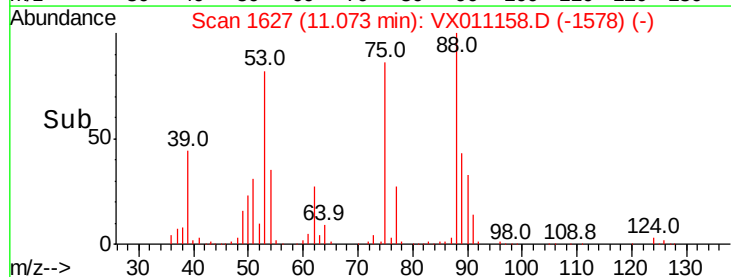
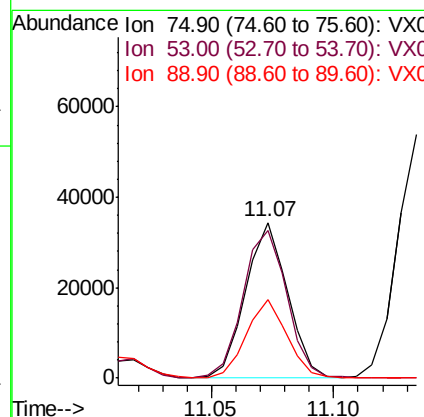
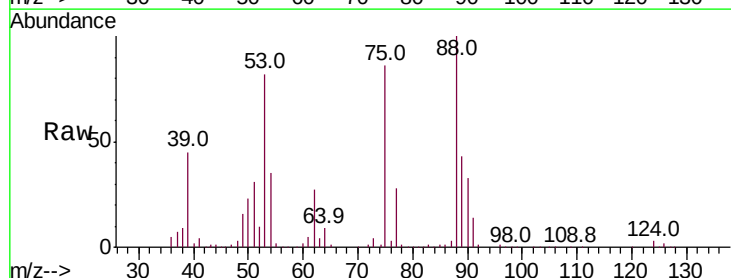
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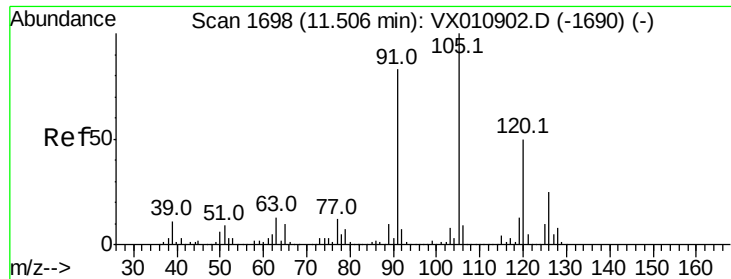
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#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 42.122 ug/l  
 RT: 11.07 min Scan# 1627  
 Delta R.T. 0.00 min  
 Lab File: VX011158.D  
 Acq: 29 Jul 2019 20:06

Tgt Ion: 75 Resp: 40758  
 Ion Ratio Lower Upper  
 75 100  
 53 100.1 76.7 115.1  
 89 49.2 38.5 57.7





#82

4-Chlorotoluene

Concen: 49.173 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011158.D

Acq: 29 Jul 2019 20:06

Instrument :

MSVOA\_X

ClientSampleId :

Z3-0681MSD

Tot Ion: 91 Resp: 354438

Ion Ratio Lower Upper

91 100

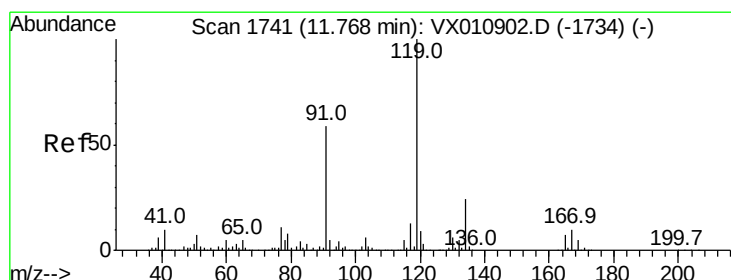
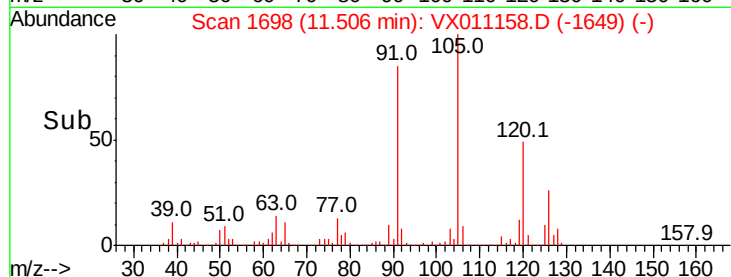
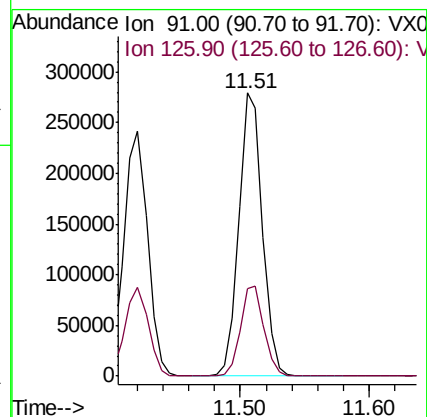
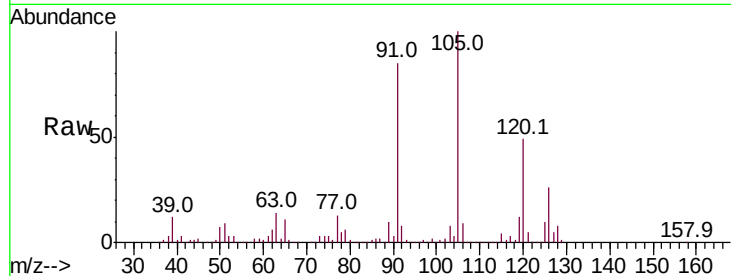
126 31.7 15.9 47.7

