

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060320\  
 Data File : VN061639.D  
 Acq On : 3 Jun 2020 15:32  
 Operator : JC/MD  
 Sample : L2837-02  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 SP

Quant Time: Jun 04 08:21:32 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N052820W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 29 02:14:10 2020  
 Response via : Initial Calibration

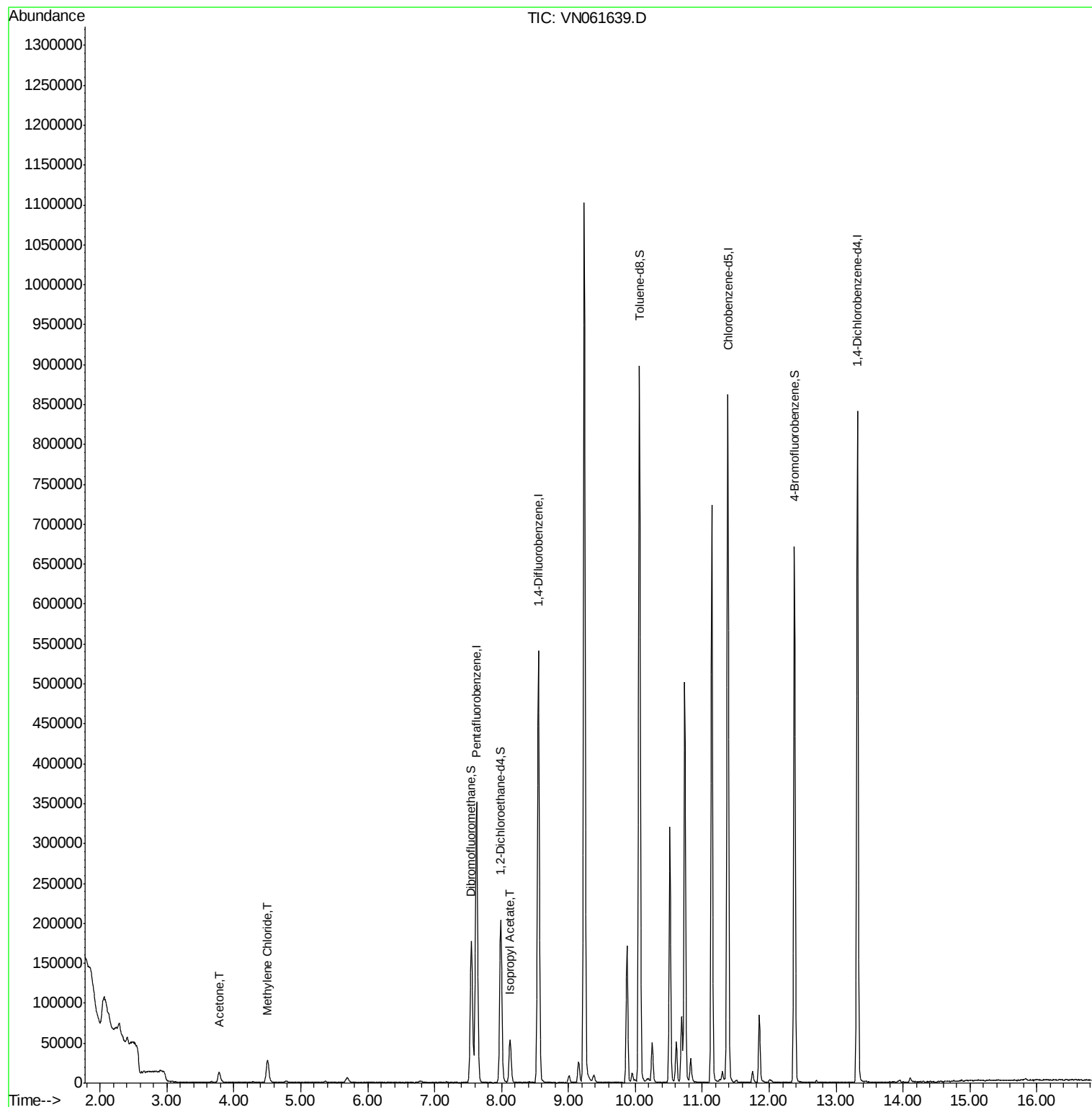
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 7.63  | 168  | 293005   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.55  | 114  | 513933   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.38 | 117  | 530860   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.32 | 152  | 237128   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 7.99  | 65   | 175097   | 50.16  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 100.32% |          |
| 35) Dibromofluoromethane    | 7.55  | 113  | 135341   | 51.91  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 103.82% |          |
| 50) Toluene-d8              | 10.06 | 98   | 637122   | 52.73  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 105.46% |          |
| 62) 4-Bromofluorobenzene    | 12.38 | 95   | 236631   | 53.68  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 107.36% |          |
| Target Compounds            |       |      |          |        |         |          |
| 16) Acetone                 | 3.78  | 43   | 21749    | 16.822 | ug/l    | 93       |
| 20) Methylene Chloride      | 4.51  | 84   | 23214    | 5.777  | ug/l    | 90       |
| 43) Isopropyl Acetate       | 8.13  | 43   | 62390    | 9.463  | ug/l #  | 91       |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN060320\  
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Instrument :  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N052820W.M  
Quant Title : SW846 8260  
QLast Update : Fri May 29 02:14:10 2020  
Response via : Initial Calibration

