

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080720\  
 Data File : VN062790.D  
 Acq On : 7 Aug 2020 19:42  
 Operator : JC/MD  
 Sample : L3594-02  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TP-1

Quant Time: Aug 08 03:00:58 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N080520W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 05 13:26:42 2020  
 Response via : Initial Calibration

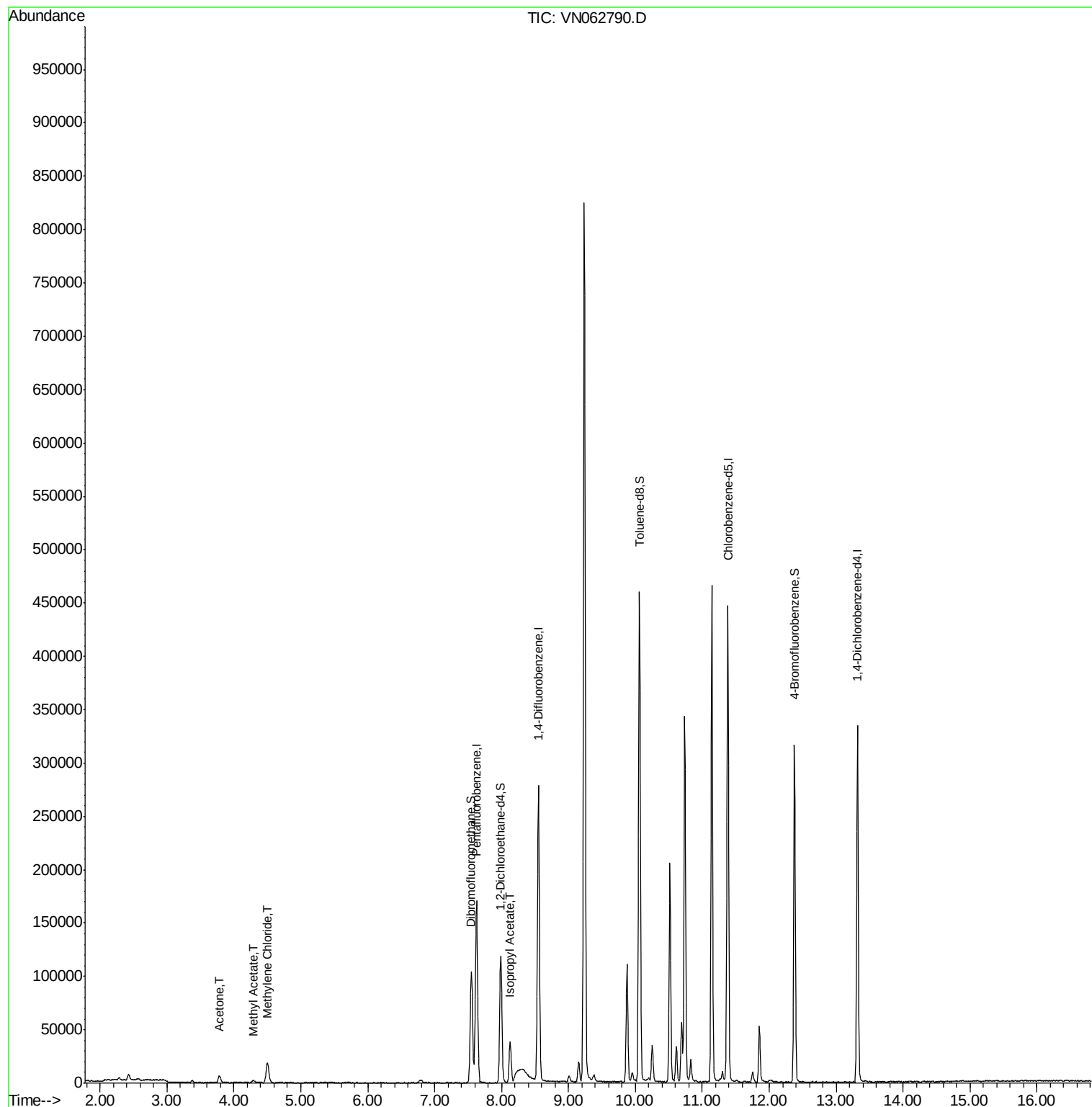
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 7.63  | 168  | 129821   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.55  | 114  | 236936   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.38 | 117  | 244943   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.32 | 152  | 86200    | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 7.99  | 65   | 112164   | 52.25  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 104.50% |          |
| 35) Dibromofluoromethane    | 7.55  | 113  | 81449    | 50.25  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 100.50% |          |
| 50) Toluene-d8              | 10.06 | 98   | 312246   | 49.35  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 98.70%  |          |
| 62) 4-Bromofluorobenzene    | 12.38 | 95   | 110895   | 46.38  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 92.76%  |          |
| Target Compounds            |       |      |          |        |         |          |
| 16) Acetone                 | 3.78  | 43   | 11627    | 14.988 | ug/l    | 96       |
| 18) Methyl Acetate          | 4.28  | 43   | 4933     | 1.595  | ug/l #  | 89       |
| 20) Methylene Chloride      | 4.50  | 84   | 14098    | 9.312  | ug/l    | 96       |
| 43) Isopropyl Acetate       | 8.13  | 43   | 44086    | 10.967 | ug/l    | 100      |