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#83

tert-Butylbenzene

Concen: 51.350 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX011158.D

Acq: 29 Jul 2019 20:06

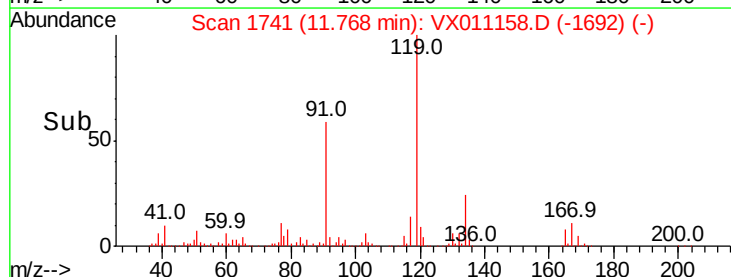
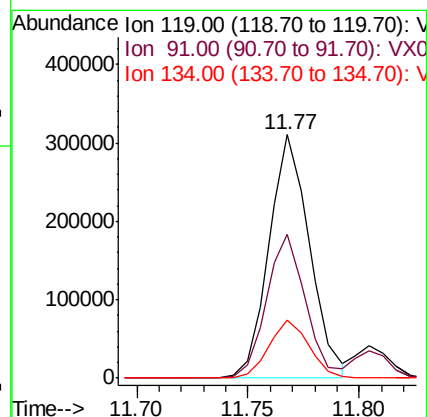
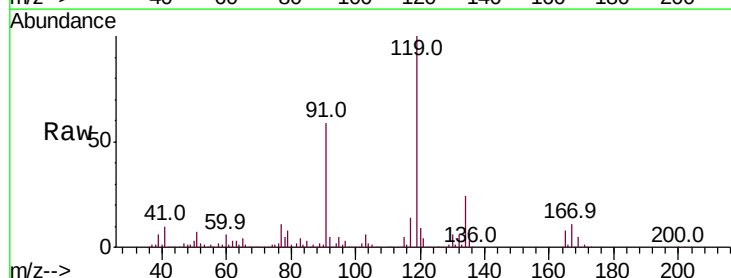
Tgt Ion: 119 Resp: 393234

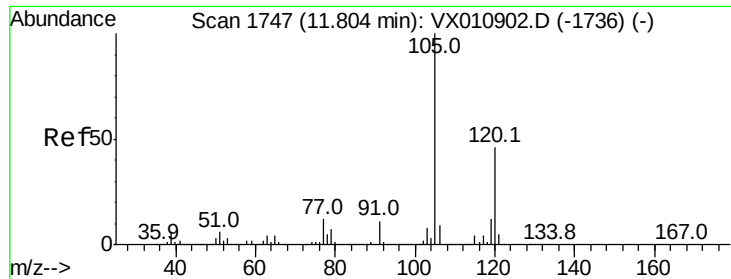
Ion Ratio Lower Upper

119 100

91 56.8 28.6 85.8

134 23.4 11.6 34.8





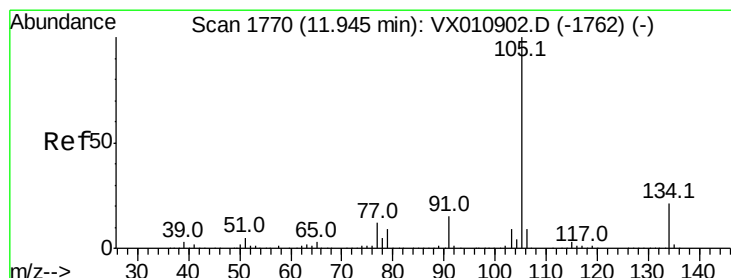
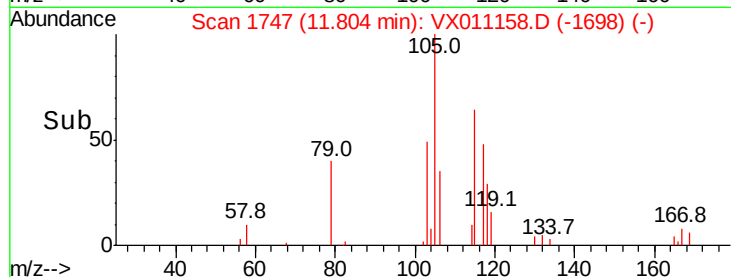
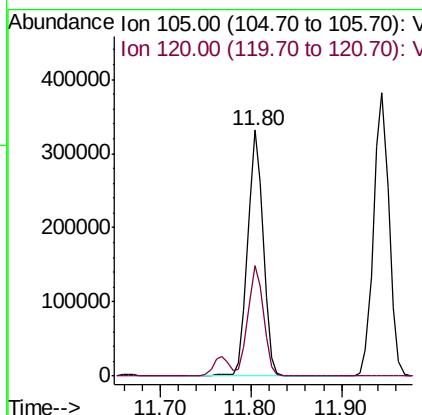
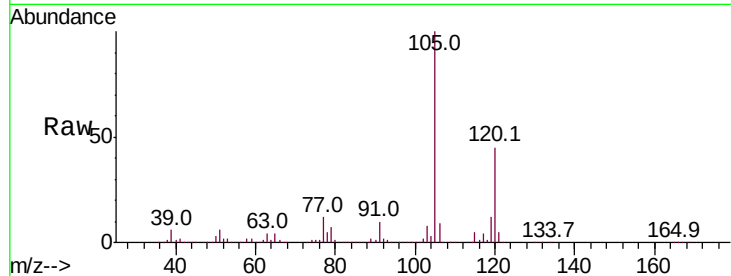
#84  
 1,2,4-Trimethylbenzene  
 Concen: 50.241 ug/l  
 RT: 11.80 min Scan# 1747  
 Delta R.T. 0.00 min  
 Lab File: VX011158.D  
 Acq: 29 Jul 2019 20:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 Z3-0681MSD