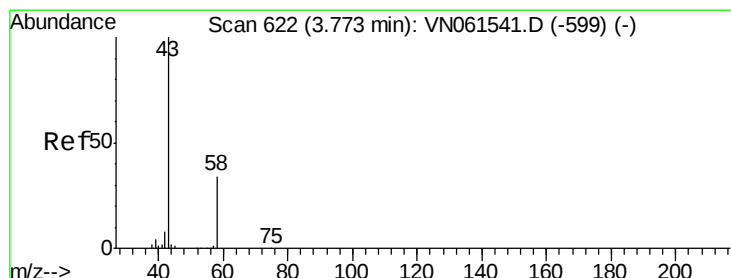
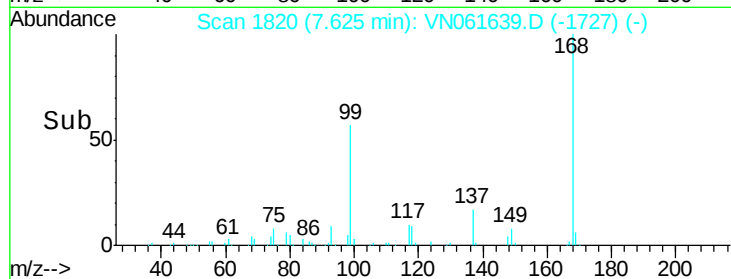
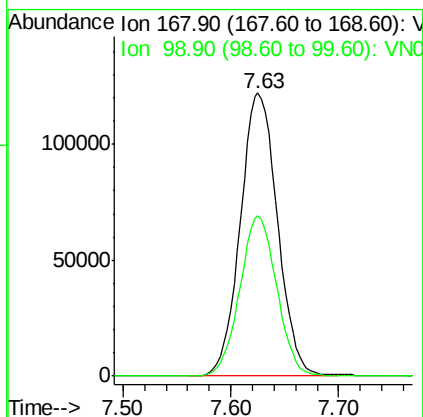
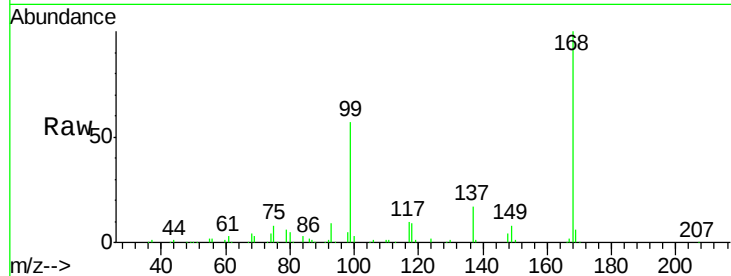




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.63 min Scan# 1820  
Delta R.T. 0.00 min  
Lab File: VN061639.D  
Acq: 3 Jun 2020 15:32

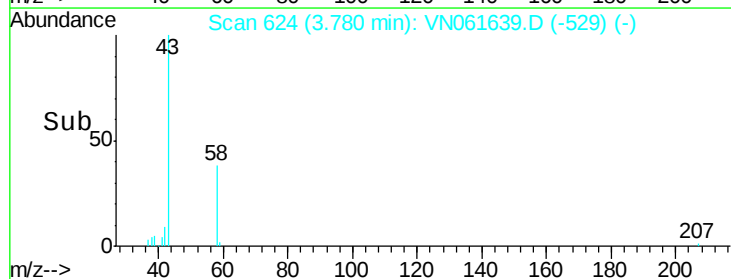
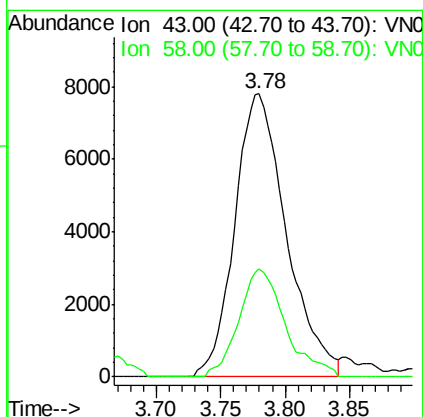
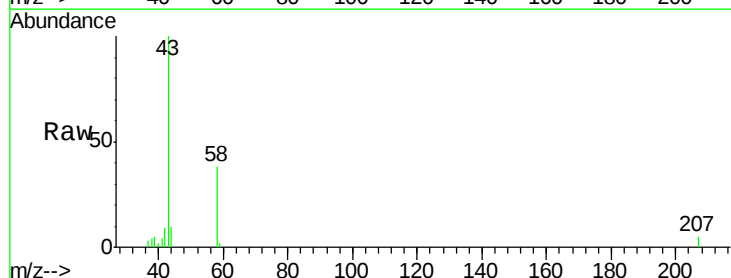
Instrument :  
MSVOA\_N  
ClientSampleId :  
SP