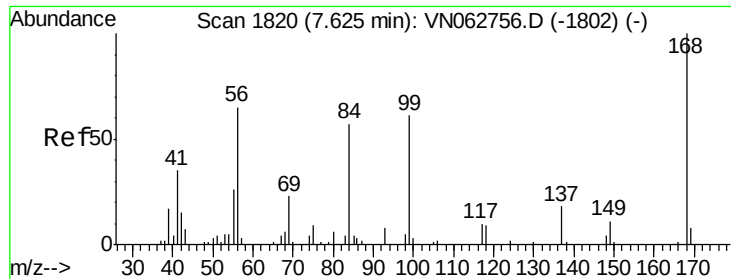
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN080720\  
Data File : VN062790.D  
Acq On : 7 Aug 2020 19:42  
Operator : JC/MD  
Sample : L3594-02  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
TP-1

Quant Time: Aug 08 03:00:58 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N080520W.M  
Quant Title : SW846 8260  
QLast Update : Wed Aug 05 13:26:42 2020  
Response via : Initial Calibration

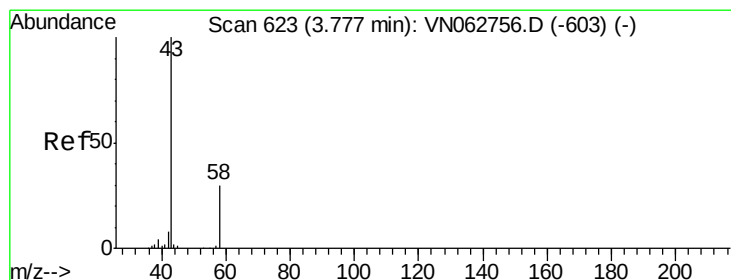
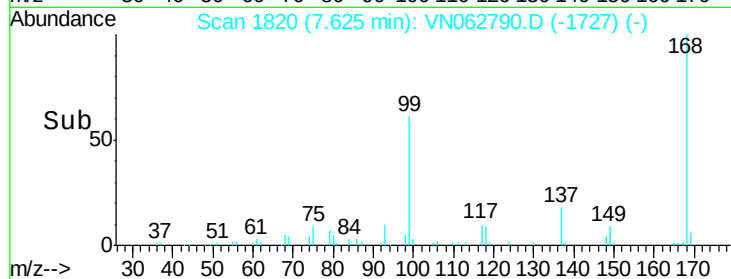
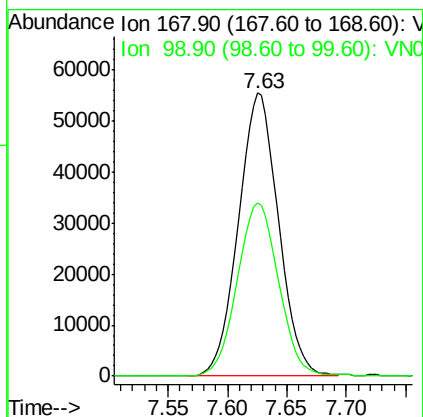
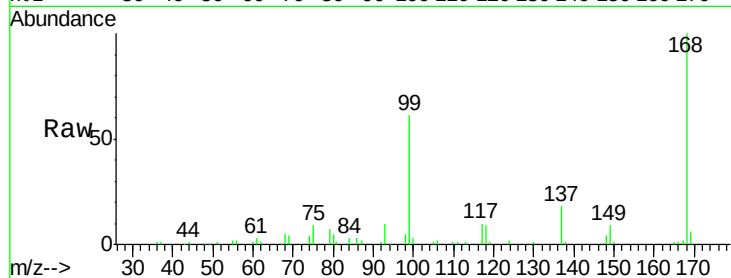




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.63 min Scan# 1820  
Delta R.T. 0.00 min  
Lab File: VN062790.D  
Acq: 7 Aug 2020 19:42