Tot Ion:105 Resp: 394794  
 Ion Ratio Lower Upper  
 105 100  
 120 45.4 22.9 68.5

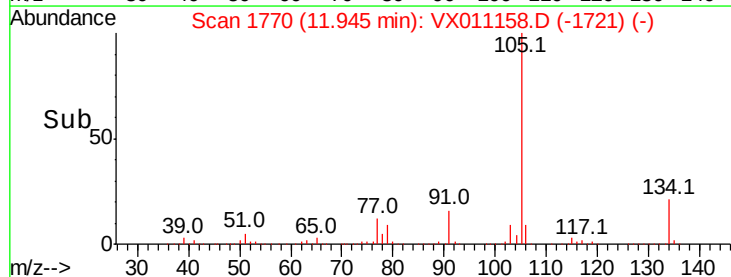
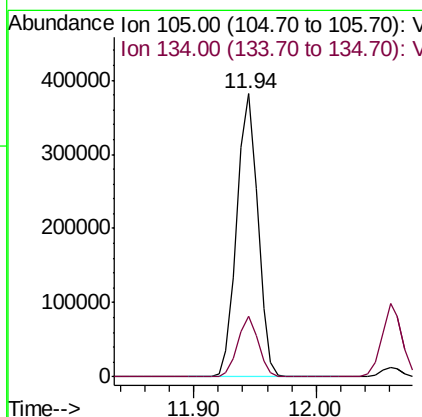
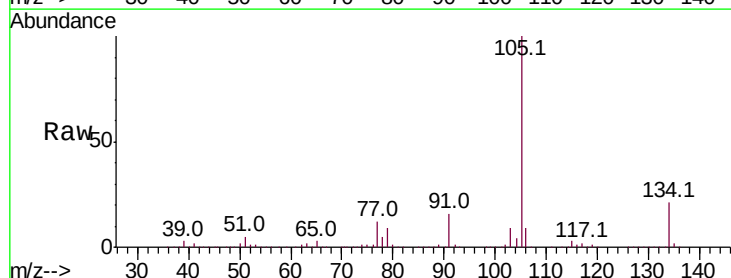
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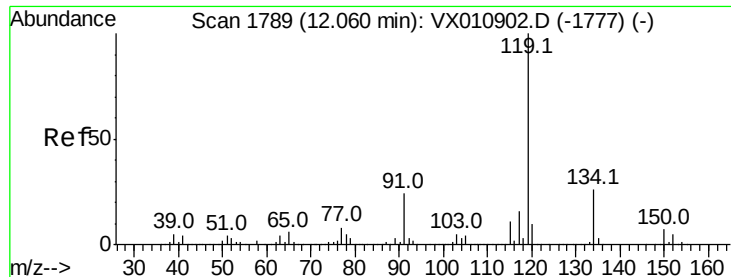
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#85  
 sec-Butylbenzene  
 Concen: 50.458 ug/l  
 RT: 11.94 min Scan# 1770  
 Delta R.T. 0.00 min  
 Lab File: VX011158.D  
 Acq: 29 Jul 2019 20:06

Tgt Ion:105 Resp: 452763  
 Ion Ratio Lower Upper  
 105 100  
 134 20.8 10.4 31.4





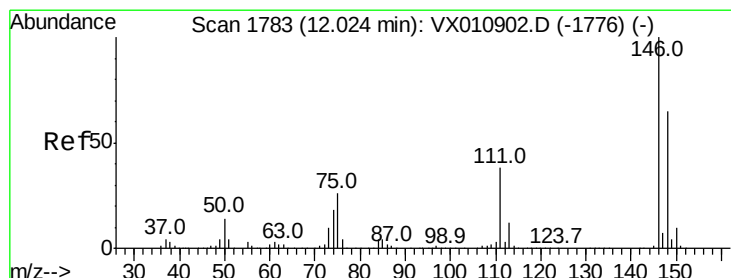
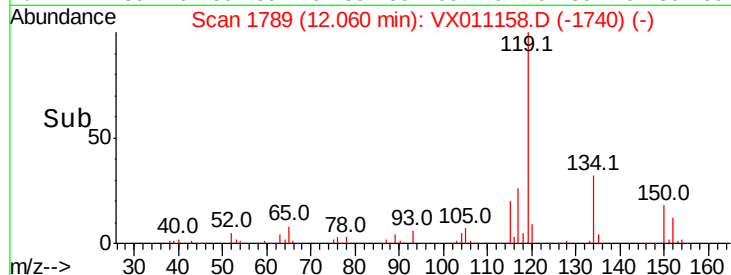
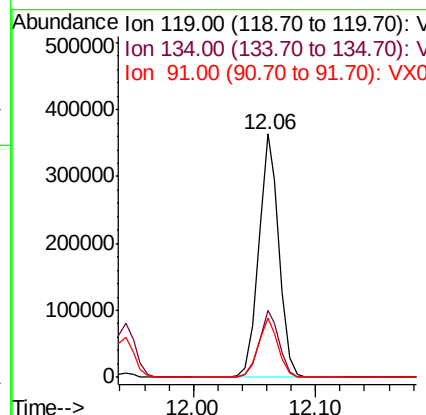
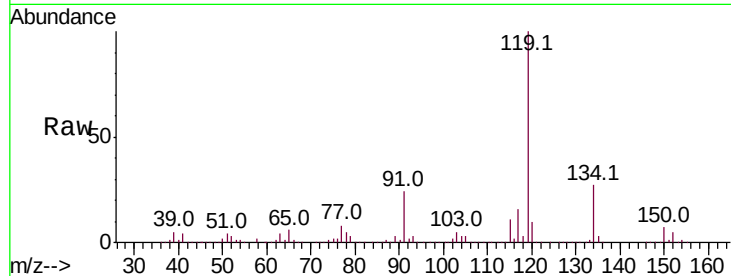
#86  
 p-Isopropyltoluene  
 Concen: 50.573 ug/l  
 RT: 12.06 min Scan# 1789  
 Delta R.T. 0.00 min  
 Lab File: VX011158.D  
 Acq: 29 Jul 2019 20:06

