

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX030721\  
 Data File : VX021037.D  
 Acq On : 05 Mar 2021 16:07  
 Operator : JC/MD  
 Sample : M1584-08  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-TT-VPB-RW6-GW-818-820

Quant Time: Mar 05 23:59:41 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022421W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 24 13:50:55 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| -----                      |        |      |          |       |       |          |
| Internal Standards         |        |      |          |       |       |          |
| 1) Pentafluorobenzene      | 5.629  | 168  | 223924   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.829  | 114  | 414429   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.094 | 117  | 395383   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.065 | 152  | 169958   | 50.00 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 6.029  | 65    | 149909   | 49.56    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =    | 99.12%  |
| 35) Dibromofluoromethane    | 5.464  | 113   | 128976   | 51.22    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =    | 102.44% |
| 50) Toluene-d8              | 8.694  | 98    | 525630   | 53.54    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =    | 107.08% |
| 62) 4-Bromofluorobenzene    | 11.118 | 95    | 185000   | 50.96    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =    | 101.92% |

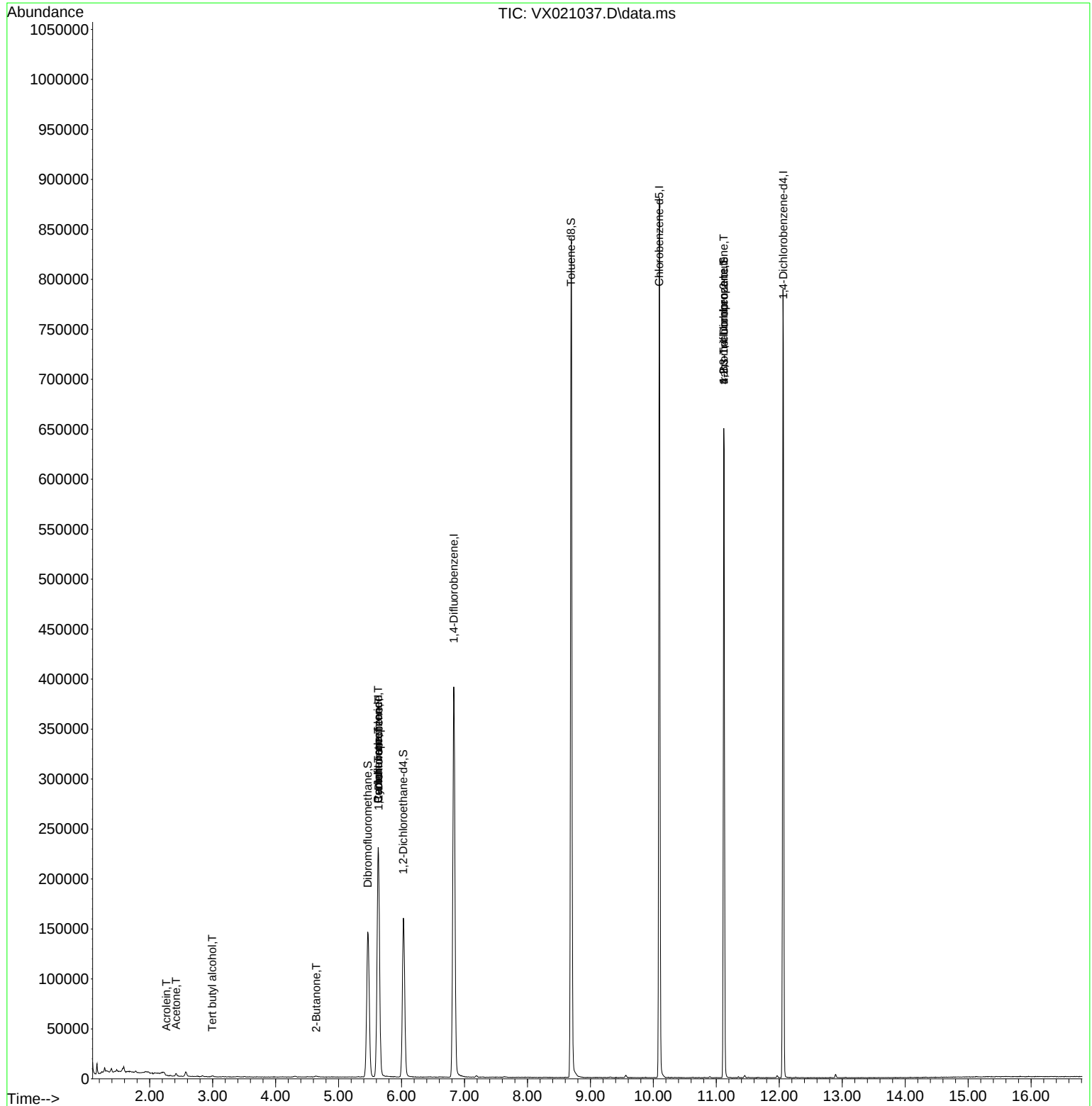
| Target Compounds              |        |     |       |            | Qvalue |
|-------------------------------|--------|-----|-------|------------|--------|
| 5) Bromomethane               | 1.640  | 94  | 344   | Below Cal  | # 74   |
| 11) Tert butyl alcohol        | 2.993  | 59  | 725   | 1.08 ug/l  | # 73   |
| 13) Acrolein                  | 2.264  | 56  | 108   | 0.26 ug/l  | 96     |
| 16) Acetone                   | 2.417  | 43  | 2970  | 2.38 ug/l  | 94     |
| 25) 2-Butanone                | 4.646  | 43  | 781   | 0.41 ug/l  | # 45   |
| 31) Cyclohexane               | 5.629  | 56  | 4307  | 0.98 ug/l  | # 1    |
| 36) 1,1-Dichloropropene       | 5.635  | 75  | 16963 | 4.31 ug/l  | # 48   |
| 38) Carbon Tetrachloride      | 5.629  | 117 | 21489 | 5.63 ug/l  | # 17   |
| 76) 1,2,3-Trichloropropane    | 11.118 | 75  | 87890 | 24.04 ug/l | # 39   |
| 81) trans-1,4-Dichloro-2-b... | 11.118 | 75  | 87890 | 53.22 ug/l | # 12   |