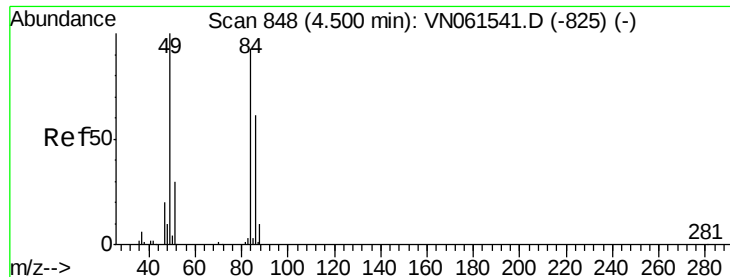
Tot Ion:168 Resp: 293005  
Ion Ratio Lower Upper  
168 100  
99 56.9 45.0 67.4



#16  
Acetone  
Concen: 16.822 ug/l  
RT: 3.78 min Scan# 624  
Delta R.T. 0.01 min  
Lab File: VN061639.D  
Acq: 3 Jun 2020 15:32

Tgt Ion: 43 Resp: 21749  
Ion Ratio Lower Upper  
43 100  
58 38.1 27.2 40.8

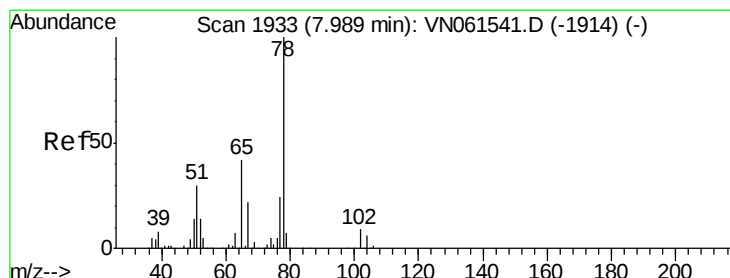
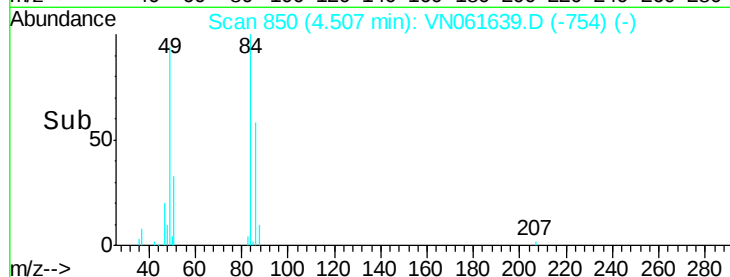
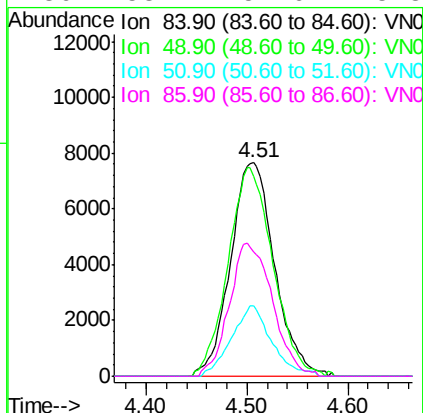
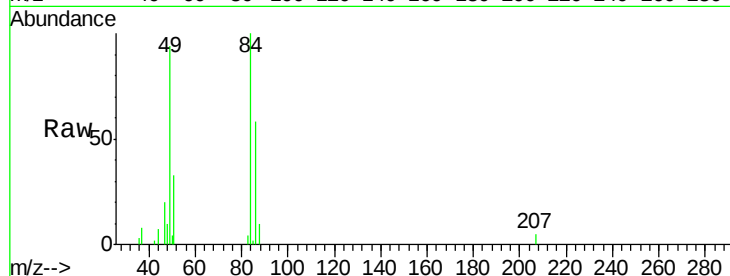