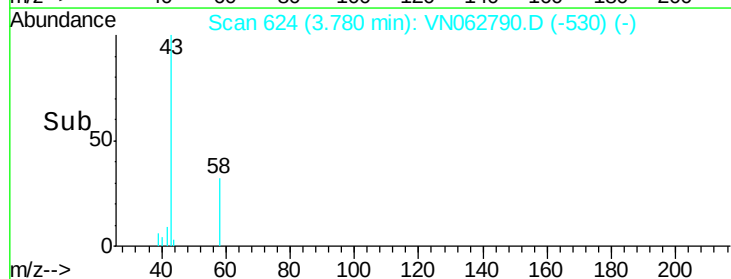
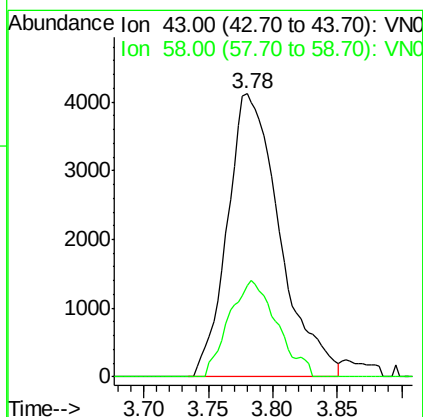
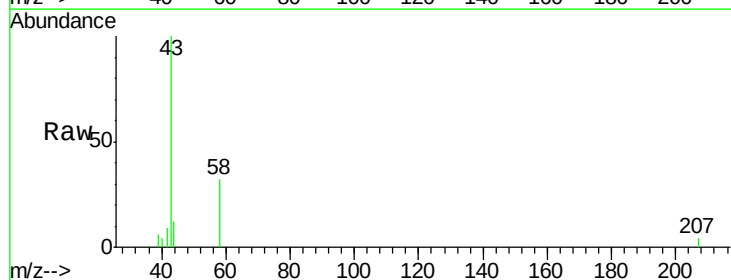
Instrument :  
MSVOA\_N  
ClientSampled :  
TP-1

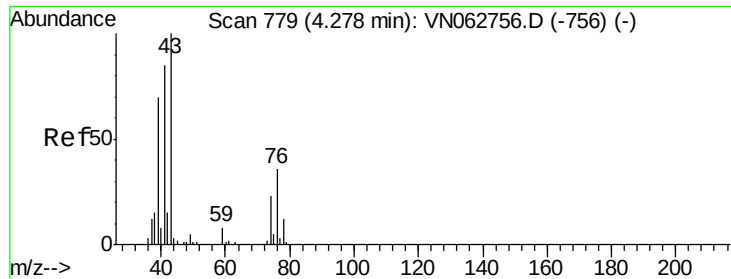
Tot Ion:168 Resp: 129821  
Ion Ratio Lower Upper  
168 100  
99 61.2 52.9 79.3



#16  
Acetone  
Concen: 14.988 ug/l  
RT: 3.78 min Scan# 624  
Delta R.T. 0.00 min  
Lab File: VN062790.D  
Acq: 7 Aug 2020 19:42

Tgt Ion: 43 Resp: 11627  
Ion Ratio Lower Upper  
43 100  
58 32.1 24.1 36.1

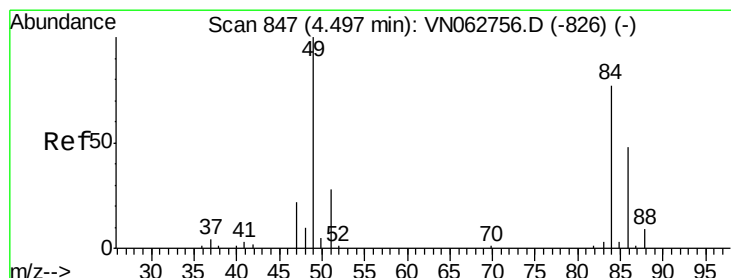
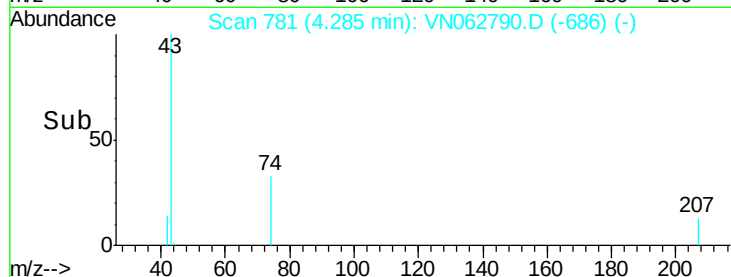
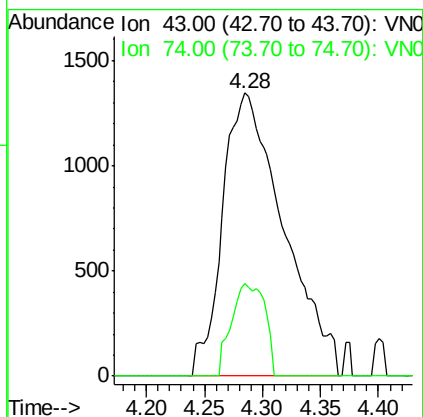
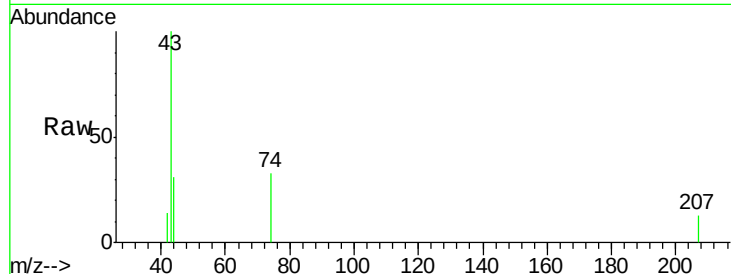




#18  
Methvl Acetate  
Concen: 1.595 ug/l  
RT: 4.28 min Scan# 781  
Delta R.T. 0.01 min  
Lab File: VN062790.D  
Acq: 7 Aug 2020 19:42