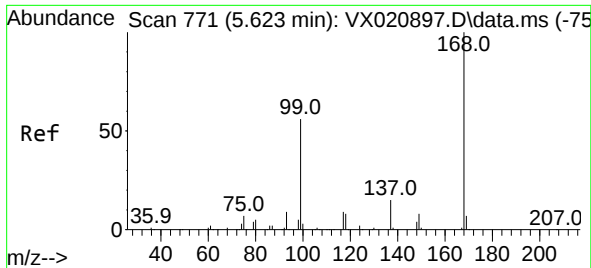
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX030721\  
Data File : VX021037.D  
Acq On : 05 Mar 2021 16:07  
Operator : JC/MD  
Sample : M1584-08  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-TT-VPB-RW6-GW-818-820

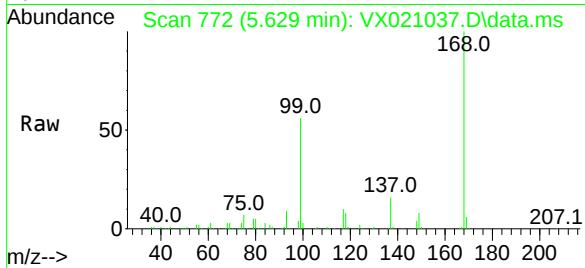
Quant Time: Mar 05 23:59:41 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022421W.M  
Quant Title : SW846 8260  
QLast Update : Wed Feb 24 13:50:55 2021  
Response via : Initial Calibration



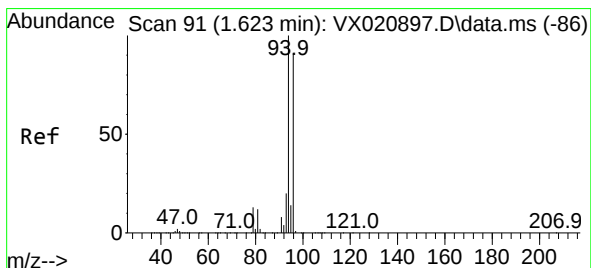
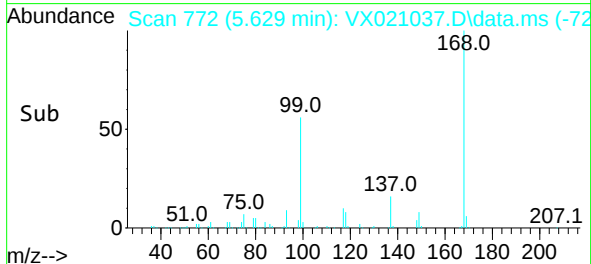
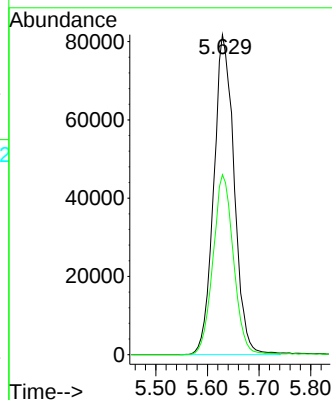


#1  
 Pentafluorobenzene  
 Concen: 50.00 ug/l  
 RT: 5.629 min Scan# 772  
 Delta R.T. 0.006 min  
 Lab File: VX021037.D  
 Acq: 05 Mar 2021 16:07

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-TT-VPB-RW6-GW-818-820

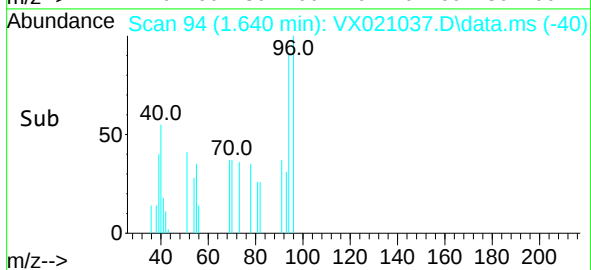
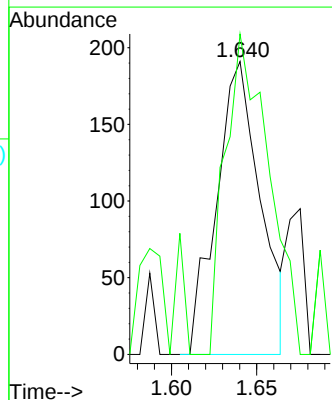
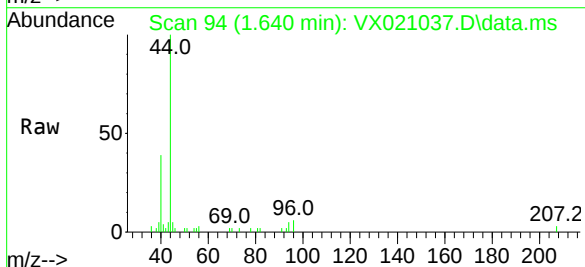


Tgt Ion:168 Resp: 223924  
 Ion Ratio Lower Upper  
 168 100  
 99 56.2 45.8 68.6



#5  
 Bromomethane  
 Concen: Below Cal  
 RT: 1.640 min Scan# 94  
 Delta R.T. 0.017 min  
 Lab File: VX021037.D  
 Acq: 05 Mar 2021 16:07

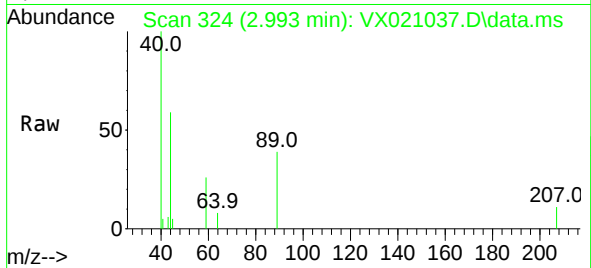
Tgt Ion: 94 Resp: 344  
 Ion Ratio Lower Upper  
 94 100  
 96 70.2 76.4 114.6#