#20  
Methvlene Chloride  
Concen: 5.777 ug/l  
RT: 4.51 min Scan# 850  
Delta R.T. 0.01 min  
Lab File: VN061639.D  
Acq: 3 Jun 2020 15:32

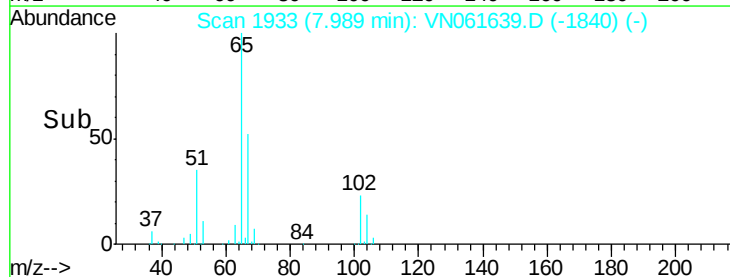
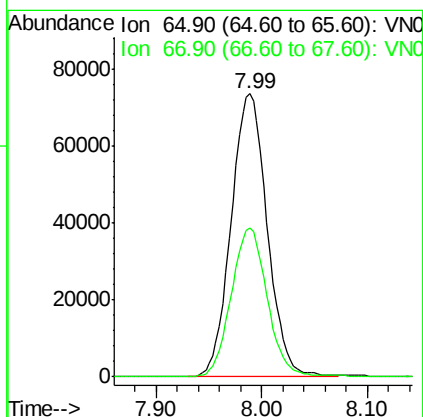
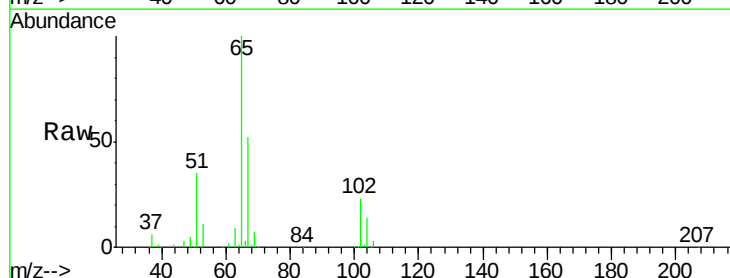
Instrument :  
MSVOA\_N  
ClientSampled :  
SP

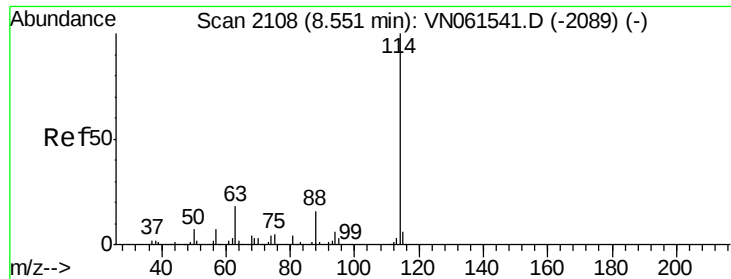
| Tot Ion: | 84    | Resp: | 23214 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 93.7  | 85.8  | 128.8 |
| 51       | 33.1  | 26.2  | 39.2  |
| 86       | 58.4  | 52.6  | 78.8  |



#33  
1,2-Dichloroethane-d4  
Concen: 50.157 ug/l  
RT: 7.99 min Scan# 1933  
Delta R.T. 0.00 min  
Lab File: VN061639.D  
Acq: 3 Jun 2020 15:32

| Tgt Ion: | 65    | Resp: | 175097 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 67       | 52.2  | 0.0   | 104.8  |

