

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD022822\  
 Data File : VD072127.D  
 Acq On : 28 Feb 2022 17:22  
 Operator : VA/SY  
 Sample : N1711-01  
 Misc : 5.01G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 NB-07-022822

Quant Time: Mar 01 08:13:58 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D021822S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Feb 19 04:05:38 2022  
 Response via : Initial Calibration

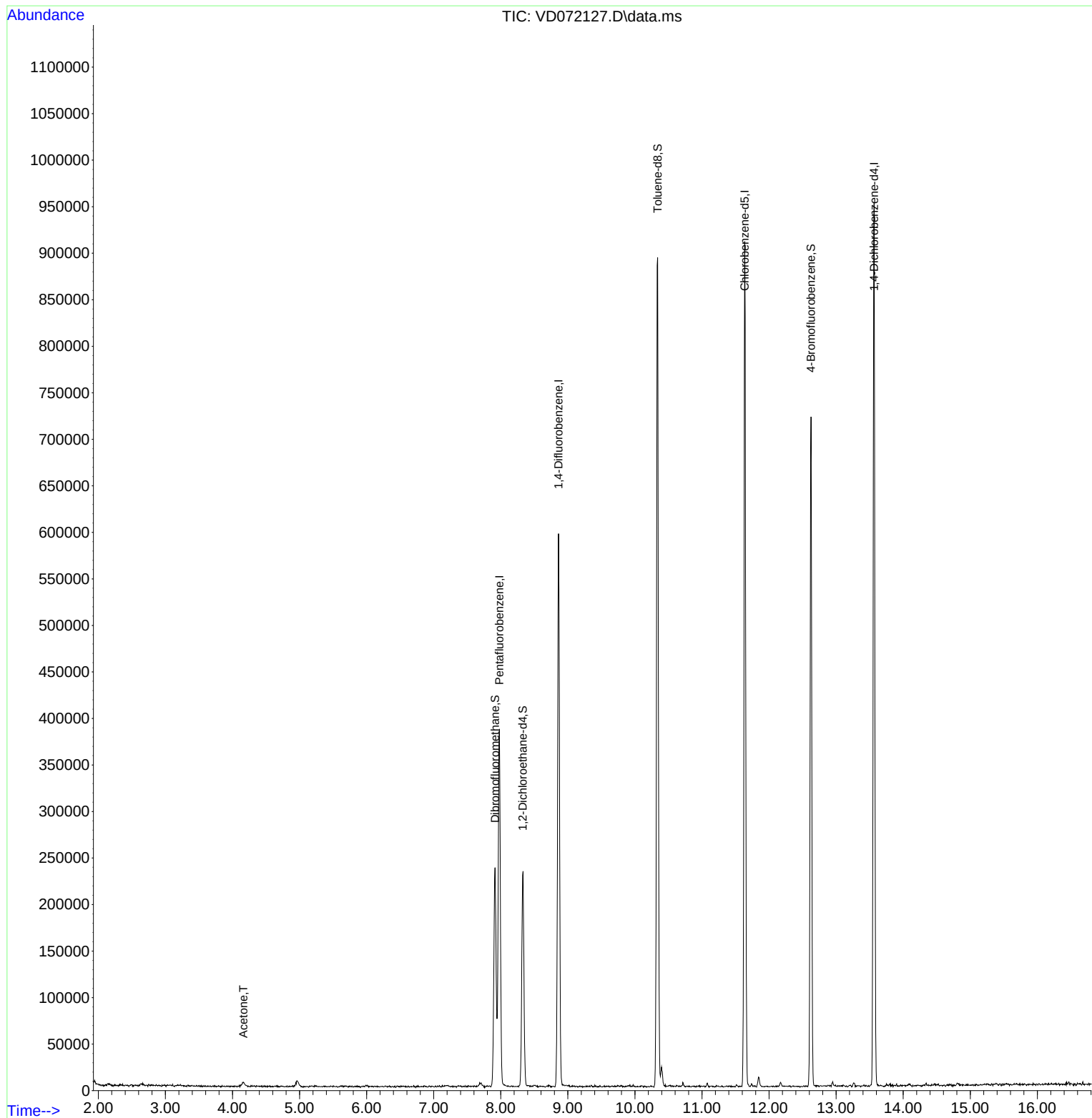
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|------------|-----------|
| -----                       |        |       |          |          |            |           |
| Internal Standards          |        |       |          |          |            |           |
| 1) Pentafluorobenzene       | 7.979  | 168   | 280174   | 50.000   | ug/l       | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.861  | 114   | 495798   | 50.000   | ug/l       | 0.00      |
| 63) Chlorobenzene-d5        | 11.637 | 117   | 516277   | 50.000   | ug/l       | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.567 | 152   | 256450   | 50.000   | ug/l       | 0.00      |
| System Monitoring Compounds |        |       |          |          |            |           |
| 33) 1,2-Dichloroethane-d4   | 8.326  | 65    | 185644   | 63.878   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 127.760% |           |
| 35) Dibromofluoromethane    | 7.914  | 113   | 170535   | 56.771   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 113.540% |           |
| 50) Toluene-d8              | 10.337 | 98    | 618616   | 55.533   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 111.060% |           |
| 62) 4-Bromofluorobenzene    | 12.626 | 95    | 243308   | 59.461   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 118.920% |           |
| Target Compounds            |        |       |          |          |            |           |
| 16) Acetone                 | 4.161  | 43    | 8734     | 13.906   | ug/l       | Qvalue 99 |
| -----                       |        |       |          |          |            |           |