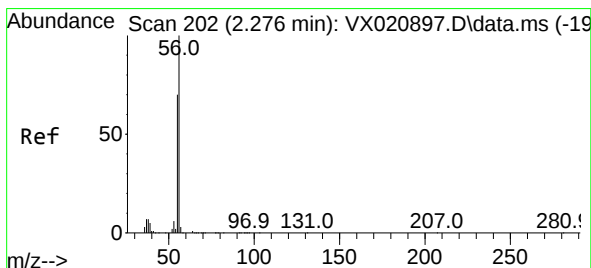
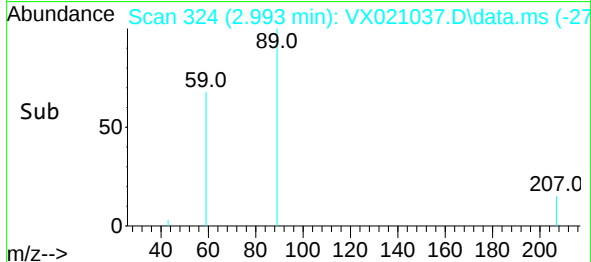
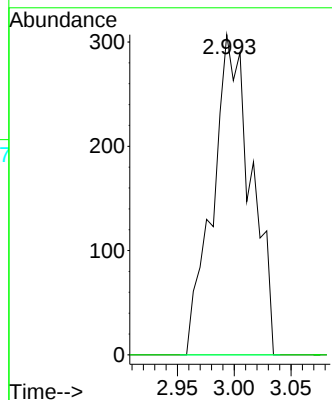


#11  
Tert butyl alcohol  
Concen: 1.08 ug/l  
RT: 2.993 min Scan# 324  
Delta R.T. -0.024 min  
Lab File: VX021037.D  
Acq: 05 Mar 2021 16:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-TT-VPB-RW6-GW-818-820

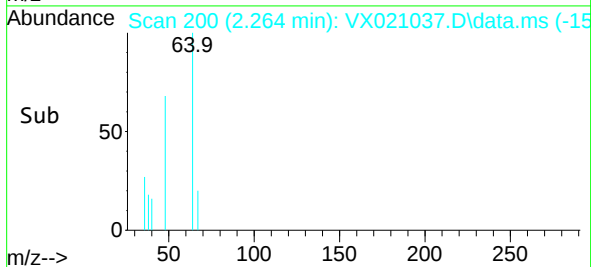
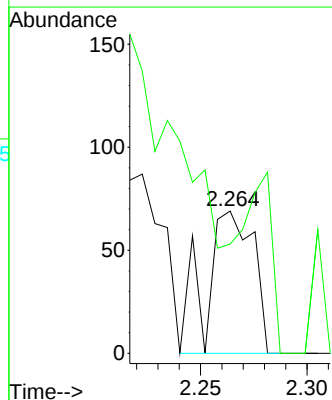
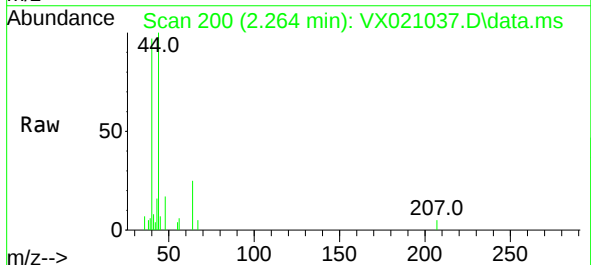


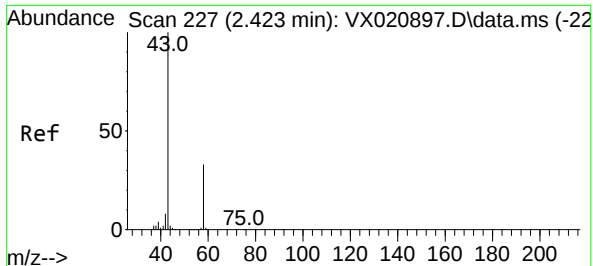
Tgt Ion: 59 Resp: 725  
Ion Ratio Lower Upper  
59 100  
57 0.0 7.8 11.8#



#13  
Acrolein  
Concen: 0.26 ug/l  
RT: 2.264 min Scan# 200  
Delta R.T. -0.012 min  
Lab File: VX021037.D  
Acq: 05 Mar 2021 16:07

Tgt Ion: 56 Resp: 108  
Ion Ratio Lower Upper  
56 100  
55 74.1 56.4 84.6

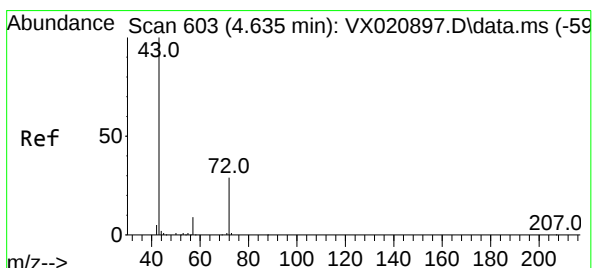
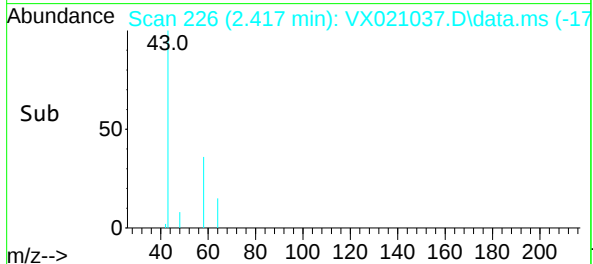
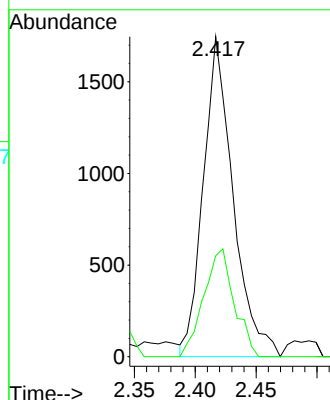
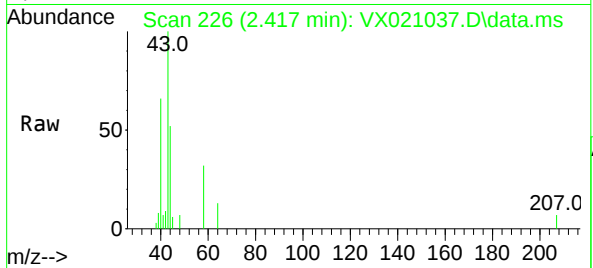