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 Z3-0681MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 419540 |       |       |
| 134     | 27.1  | 13.4   | 40.1  |       |
| 91      | 24.0  | 11.8   | 35.4  |       |

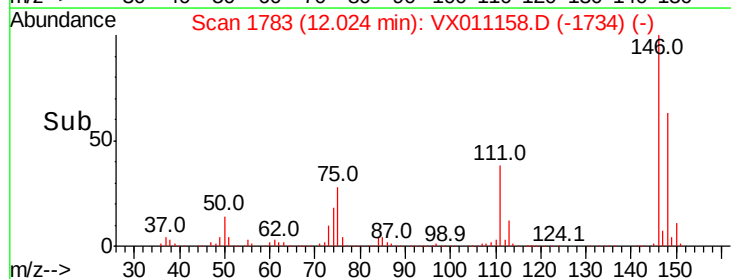
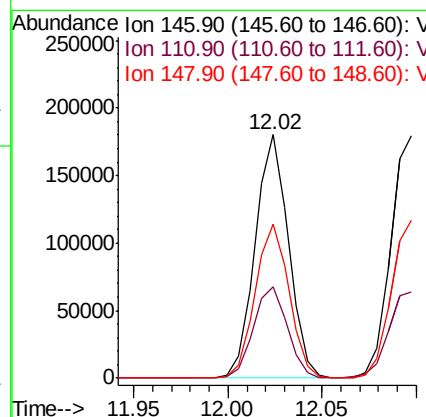
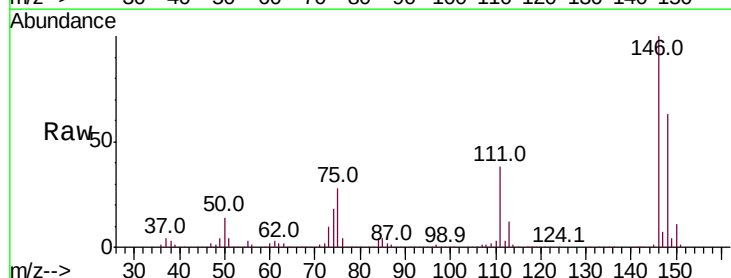
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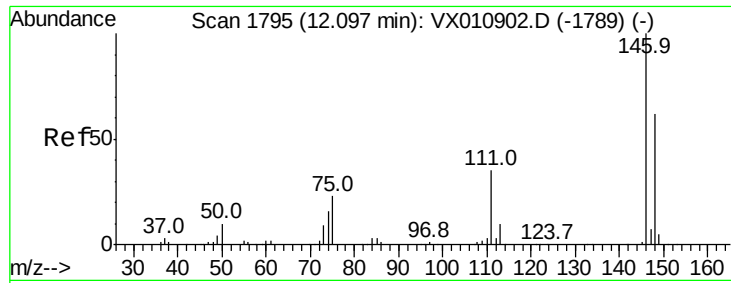


#87  
 1,3-Dichlorobenzene  
 Concen: 49.429 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. 0.00 min  
 Lab File: VX011158.D  
 Acq: 29 Jul 2019 20:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 220766 |       |       |
| 111     | 38.4  | 18.9   | 56.9  |       |
| 148     | 64.2  | 32.2   | 96.6  |       |







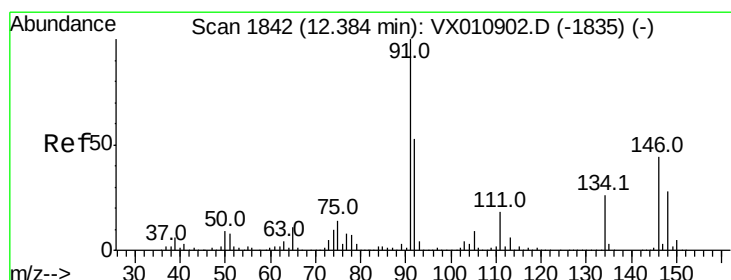
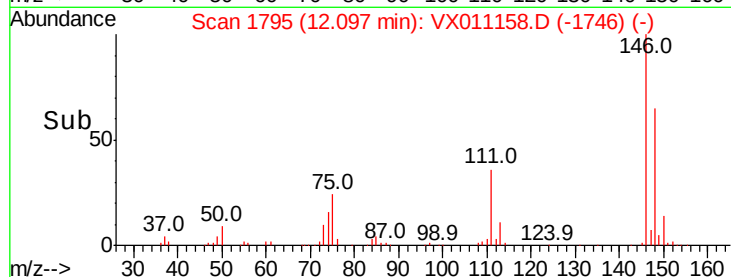
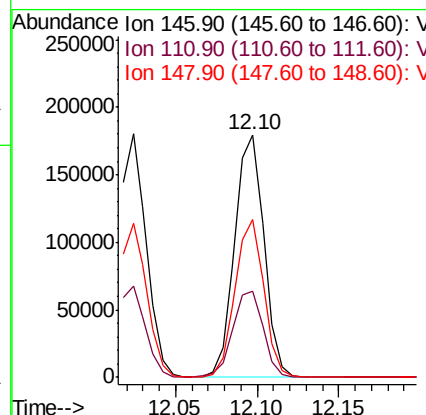
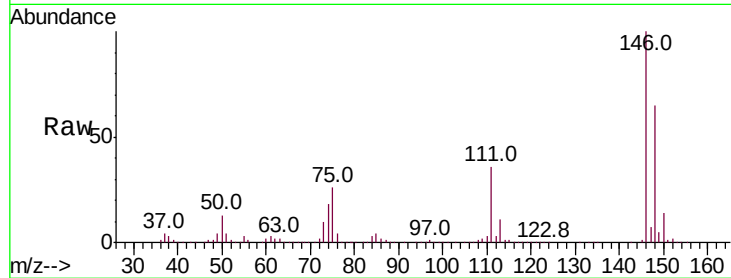
#88  
 1,4-Dichlorobenzene  
 Concen: 48.741 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. 0.00 min  
 Lab File: VX011158.D  
 Acq: 29 Jul 2019 20:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 Z3-0681MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 223266 |       |       |
| 111     | 37.2  | 18.6   | 55.8  |       |
| 148     | 64.0  | 31.6   | 94.7  |       |