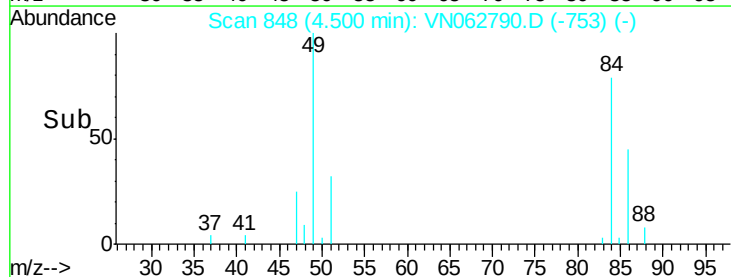
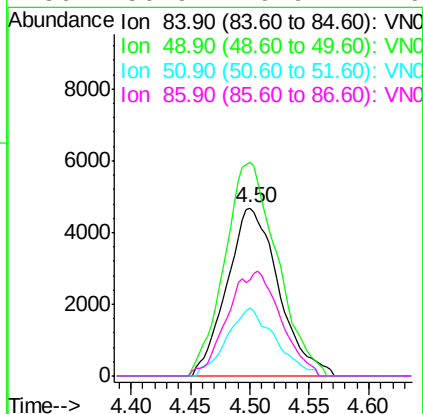
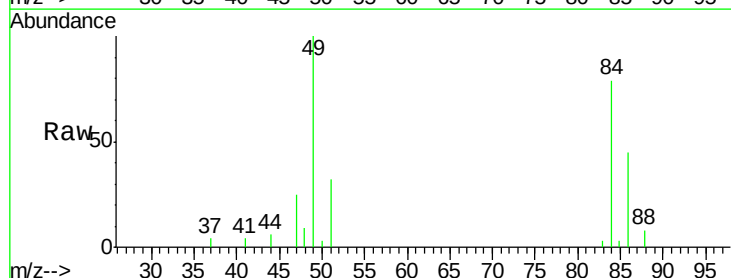
Instrument :  
MSVOA\_N  
ClientSampled :  
TP-1

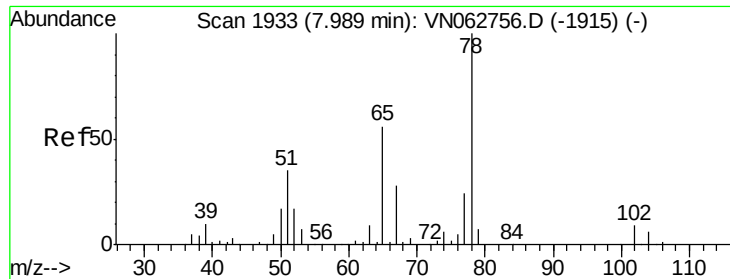
Tot Ion: 43 Resp: 4933  
Ion Ratio Lower Upper  
43 100  
74 17.8 18.6 28.0#



#20  
Methylene Chloride  
Concen: 9.312 ug/l  
RT: 4.50 min Scan# 848  
Delta R.T. 0.00 min  
Lab File: VN062790.D  
Acq: 7 Aug 2020 19:42

Tgt Ion: 84 Resp: 14098  
Ion Ratio Lower Upper  
84 100  
49 126.9 103.4 155.2  
51 40.2 29.3 43.9  
86 56.9 49.9 74.9

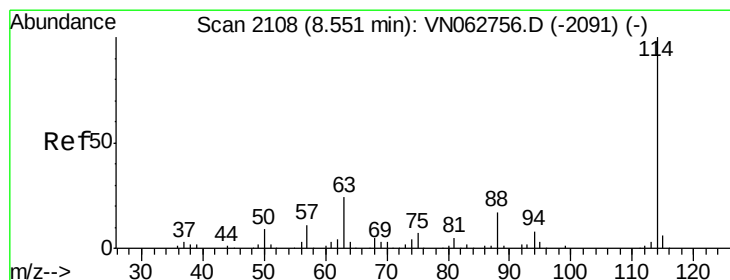
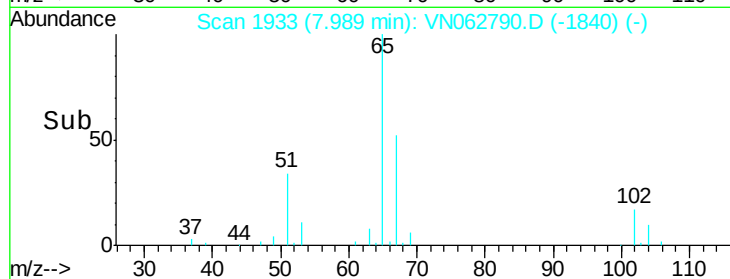
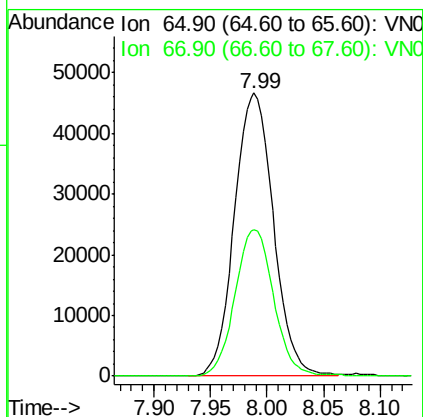
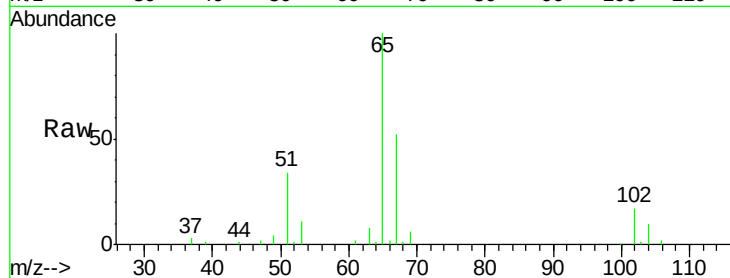