#16  
Acetone  
Concen: 2.38 ug/l  
RT: 2.417 min Scan# 226  
Delta R.T. -0.006 min  
Lab File: VX021037.D  
Acq: 05 Mar 2021 16:07

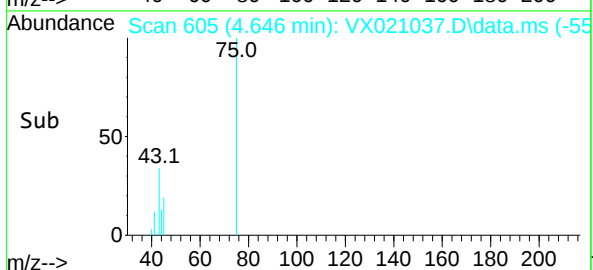
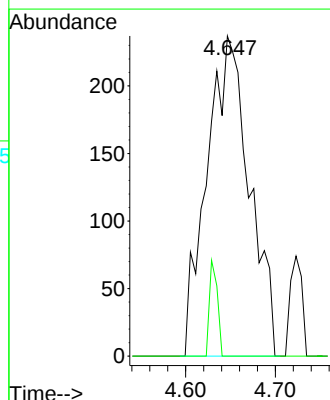
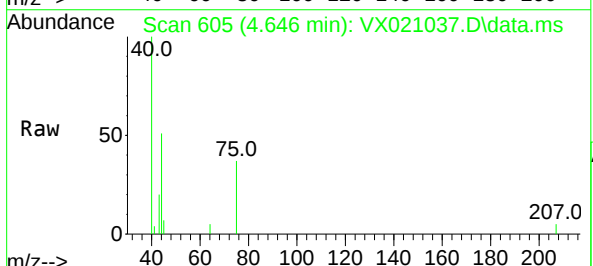
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-TT-VPB-RW6-GW-818-820

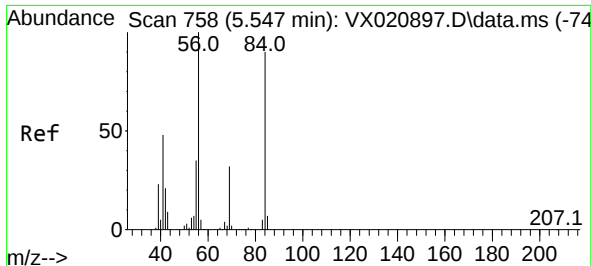
Tgt Ion: 43 Resp: 2970  
Ion Ratio Lower Upper  
43 100  
58 31.6 27.8 41.8



#25  
2-Butanone  
Concen: 0.41 ug/l  
RT: 4.646 min Scan# 605  
Delta R.T. 0.012 min  
Lab File: VX021037.D  
Acq: 05 Mar 2021 16:07

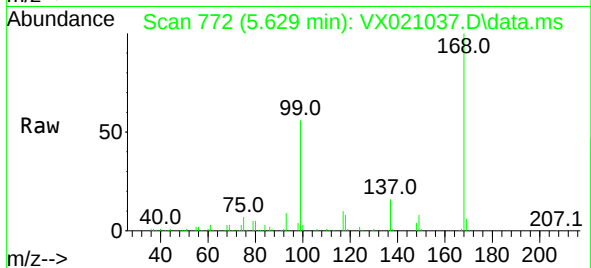
Tgt Ion: 43 Resp: 781  
Ion Ratio Lower Upper  
43 100  
72 0.0 23.7 35.5#



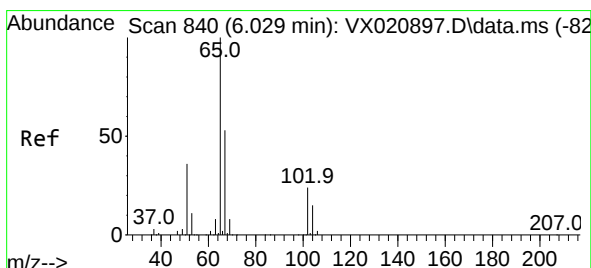
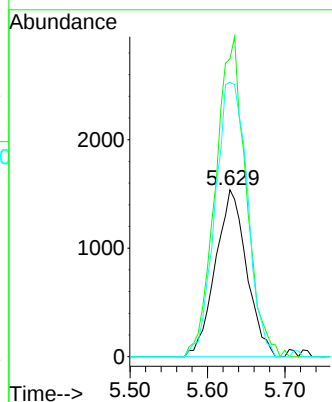
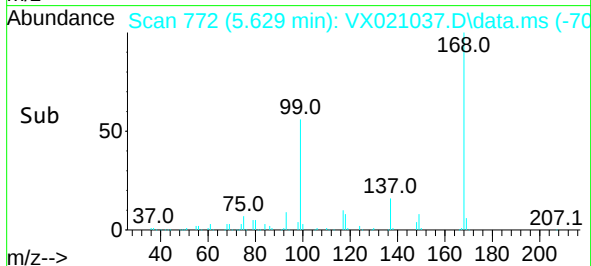


#31  
Cyclohexane  
Concen: 0.98 ug/l  
RT: 5.629 min Scan# 772  
Delta R.T. 0.082 min  
Lab File: VX021037.D  
Acq: 05 Mar 2021 16:07

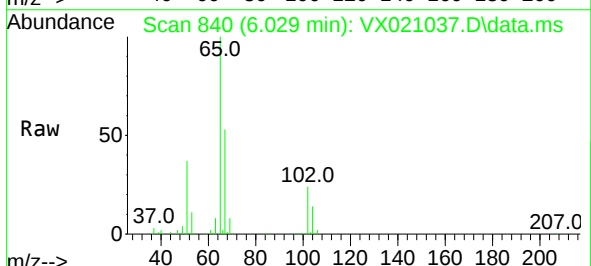
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-TT-VPB-RW6-GW-818-820