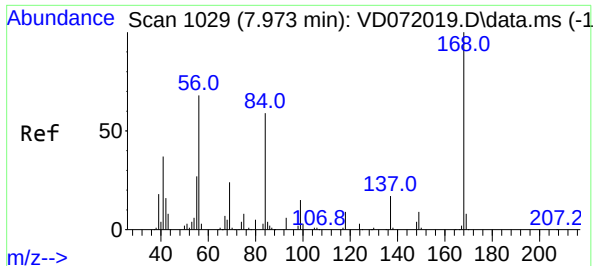
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD022822\  
Data File : VD072127.D  
Acq On : 28 Feb 2022 17:22  
Operator : VA/SY  
Sample : N1711-01  
Misc : 5.01G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
NB-07-022822

Quant Time: Mar 01 08:13:58 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D021822S.M  
Quant Title : SW846 8260  
QLast Update : Sat Feb 19 04:05:38 2022  
Response via : Initial Calibration

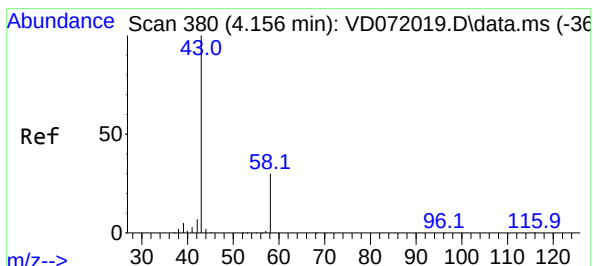
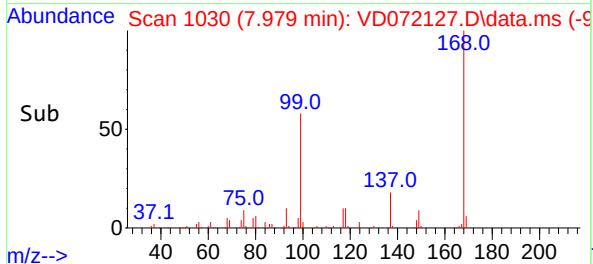
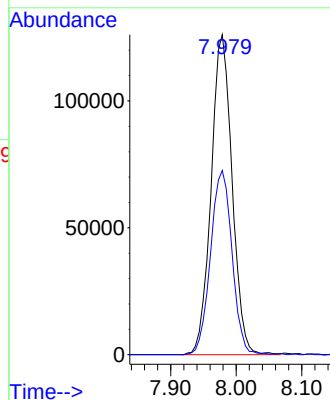
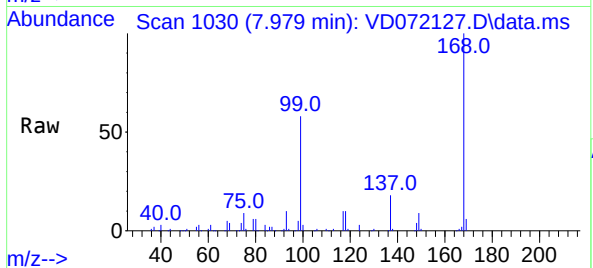




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.979 min Scan# 1029  
Delta R.T. 0.006 min  
Lab File: VD072127.D  
Acq: 28 Feb 2022 17:22