#33  
 1,2-Dichloroethane-d4  
 Concen: 52.246 ug/l  
 RT: 7.99 min Scan# 1933  
 Delta R.T. 0.00 min  
 Lab File: VN062790.D  
 Acq: 7 Aug 2020 19:42

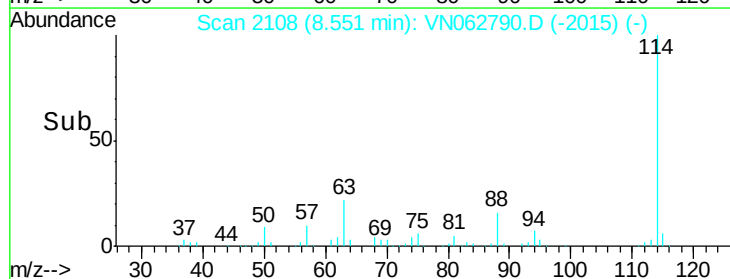
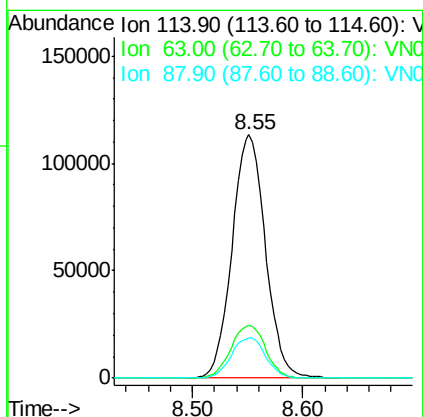
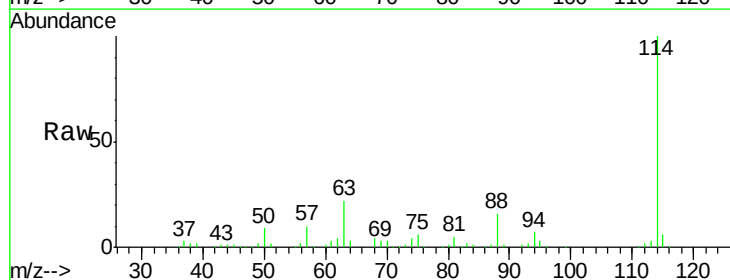
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 TP-1

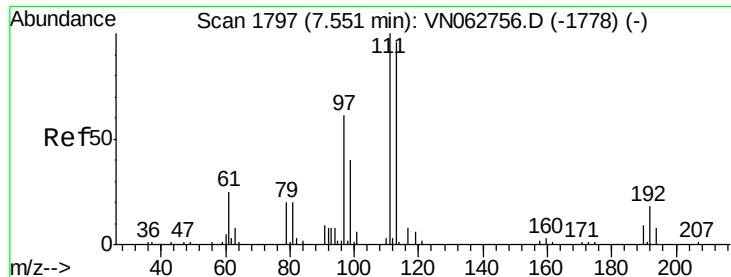
Tot Ion: 65 Resp: 112164  
 Ion Ratio Lower Upper  
 65 100  
 67 51.3 0.0 101.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2108  
 Delta R.T. 0.00 min  
 Lab File: VN062790.D  
 Acq: 7 Aug 2020 19:42

Tgt Ion: 114 Resp: 236936  
 Ion Ratio Lower Upper  
 114 100  
 63 21.7 0.0 47.6  
 88 16.4 0.0 34.4