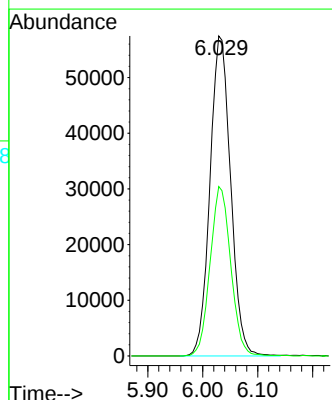
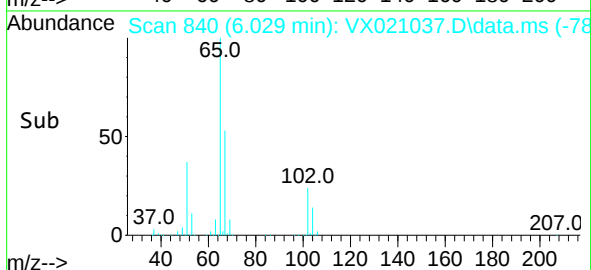
Tgt Ion: 56 Resp: 4307  
Ion Ratio Lower Upper  
56 100  
69 178.6 25.3 37.9#  
84 164.5 71.4 107.0#

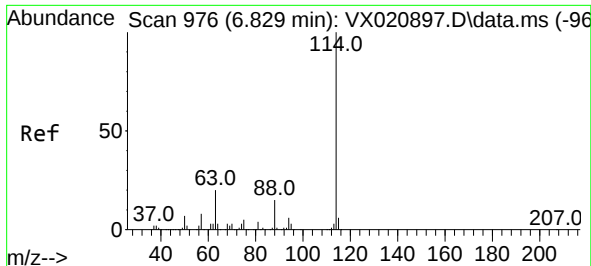


#33  
1,2-Dichloroethane-d4  
Concen: 49.56 ug/l  
RT: 6.029 min Scan# 840  
Delta R.T. -0.000 min  
Lab File: VX021037.D  
Acq: 05 Mar 2021 16:07



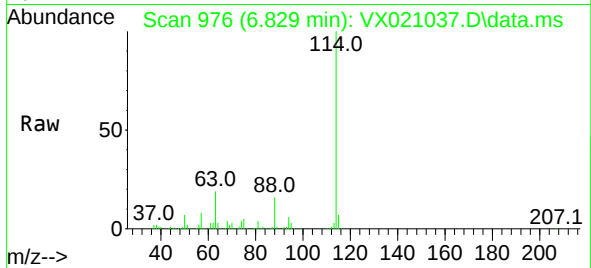
Tgt Ion: 65 Resp: 149909  
Ion Ratio Lower Upper  
65 100  
67 52.9 0.0 105.4



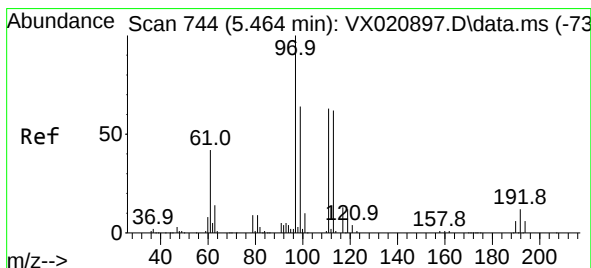
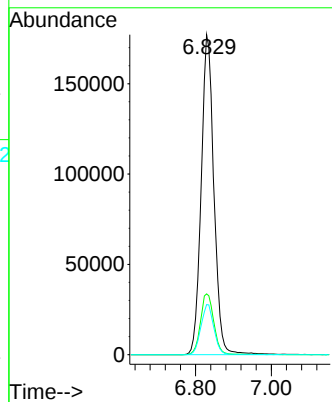
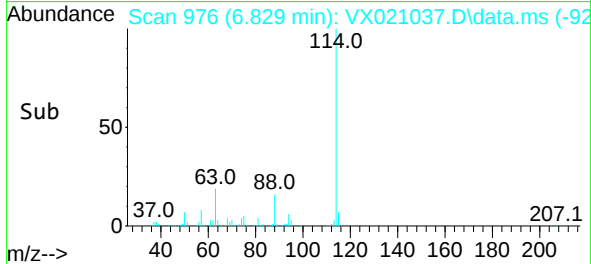


#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.829 min Scan# 976  
Delta R.T. -0.000 min  
Lab File: VX021037.D  
Acq: 05 Mar 2021 16:07

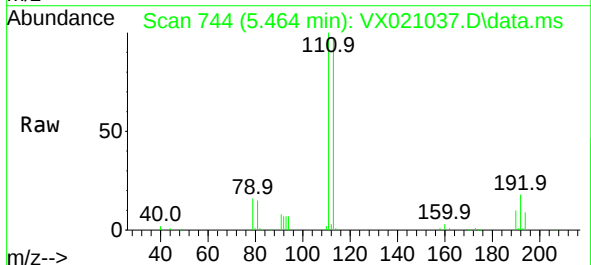
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-TT-VPB-RW6-GW-818-820



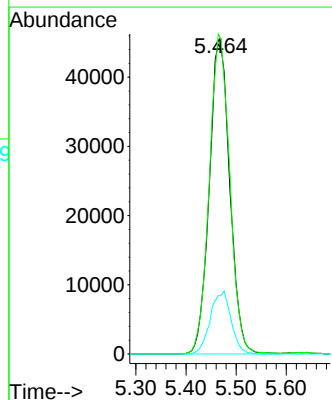
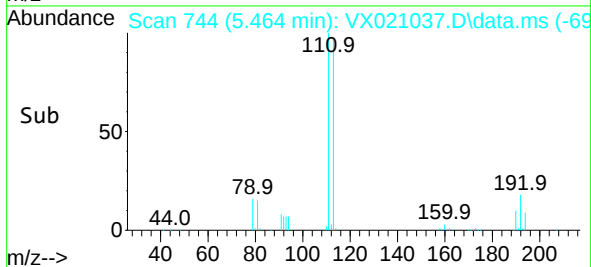
Tgt Ion:114 Resp: 414429  
Ion Ratio Lower Upper  
114 100  
63 19.0 0.0 40.8  
88 15.6 0.0 32.8