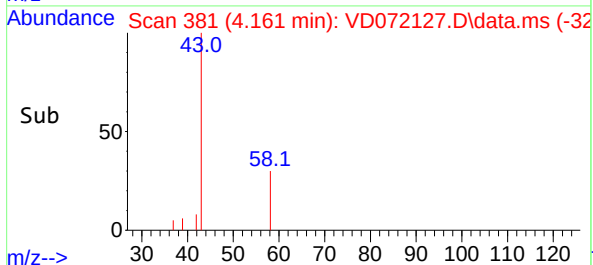
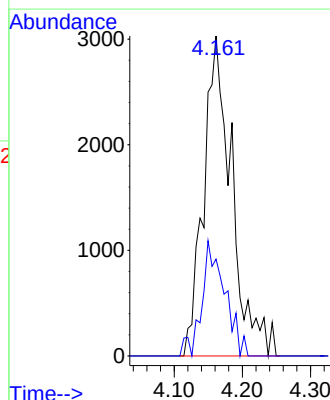
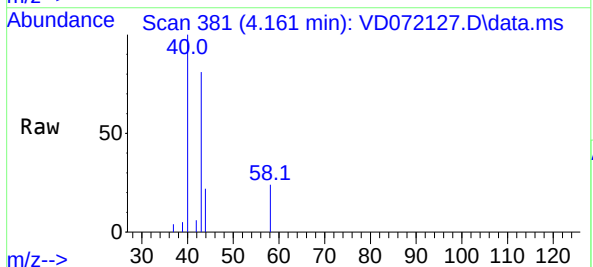
Instrument :  
MSVOA\_D  
ClientSampleId :  
NB-07-022822

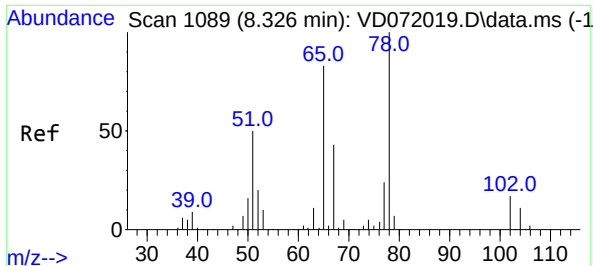
Tgt Ion:168 Resp: 280174  
Ion Ratio Lower Upper  
168 100  
99 57.5 47.1 70.7



#16  
Acetone  
Concen: 13.906 ug/l  
RT: 4.161 min Scan# 381  
Delta R.T. 0.005 min  
Lab File: VD072127.D  
Acq: 28 Feb 2022 17:22

Tgt Ion: 43 Resp: 8734  
Ion Ratio Lower Upper  
43 100  
58 30.3 23.8 35.6





#33

1,2-Dichloroethane-d4

Concen: 63.878 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072127.D

Acq: 28 Feb 2022 17:22

Instrument :

MSVOA\_D

ClientSampleId :

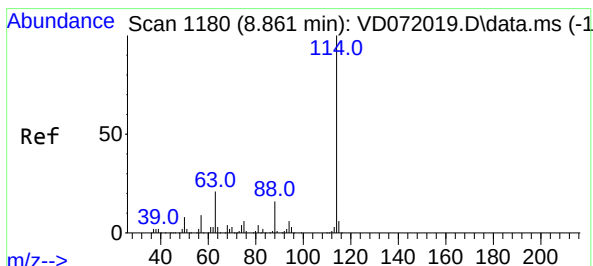
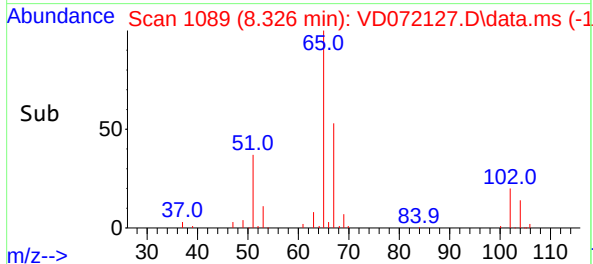
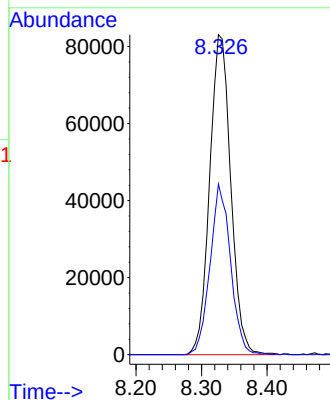
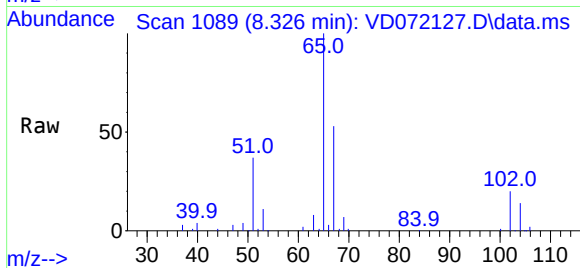
NB-07-022822