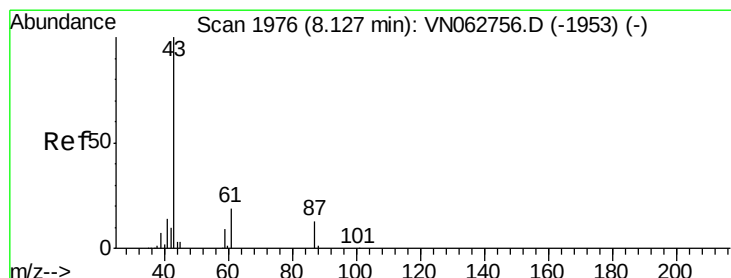
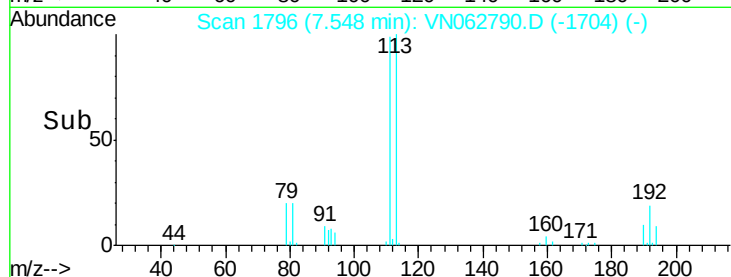
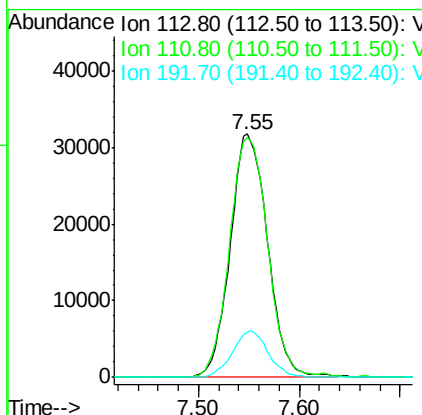
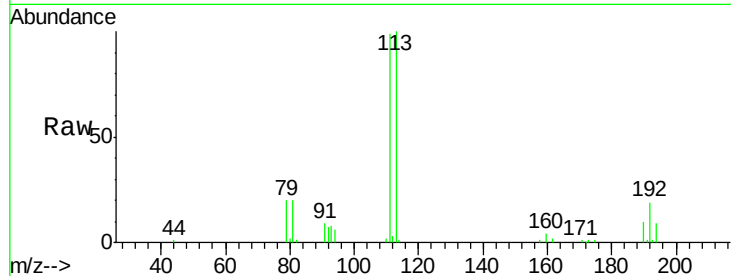




#35  
 Dibromofluoromethane  
 Concen: 50.253 ug/l  
 RT: 7.55 min Scan# 1796  
 Delta R.T. -0.00 min  
 Lab File: VN062790.D  
 Acq: 7 Aug 2020 19:42

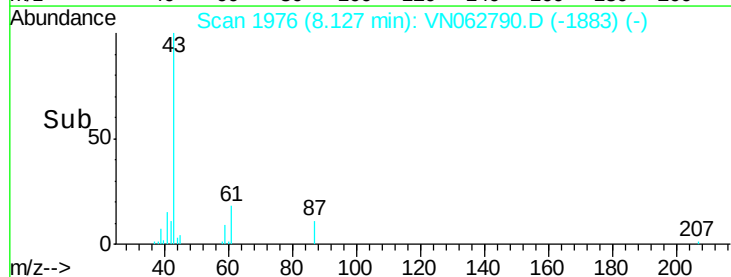
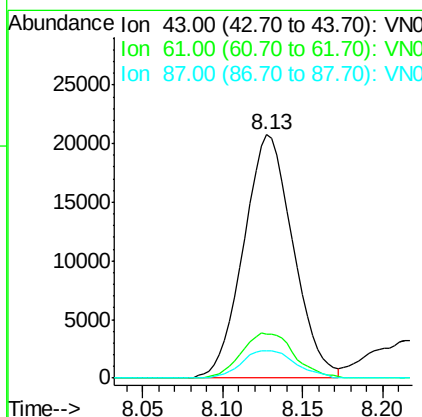
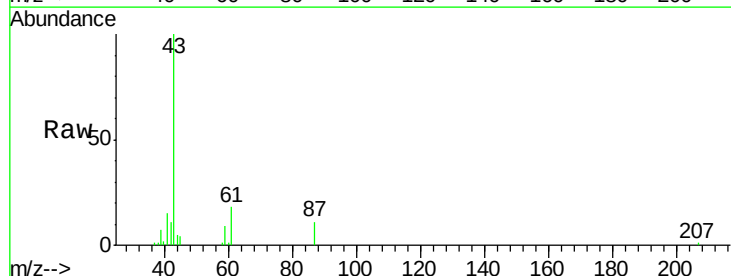
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 TP-1

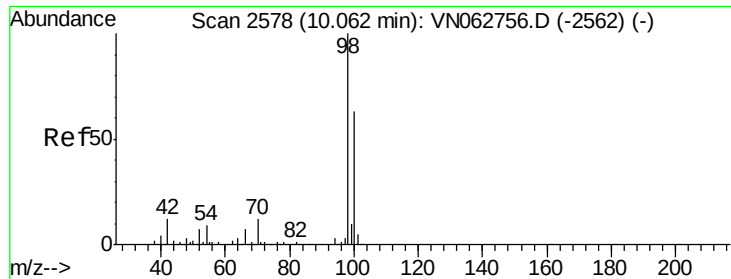
Tot Ion:113 Resp: 81449  
 Ion Ratio Lower Upper  
 113 100  
 111 100.8 81.8 122.6  
 192 18.3 15.0 22.4