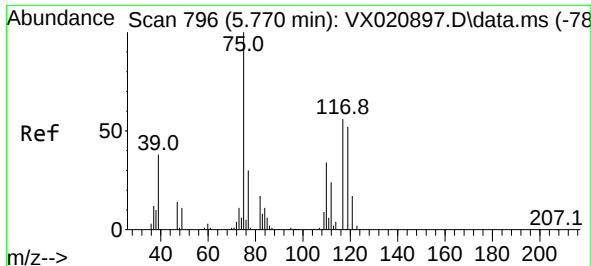


#35  
Dibromofluoromethane  
Concen: 51.22 ug/l  
RT: 5.464 min Scan# 744  
Delta R.T. -0.000 min  
Lab File: VX021037.D  
Acq: 05 Mar 2021 16:07



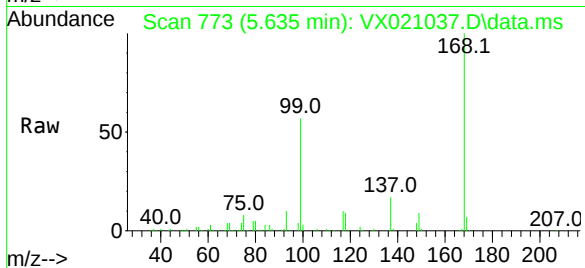
Tgt Ion:113 Resp: 128976  
Ion Ratio Lower Upper  
113 100  
111 101.6 81.9 122.9  
192 20.2 16.7 25.1



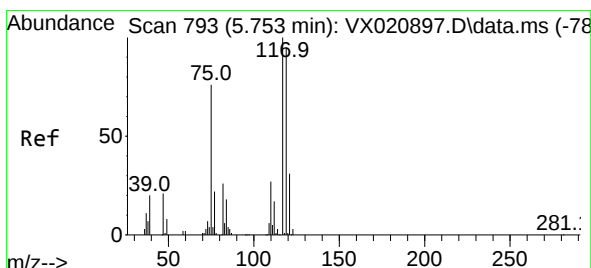
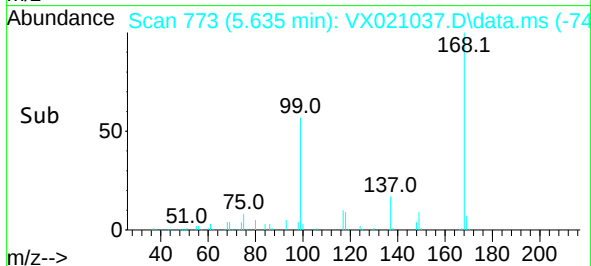
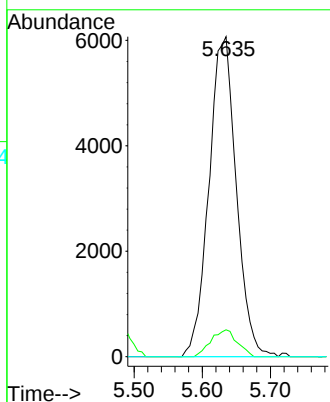


#36  
1,1-Dichloropropene  
Concen: 4.31 ug/l  
RT: 5.635 min Scan# 773  
Delta R.T. -0.135 min  
Lab File: VX021037.D  
Acq: 05 Mar 2021 16:07

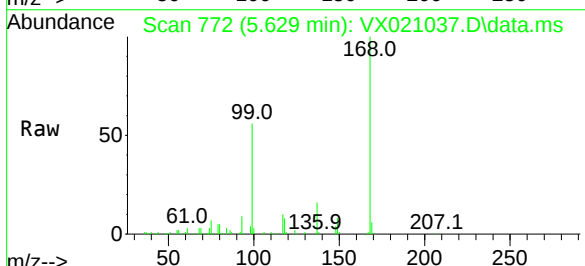
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-TT-VPB-RW6-GW-818-820



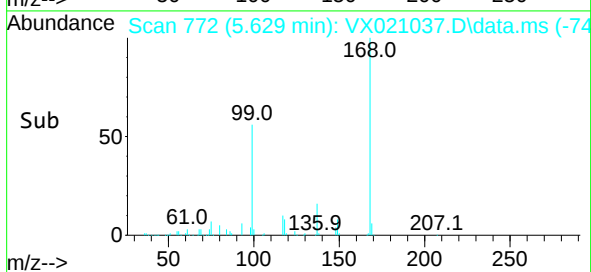
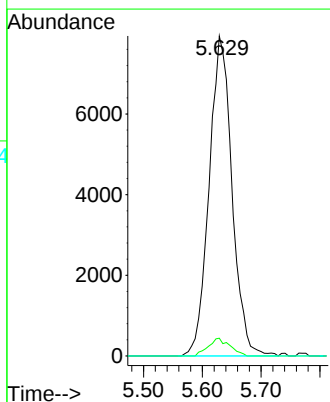
Tgt Ion: 75 Resp: 16963  
Ion Ratio Lower Upper  
75 100  
110 8.1 18.1 54.4#  
77 0.0 25.3 37.9#

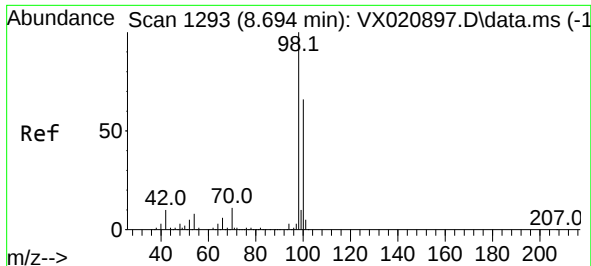


#38  
Carbon Tetrachloride  
Concen: 5.63 ug/l  
RT: 5.629 min Scan# 772  
Delta R.T. -0.124 min  
Lab File: VX021037.D  
Acq: 05 Mar 2021 16:07



Tgt Ion: 117 Resp: 21489  
Ion Ratio Lower Upper  
117 100  
119 5.5 76.2 114.2#  
121 0.0 24.8 37.2#