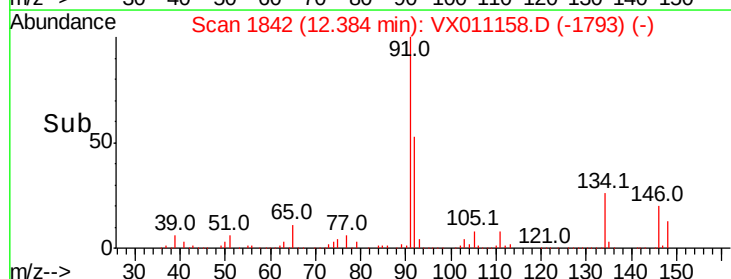
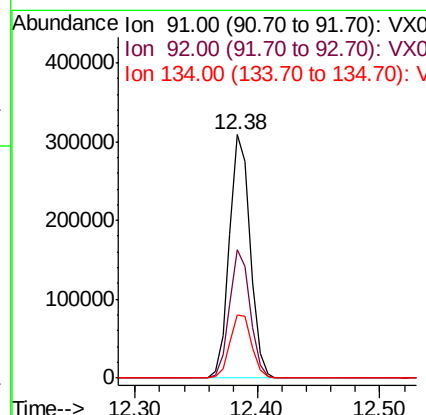
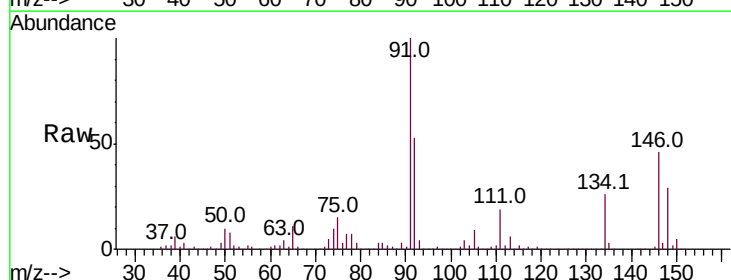
Manual Integrations  
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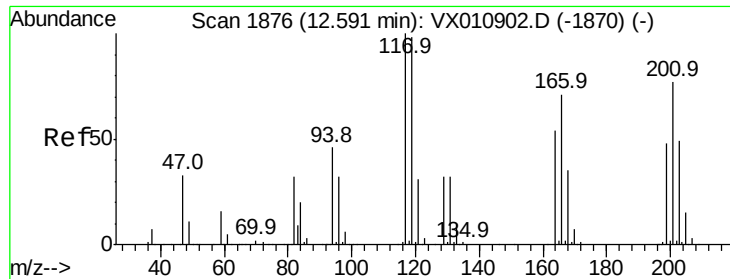
MMDadoda  
 7/30/2019 11:09:16 AM



#89  
 n-Butylbenzene  
 Concen: 51.002 ug/l  
 RT: 12.38 min Scan# 1842  
 Delta R.T. 0.00 min  
 Lab File: VX011158.D  
 Acq: 29 Jul 2019 20:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 91      | 100   | 361965 |       |       |
| 92      | 52.2  | 26.2   | 78.5  |       |
| 134     | 27.1  | 13.8   | 41.3  |       |





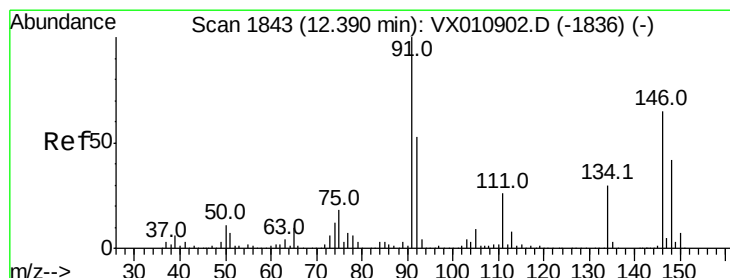
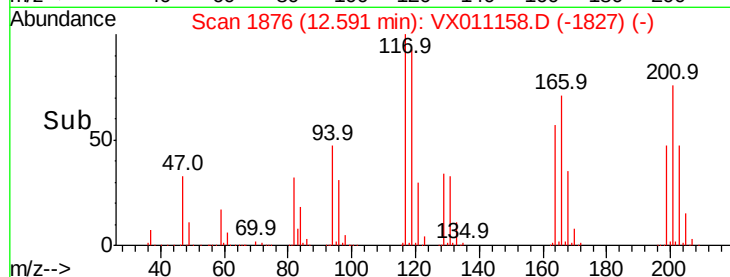
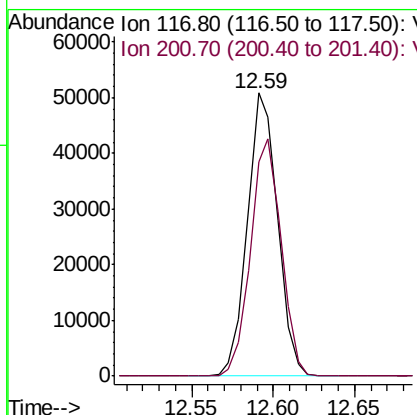
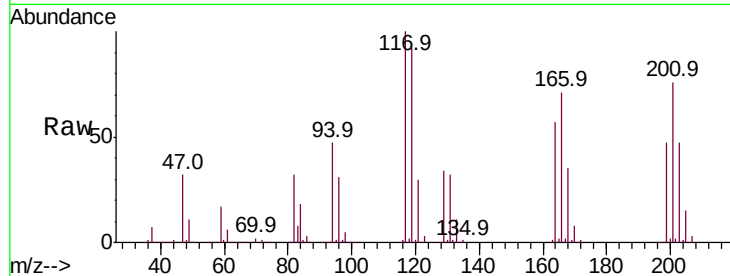
#90  
 Hexachloroethane  
 Concen: 50.237 ug/l  
 RT: 12.59 min Scan# 1876  
 Delta R.T. 0.00 min  
 Lab File: VX011158.D  
 Acq: 29 Jul 2019 20:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 Z3-0681MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 84.9  | 43.3  | 129.8 |