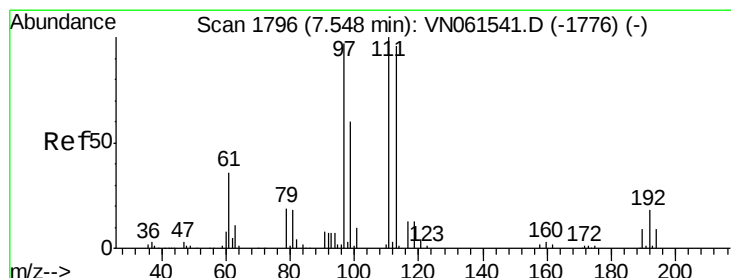
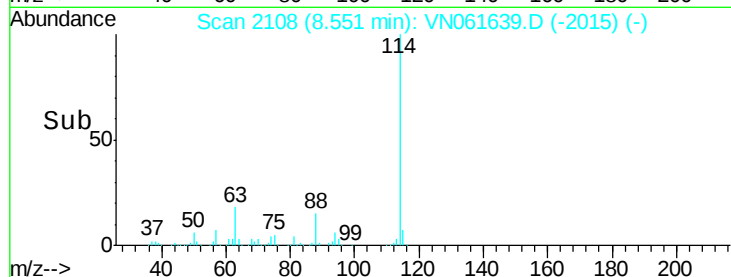
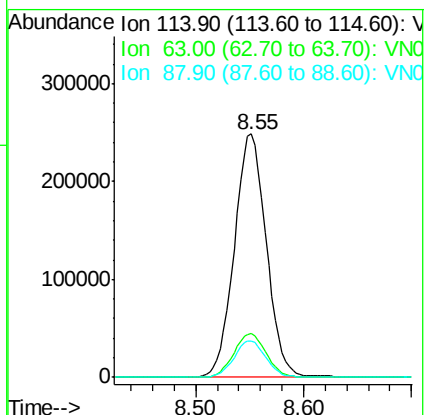
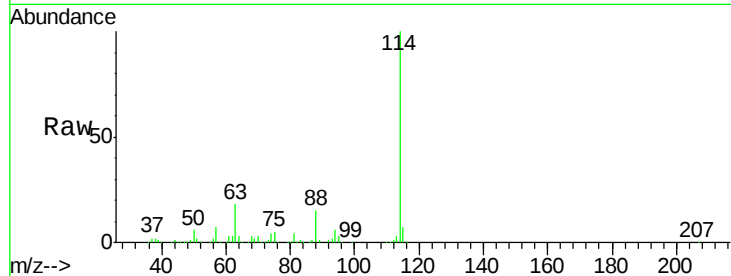




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2108  
 Delta R.T. 0.00 min  
 Lab File: VN061639.D  
 Acq: 3 Jun 2020 15:32

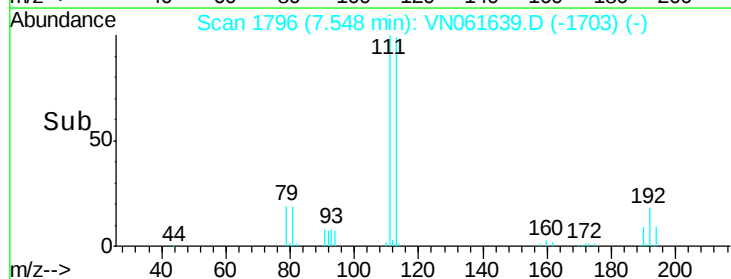
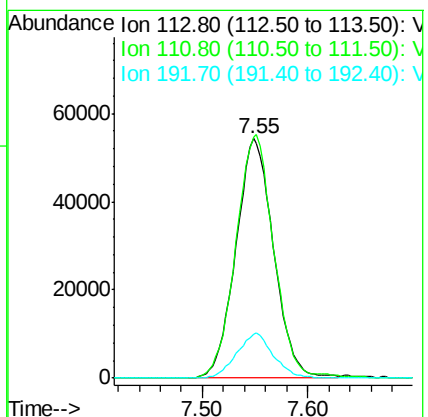
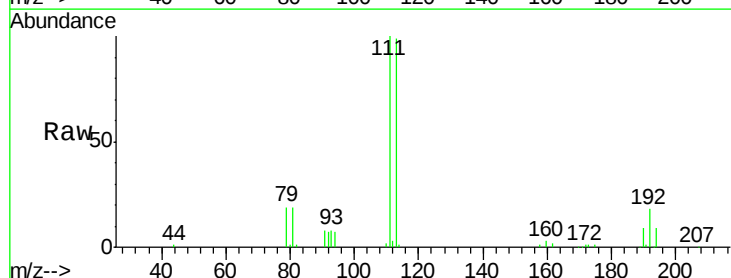
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 SP

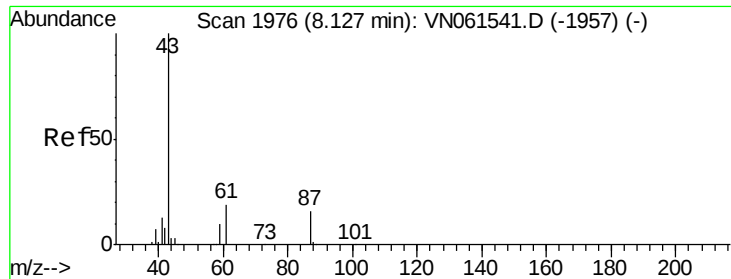
Tot Ion:114 Resp: 513933  
 Ion Ratio Lower Upper  
 114 100  
 63 17.8 0.0 35.8  
 88 15.1 0.0 31.0