Tgt Ion: 65 Resp: 185644

Ion Ratio Lower Upper

65 100

67 51.7 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072127.D

Acq: 28 Feb 2022 17:22

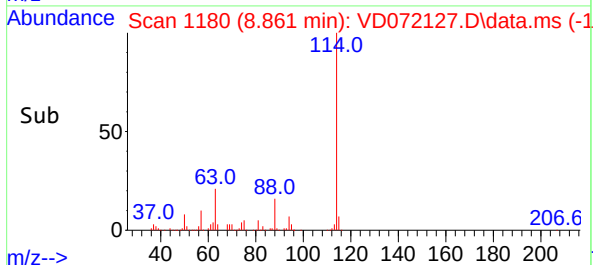
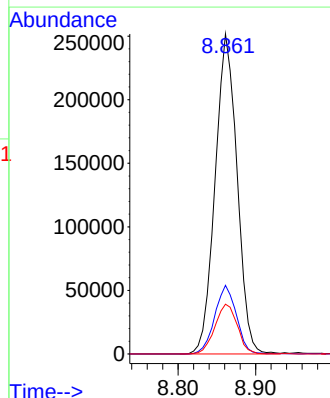
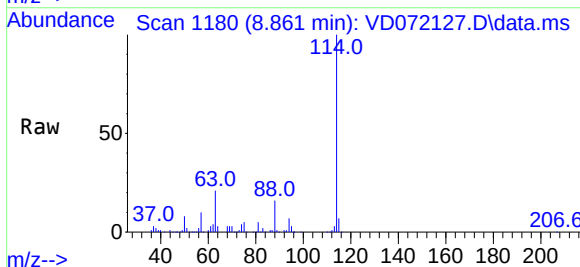
Tgt Ion: 114 Resp: 495798

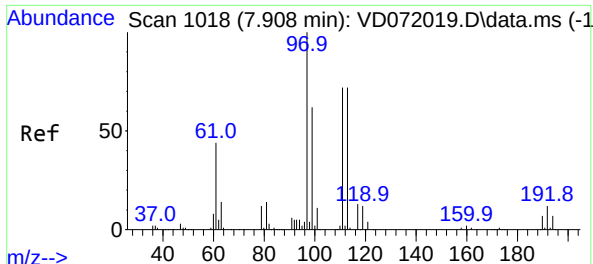
Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.2

88 15.6 0.0 31.2

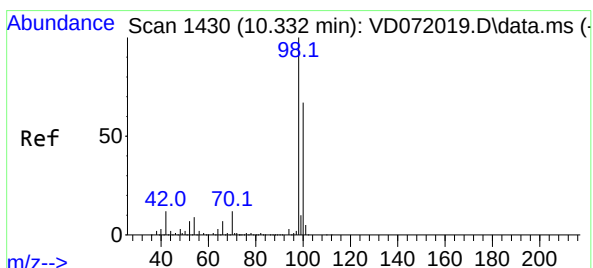
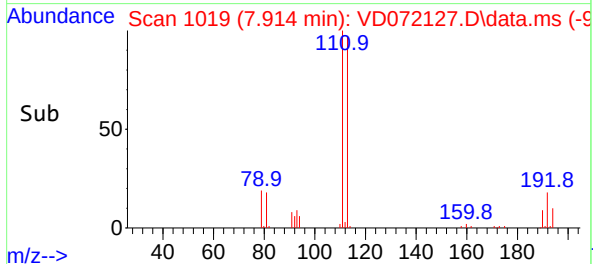
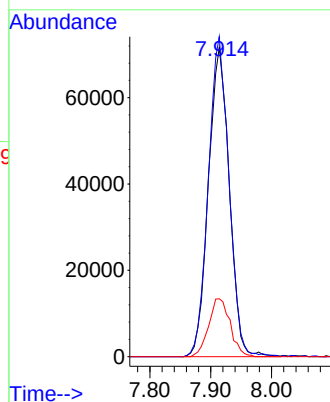
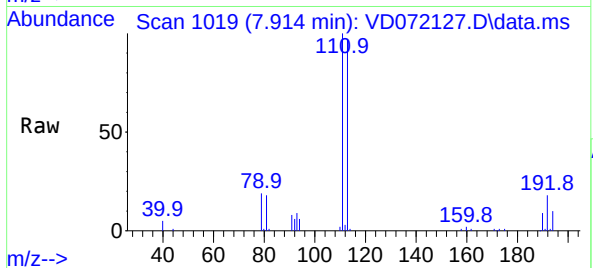