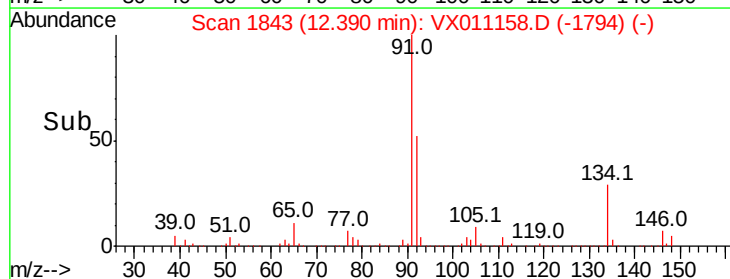
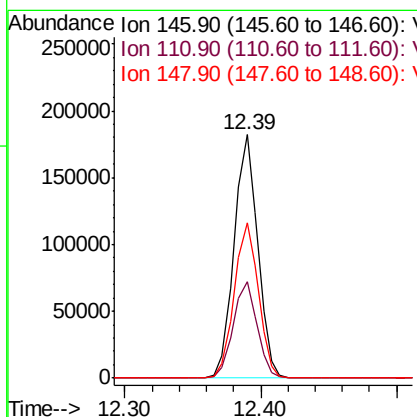
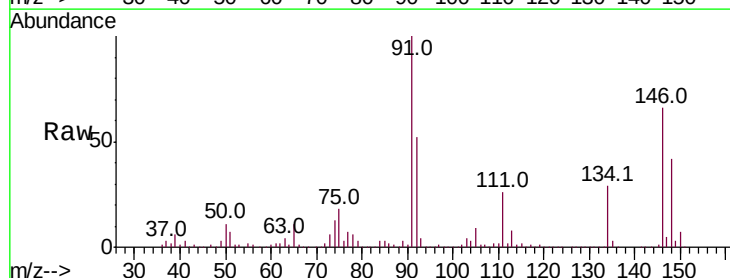
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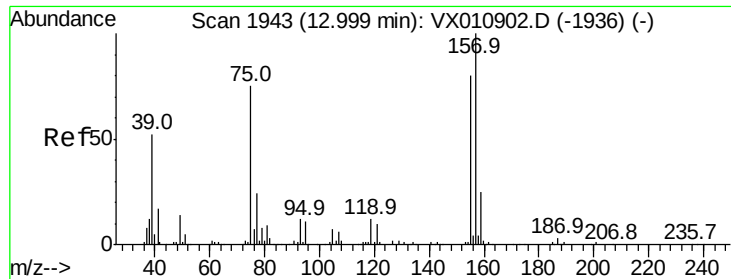
MMDadoda  
 7/30/2019 11:09:16 AM



#91  
 1,2-Dichlorobenzene  
 Concen: 49.864 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. 0.00 min  
 Lab File: VX011158.D  
 Acq: 29 Jul 2019 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.8  | 19.9  | 59.7  |
| 148     | 65.0  | 32.0  | 96.2  |





#92

1,2-Dibromo-3-Chloropropane

Concen: 52.189 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX011158.D

Acq: 29 Jul 2019 20:06

Instrument :

MSVOA\_X

ClientSampleId :