#35  
 Dibromofluoromethane  
 Concen: 51.913 ug/l  
 RT: 7.55 min Scan# 1796  
 Delta R.T. 0.00 min  
 Lab File: VN061639.D  
 Acq: 3 Jun 2020 15:32

Tgt Ion:113 Resp: 135341  
 Ion Ratio Lower Upper  
 113 100  
 111 101.8 83.4 125.0  
 192 18.1 15.4 23.2

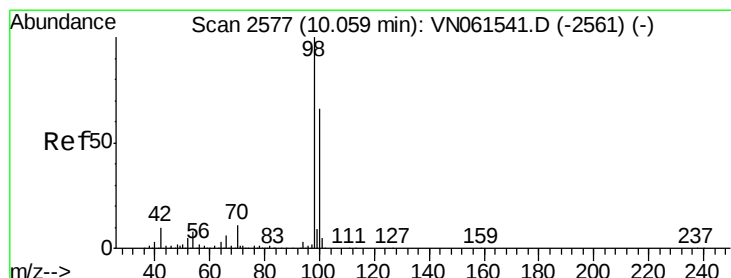
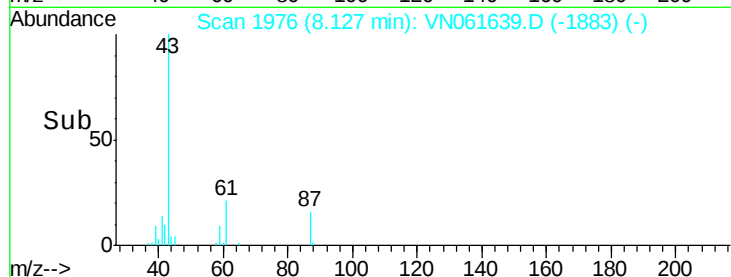
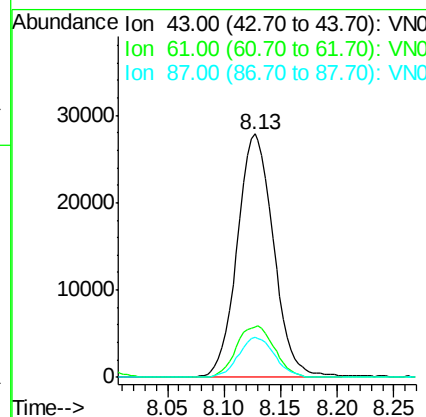
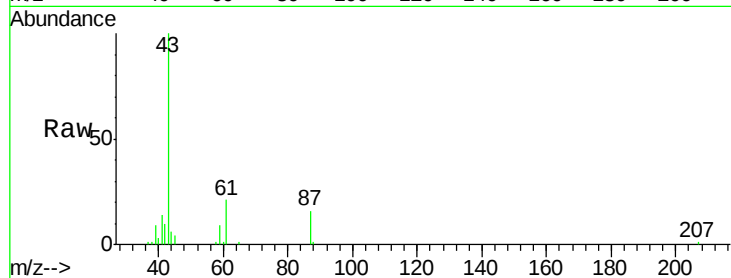




#43  
Isopropyl Acetate  
Concen: 9.463 ug/l  
RT: 8.13 min Scan# 1976  
Delta R.T. 0.00 min  
Lab File: VN061639.D  
Acq: 3 Jun 2020 15:32

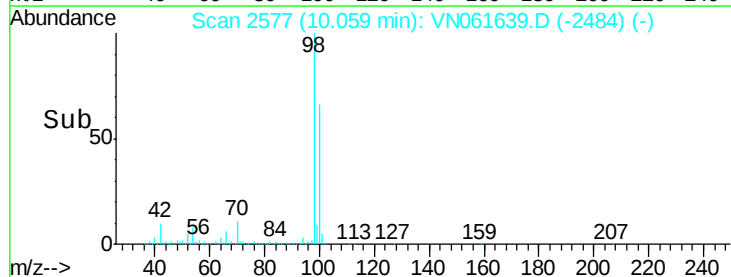
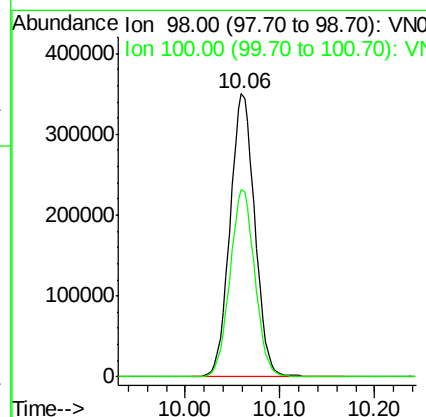
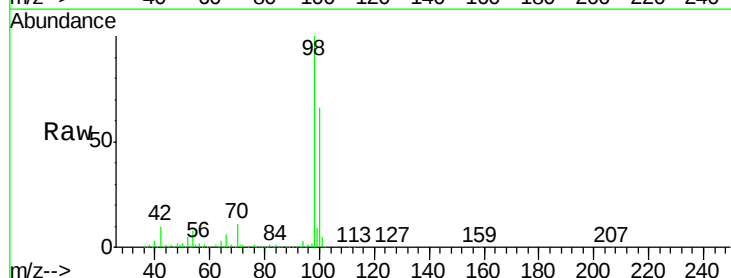
Instrument :  
MSVOA\_N  
ClientSampleId :  
SP