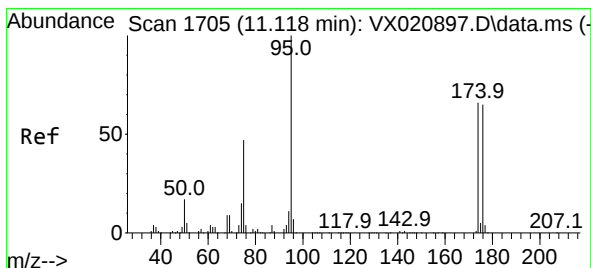
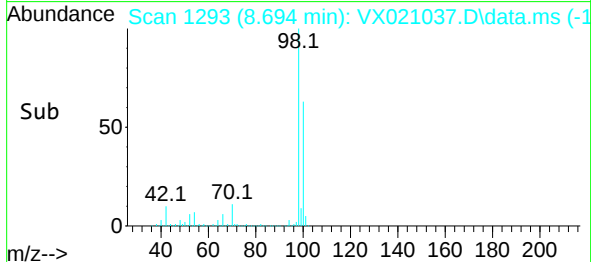
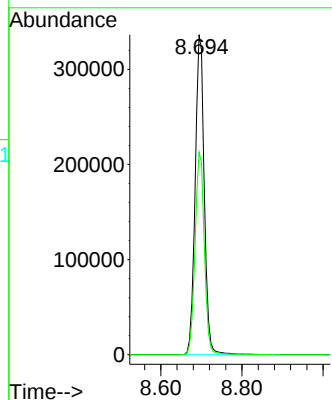
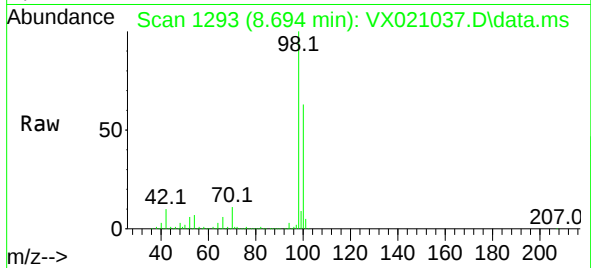




#50  
Toluene-d8  
Concen: 53.54 ug/l  
RT: 8.694 min Scan# 1293  
Delta R.T. -0.000 min  
Lab File: VX021037.D  
Acq: 05 Mar 2021 16:07

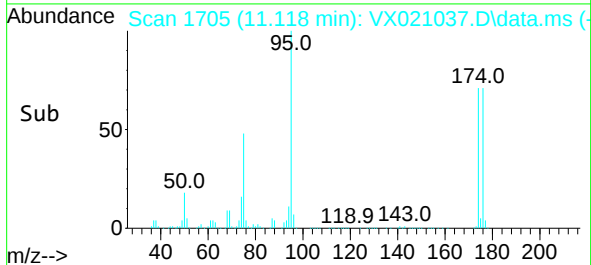
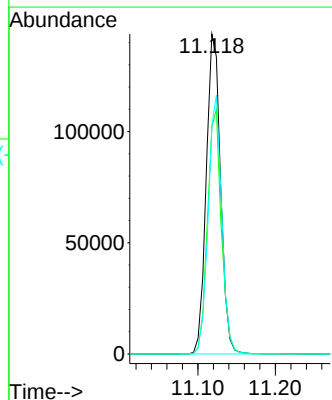
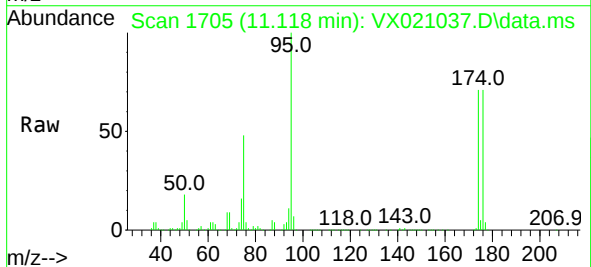
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-TT-VPB-RW6-GW-818-820

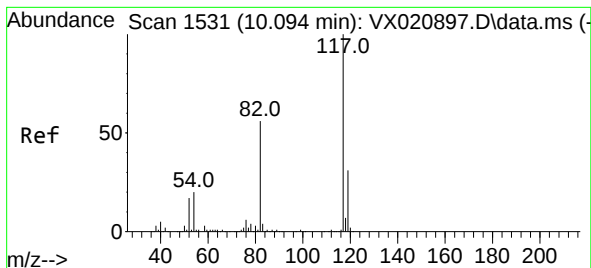
Tgt Ion: 98 Resp: 525630  
Ion Ratio Lower Upper  
98 100  
100 64.8 51.9 77.9



#62  
4-Bromofluorobenzene  
Concen: 50.96 ug/l  
RT: 11.118 min Scan# 1705  
Delta R.T. -0.000 min  
Lab File: VX021037.D  
Acq: 05 Mar 2021 16:07

Tgt Ion: 95 Resp: 185000  
Ion Ratio Lower Upper  
95 100  
174 74.4 0.0 154.6  
176 76.9 0.0 155.8

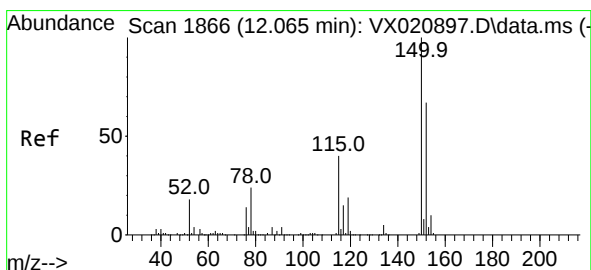
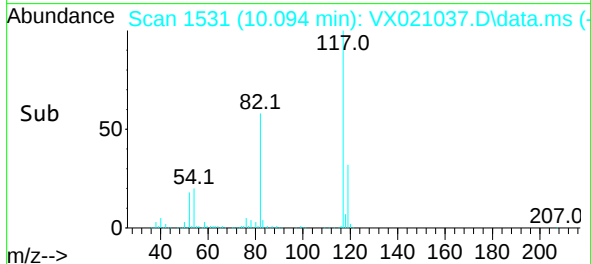
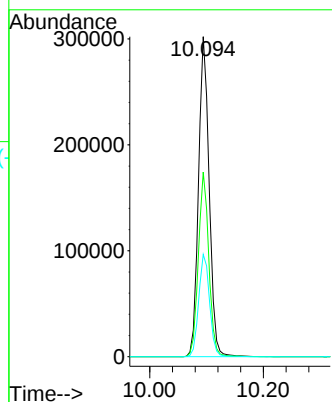
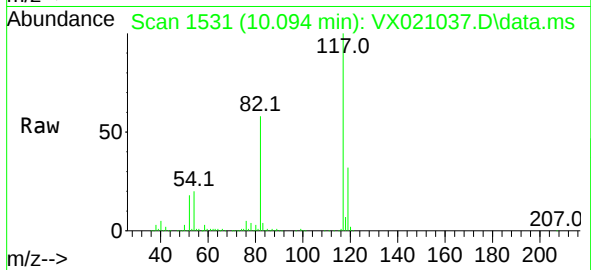