Z3-0681MSD

Tot Ion: 75 Resp: 33310

Ion Ratio Lower Upper

75 100

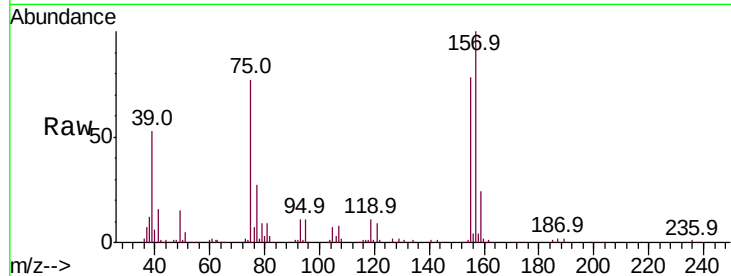
155 96.5 48.7 146.1

157 124.3 62.5 187.6

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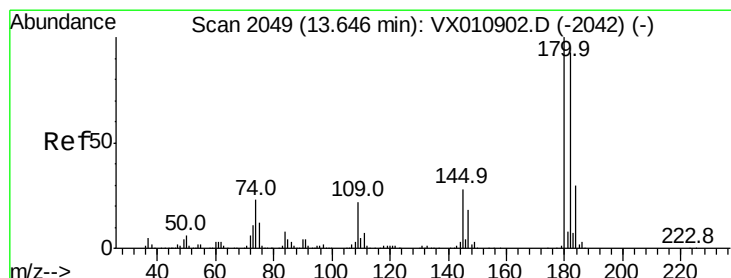
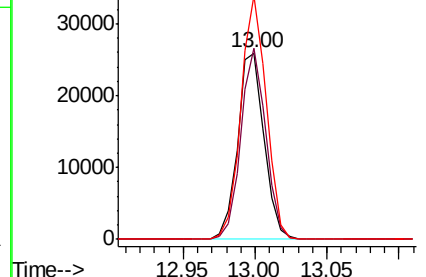
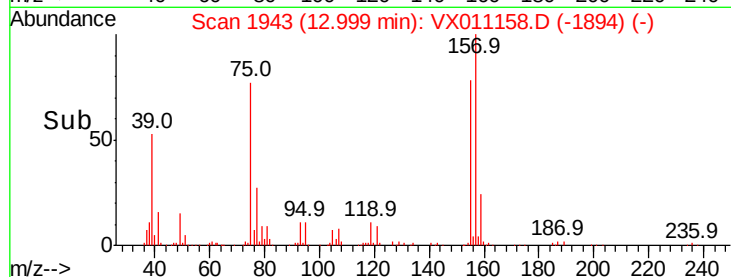
7/30/2019 11:09:16 AM



Abundance Ion 74.90 (74.60 to 75.60): VX011158.D (-1894) (-)

Ion 154.80 (154.50 to 155.50): VX011158.D (-1894) (-)

Ion 156.80 (156.50 to 157.50): VX011158.D (-1894) (-)



#93

1,2,4-Trichlorobenzene

Concen: 50.572 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX011158.D

Acq: 29 Jul 2019 20:06

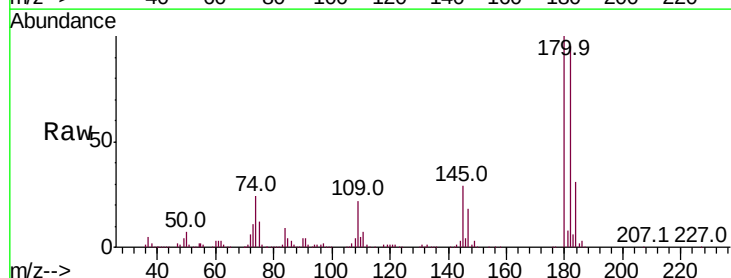
Tgt Ion: 180 Resp: 151707

Ion Ratio Lower Upper

180 100

182 95.1 47.1 141.3

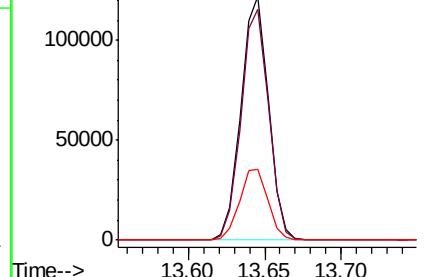
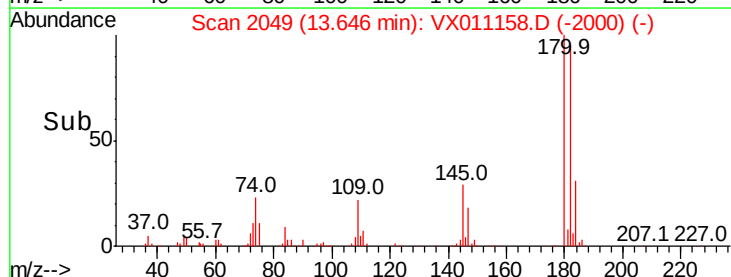
145 29.9 14.8 44.4

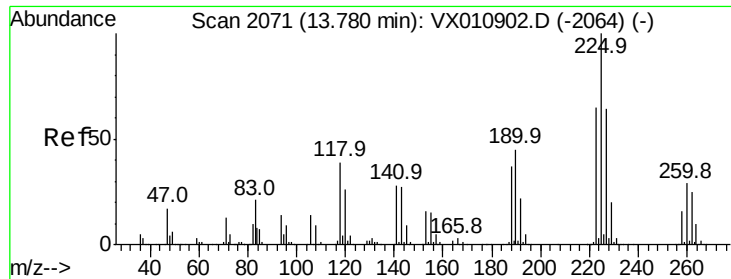


Abundance Ion 179.80 (179.50 to 180.50): VX011158.D (-2000) (-)

Ion 181.80 (181.50 to 182.50): VX011158.D (-2000) (-)

Ion 144.80 (144.50 to 145.50): VX011158.D (-2000) (-)





#94

Hexachlorobutadiene

Concen: 50.005 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX011158.D

Acq: 29 Jul 2019 20:06

Instrument :