Tot Ion: 43 Resp: 62390  
Ion Ratio Lower Upper  
43 100  
61 22.0 23.6 35.4#  
87 16.3 13.0 19.6



#50  
Toluene-d8  
Concen: 52.735 ug/l  
RT: 10.06 min Scan# 2577  
Delta R.T. 0.00 min  
Lab File: VN061639.D  
Acq: 3 Jun 2020 15:32

Tgt Ion: 98 Resp: 637122  
Ion Ratio Lower Upper  
98 100  
100 66.4 52.8 79.2

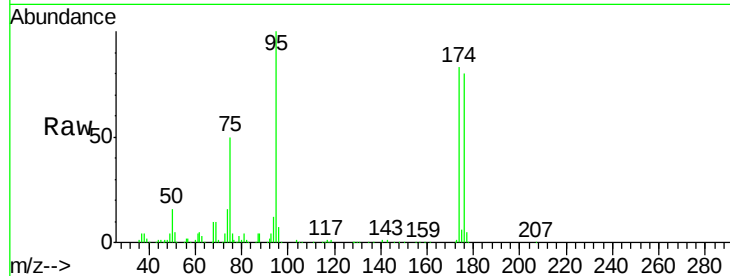




#62  
 4-Bromofluorobenzene  
 Concen: 53.685 ug/l  
 RT: 12.38 min Scan# 3298  
 Delta R.T. 0.00 min  
 Lab File: VN061639.D  
 Acq: 3 Jun 2020 15:32

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 SP

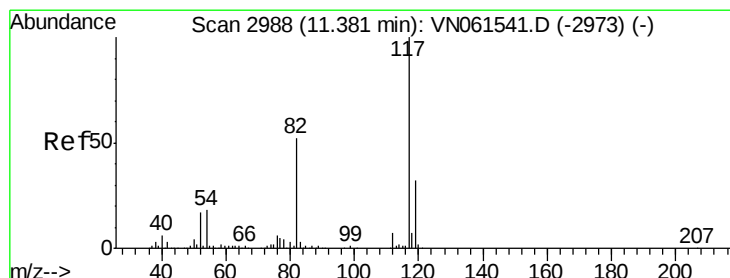
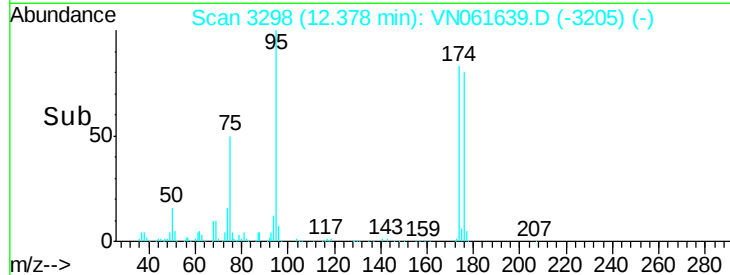
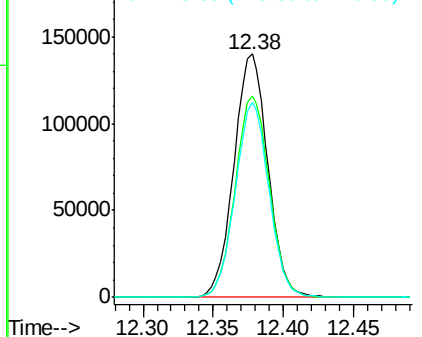
| Tot Ion   | 95    | Resp  | 236631 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 95        | 100   |       |        |
| 174       | 83.8  | 0.0   | 172.8  |
| 176       | 79.4  | 0.0   | 164.8  |



Abundance Ion 94.90 (94.60 to 95.60): VN061541.D (-3283) (-)