#35  
Dibromofluoromethane  
Concen: 56.771 ug/l  
RT: 7.914 min Scan# 1018  
Delta R.T. 0.006 min  
Lab File: VD072127.D  
Acq: 28 Feb 2022 17:22

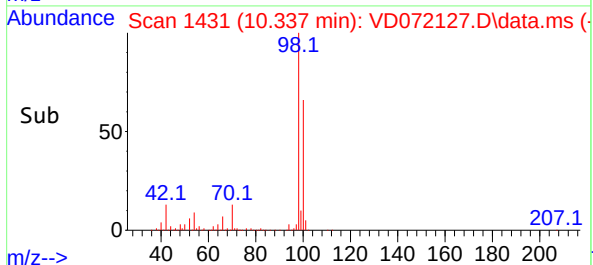
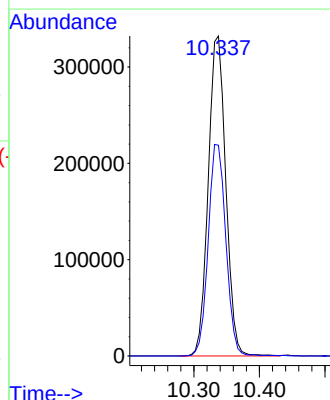
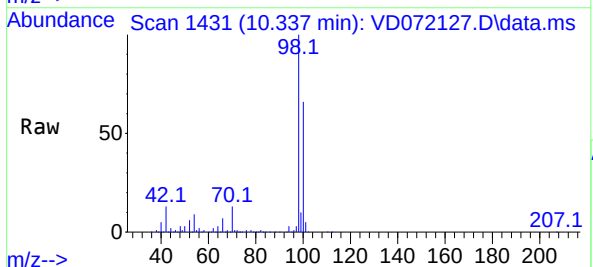
Instrument :  
MSVOA\_D  
ClientSampleId :  
NB-07-022822

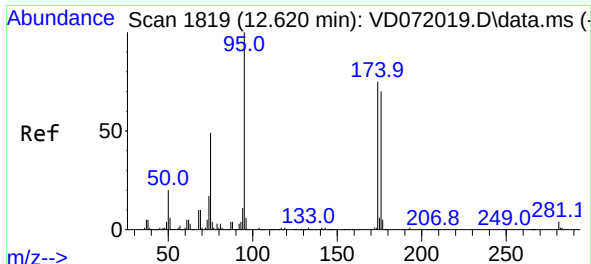
Tgt Ion:113 Resp: 170535  
Ion Ratio Lower Upper  
113 100  
111 102.3 83.0 124.4  
192 19.3 15.3 22.9



#50  
Toluene-d8  
Concen: 55.533 ug/l  
RT: 10.337 min Scan# 1431  
Delta R.T. 0.006 min  
Lab File: VD072127.D  
Acq: 28 Feb 2022 17:22