MSVOA\_X

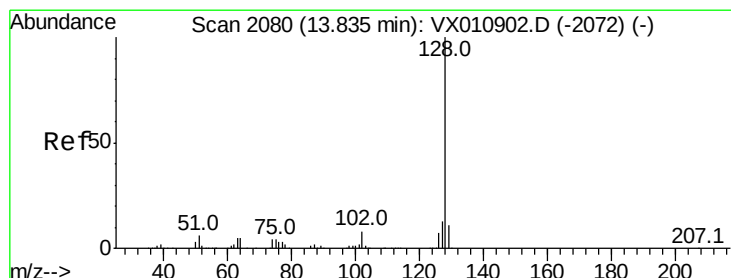
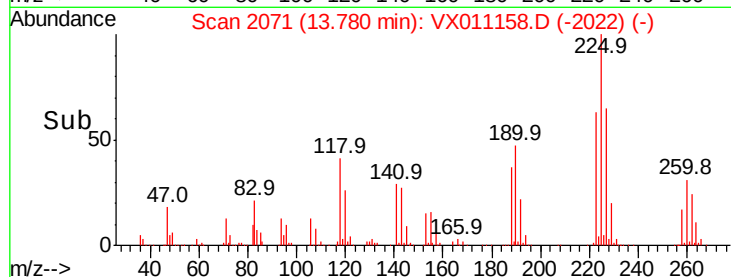
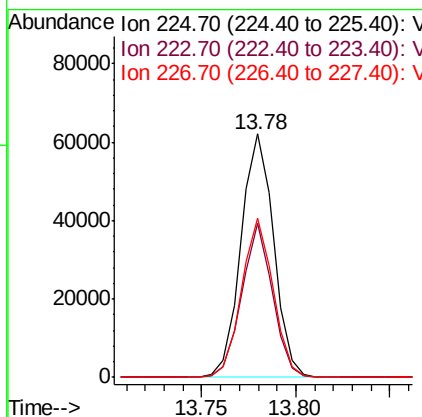
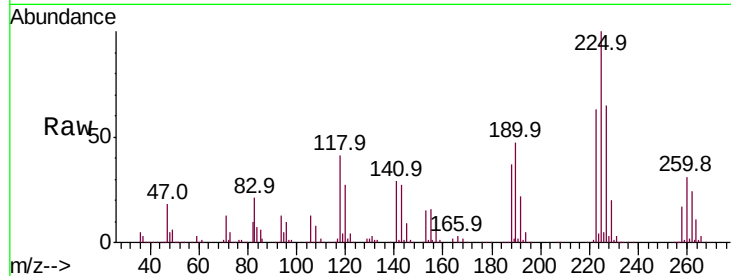
ClientSampleId :

Z3-0681MSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 225   | Resp: | 74336 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 59.7  | 31.9  | 95.9  |
| 227       | 63.3  | 32.5  | 97.4  |

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#95

Naphthalene

Concen: 54.075 ug/l

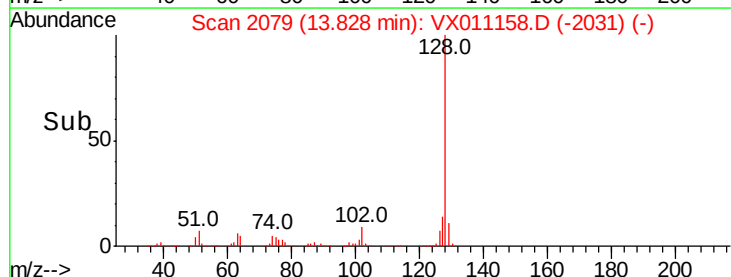
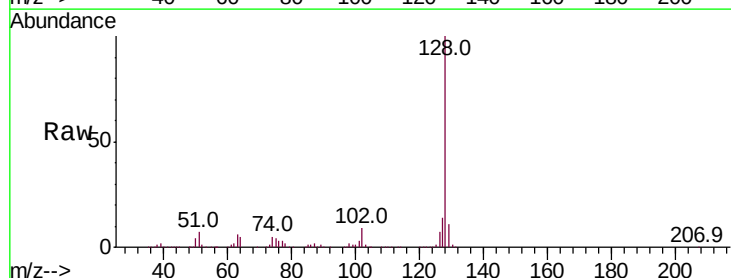
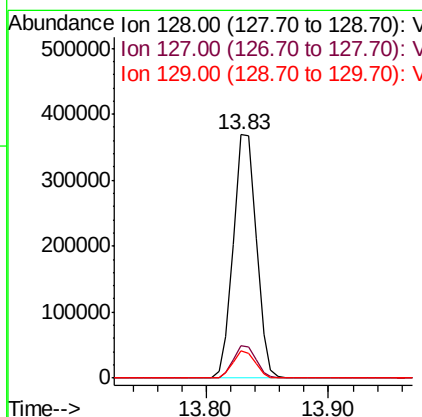
RT: 13.83 min Scan# 2079

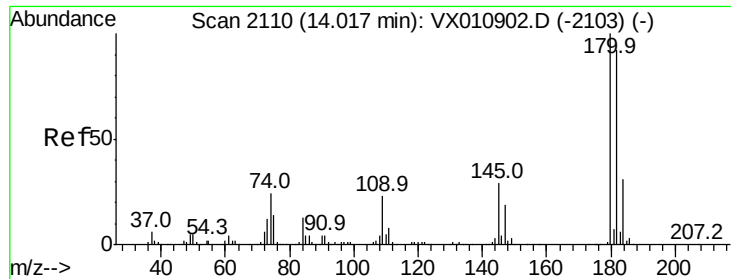
Delta R.T. -0.01 min

Lab File: VX011158.D

Acq: 29 Jul 2019 20:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 479011 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.2  | 10.4  | 15.6   |
| 129       | 10.9  | 8.9   | 13.3   |





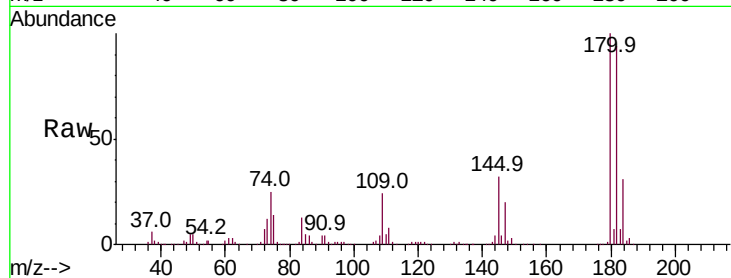
#96  
 1,2,3-Trichlorobenzene  
 Concen: 51.734 ug/l  
 RT: 14.02 min Scan# 2110  
 Delta R.T. 0.00 min  
 Lab File: VX011158.D  
 Acq: 29 Jul 2019 20:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 Z3-0681MSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 180     | 100   |            |       |
| 182     | 95.9  | 47.4       | 142.3 |
| 145     | 32.1  | 15.1       | 45.3  |

Manual Integrations  
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Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