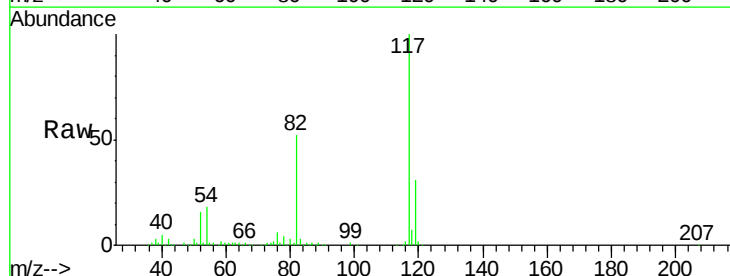
Ion 173.80 (173.50 to 174.50): VN061541.D (-3283) (-)

Ion 175.80 (175.50 to 176.50): VN061541.D (-3283) (-)



#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.38 min Scan# 2988  
 Delta R.T. 0.00 min  
 Lab File: VN061639.D  
 Acq: 3 Jun 2020 15:32

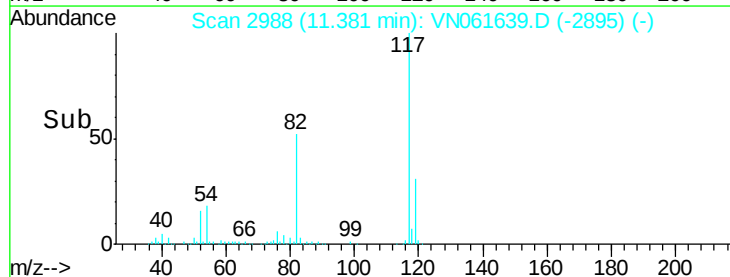
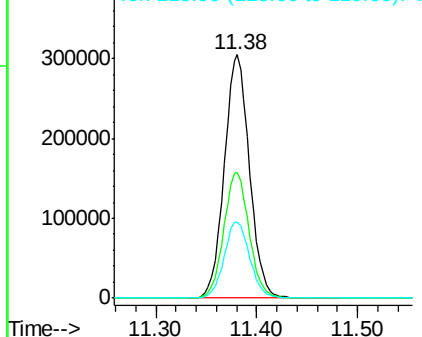
| Tgt Ion   | 117   | Resp  | 530860 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 82        | 51.7  | 41.5  | 62.3   |
| 119       | 31.4  | 25.6  | 38.4   |

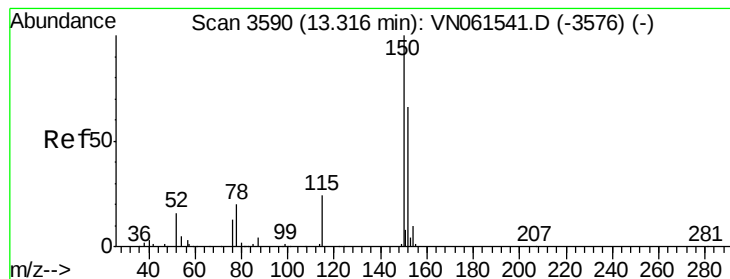


Abundance Ion 116.90 (116.60 to 117.60): VN061541.D (-2973) (-)

Ion 82.00 (81.70 to 82.70): VN061541.D (-2973) (-)

Ion 118.90 (118.60 to 119.60): VN061541.D (-2973) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061639.D

Acq: 3 Jun 2020 15:32

Instrument :

MSVOA\_N

ClientSampleId :

SP

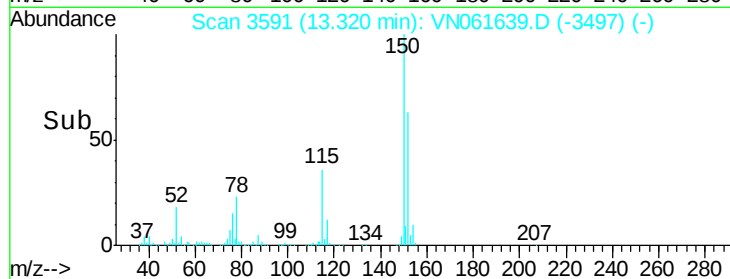
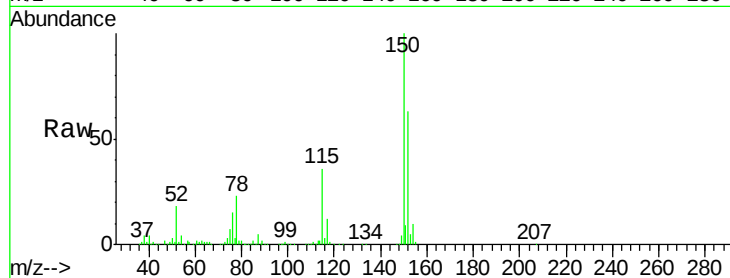
Tot Ion:152 Resp: 237128

Ion Ratio Lower Upper

152 100

115 57.7 28.0 84.0

150 158.9 0.0 344.0



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