#43  
 Isopropyl Acetate  
 Concen: 10.967 ug/l  
 RT: 8.13 min Scan# 1976  
 Delta R.T. 0.00 min  
 Lab File: VN062790.D  
 Acq: 7 Aug 2020 19:42

Tgt Ion: 43 Resp: 44086  
 Ion Ratio Lower Upper  
 43 100  
 61 19.7 15.8 23.6  
 87 12.2 9.9 14.9





#50

Toluene-d8

Concen: 49.346 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062790.D

Acq: 7 Aug 2020 19:42

Instrument :

MSVOA\_N

ClientSampleId :

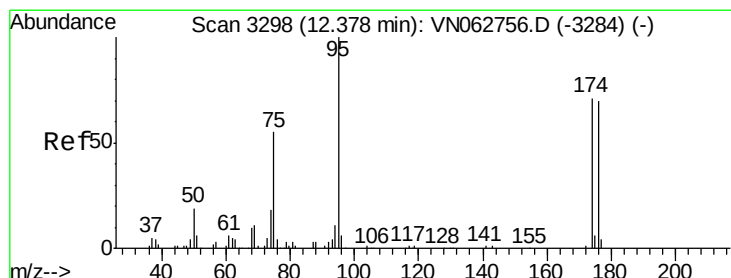
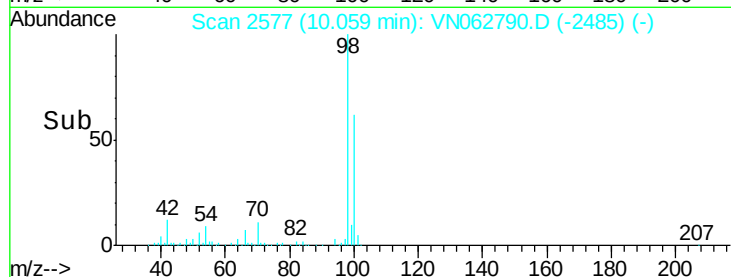
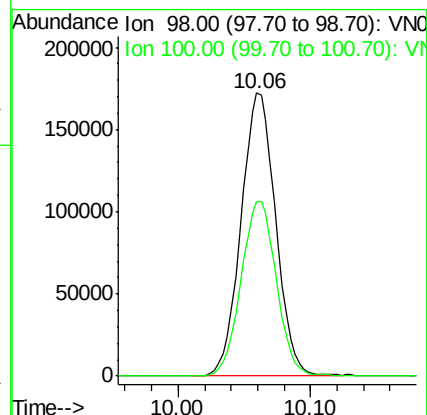
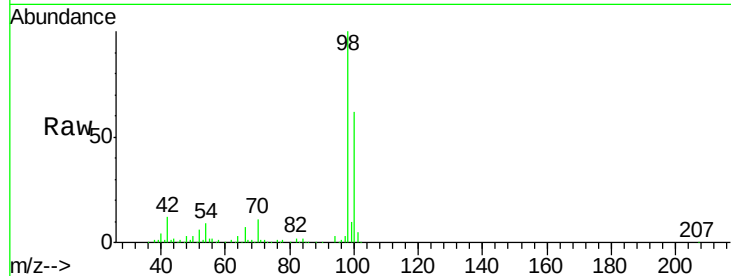
TP-1

Tot Ion: 98 Resp: 312246

Ion Ratio Lower Upper

98 100

100 63.1 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 46.376 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062790.D

Acq: 7 Aug 2020 19:42

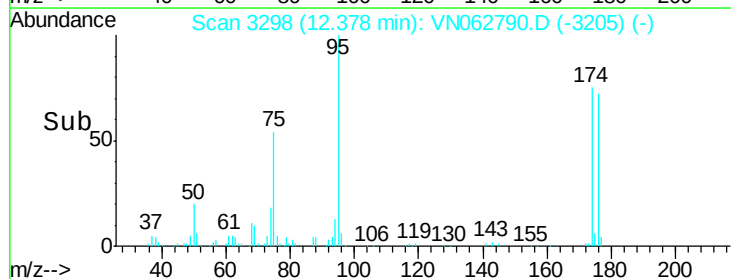
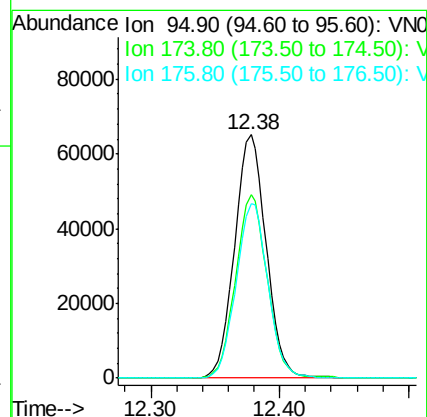
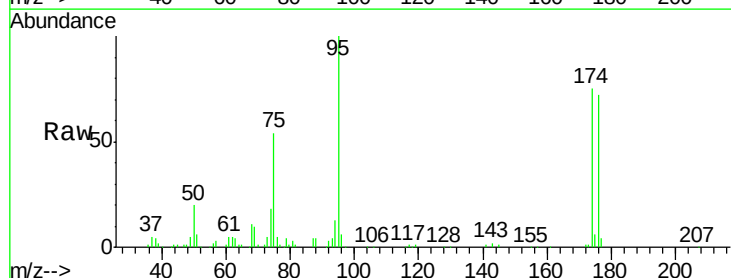
Tgt Ion: 95 Resp: 110895