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.094 min Scan# 1531  
Delta R.T. -0.000 min  
Lab File: VX021037.D  
Acq: 05 Mar 2021 16:07

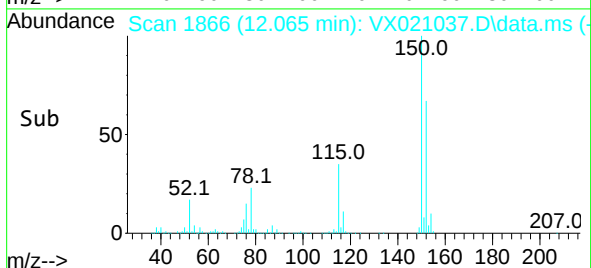
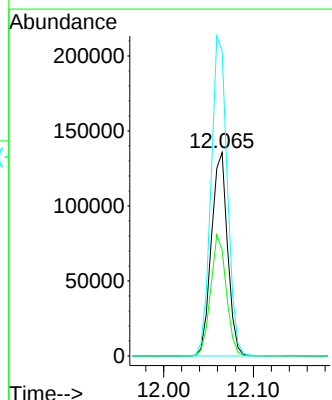
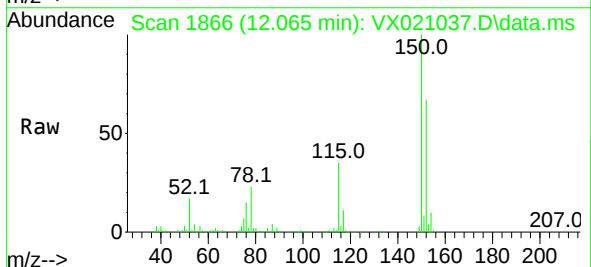
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-TT-VPB-RW6-GW-818-820

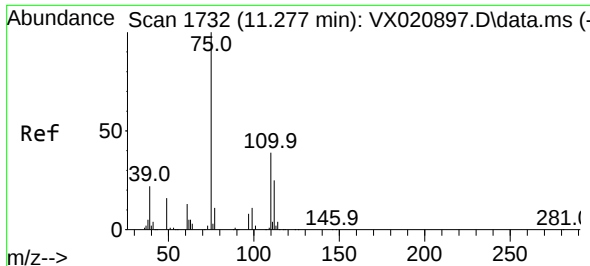
Tgt Ion:117 Resp: 395383  
Ion Ratio Lower Upper  
117 100  
82 57.7 47.4 71.2  
119 32.0 26.6 39.8



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.065 min Scan# 1866  
Delta R.T. -0.000 min  
Lab File: VX021037.D  
Acq: 05 Mar 2021 16:07

Tgt Ion:152 Resp: 169958  
Ion Ratio Lower Upper  
152 100  
115 57.4 41.1 123.3  
150 157.7 0.0 349.0

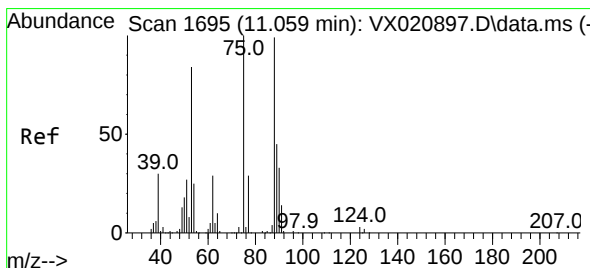
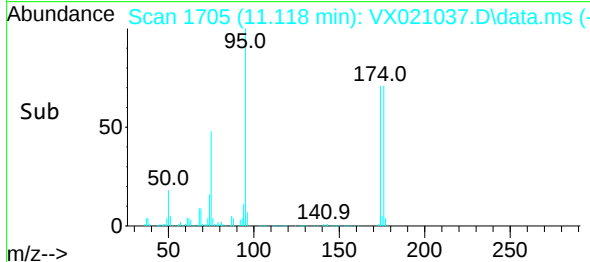
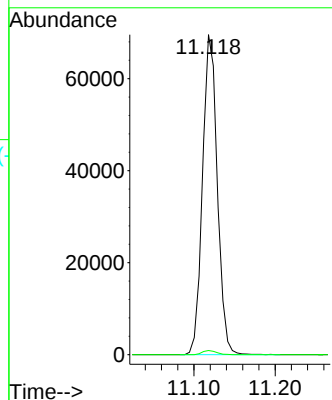
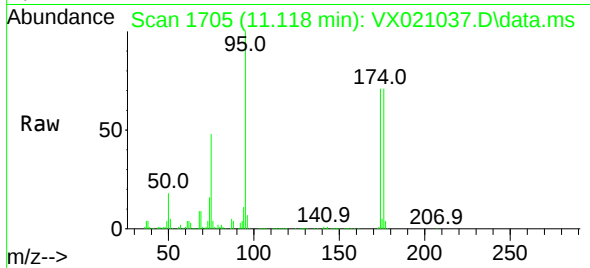




#76  
1,2,3-Trichloropropane  
Concen: 24.04 ug/l  
RT: 11.118 min Scan# 1705  
Delta R.T. -0.159 min  
Lab File: VX021037.D  
Acq: 05 Mar 2021 16:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-TT-VPB-RW6-GW-818-820

Tgt Ion: 75 Resp: 87890  
Ion Ratio Lower Upper  
75 100  
77 1.3 19.1 57.5#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 53.22 ug/l  
RT: 11.118 min Scan# 1705  
Delta R.T. 0.059 min  
Lab File: VX021037.D  
Acq: 05 Mar 2021 16:07

Tgt Ion: 75 Resp: 87890  
Ion Ratio Lower Upper  
75 100  
53 0.0 74.5 111.7#  
89 0.0 37.9 56.9#