Tgt Ion: 98 Resp: 618616  
Ion Ratio Lower Upper  
98 100  
100 66.4 53.8 80.6



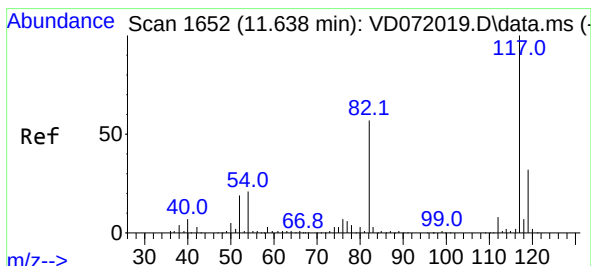
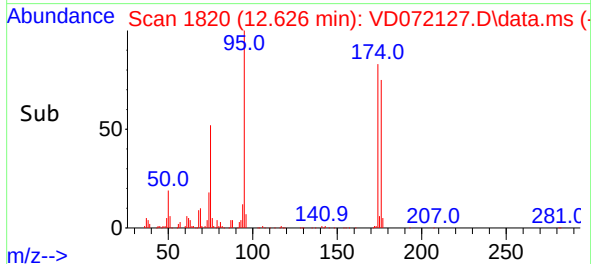
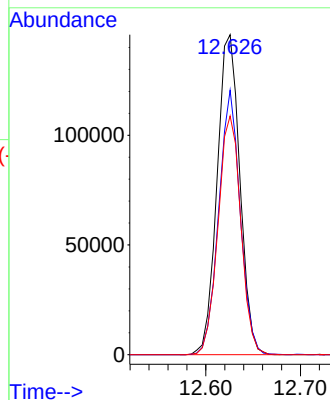
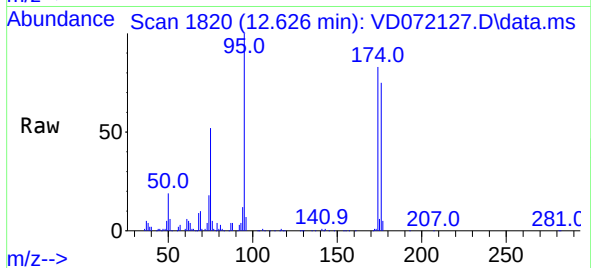


#62  
4-Bromofluorobenzene  
Concen: 59.461 ug/l  
RT: 12.626 min Scan# 1819  
Delta R.T. 0.006 min  
Lab File: VD072127.D  
Acq: 28 Feb 2022 17:22

Instrument : MSVOA\_D  
ClientSampleId : NB-07-022822

Tgt Ion: 95 Resp: 243308

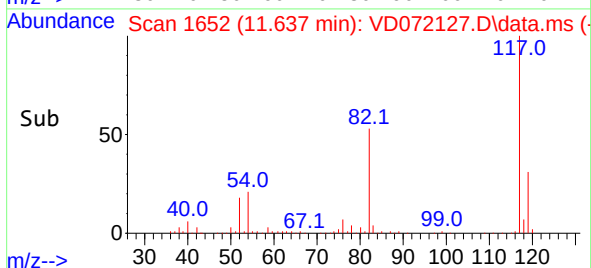
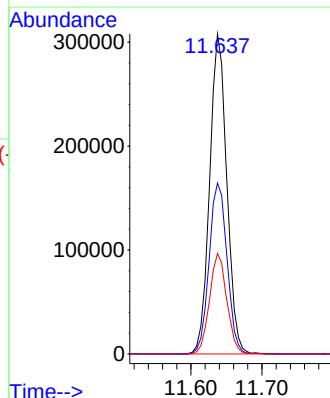
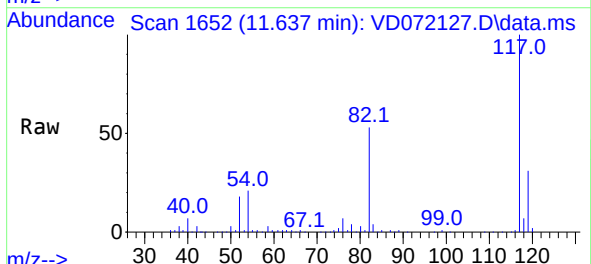
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 174 | 78.1  | 0.0   | 155.0 |
| 176 | 74.5  | 0.0   | 148.8 |

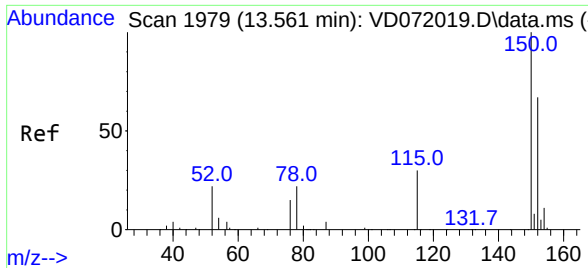


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.637 min Scan# 1652  
Delta R.T. -0.000 min  
Lab File: VD072127.D  
Acq: 28 Feb 2022 17:22

Tgt Ion: 117 Resp: 516277

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 82  | 53.4  | 45.4  | 68.0  |
| 119 | 31.4  | 25.4  | 38.2  |





#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.567 min Scan# 1979  
Delta R.T. 0.006 min  
Lab File: VD072127.D  
Acq: 28 Feb 2022 17:22

Instrument :  
MSVOA\_D  
ClientSampleId :  
NB-07-022822

Tgt Ion:152 Resp: 256450  
Ion Ratio Lower Upper  
152 100  
115 59.8 29.9 89.7  
150 154.8 0.0 347.6