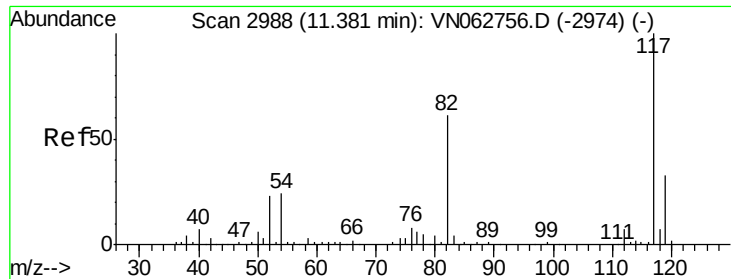
Ion Ratio Lower Upper

95 100

174 75.1 0.0 144.8

176 72.1 0.0 142.2

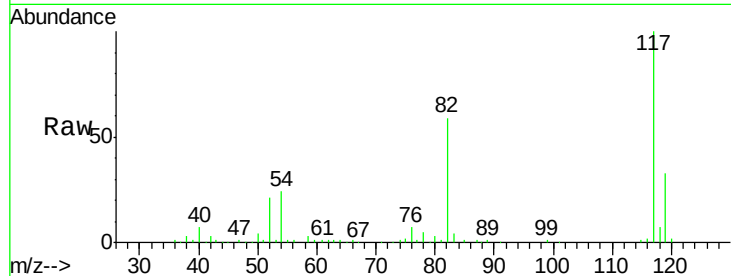




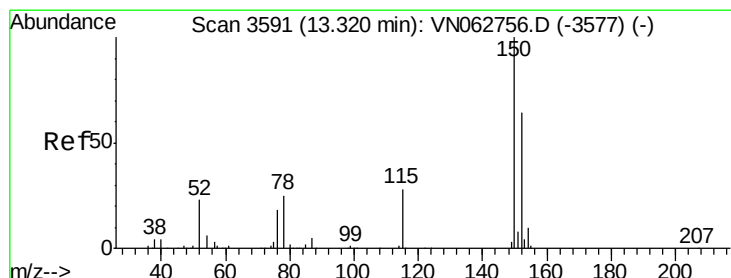
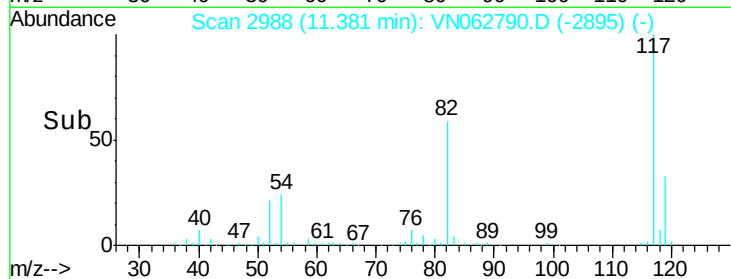
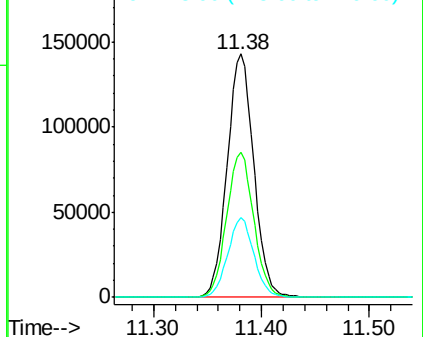
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2988  
Delta R.T. 0.00 min  
Lab File: VN062790.D  
Acq: 7 Aug 2020 19:42

Instrument :  
MSVOA\_N  
ClientSampled :  
TP-1

Tot Ion:117 Resp: 244943  
Ion Ratio Lower Upper  
117 100  
82 59.3 49.0 73.4  
119 32.6 26.2 39.2

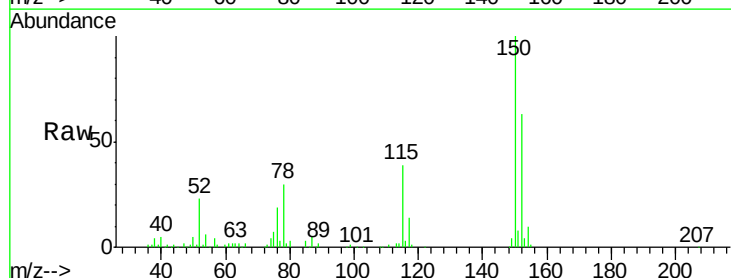


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.32 min Scan# 3591  
Delta R.T. 0.00 min  
Lab File: VN062790.D  
Acq: 7 Aug 2020 19:42

Tgt Ion:152 Resp: 86200  
Ion Ratio Lower Upper  
152 100  
115 63.0 31.6 94.8  
150 157.8 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V

