

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN093022\  
 Data File : VN074683.D  
 Acq On : 01 Oct 2022 02:22  
 Operator : JC\MD  
 Sample : VN0930WBL02  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0930WBL02

Quant Time: Oct 03 02:09:48 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N092922W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 30 07:44:59 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.934  | 168  | 560548   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.828  | 114  | 1054333  | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.622 | 117  | 1065009  | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.551 | 152  | 502397   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.286  | 65    | 689953   | 49.112   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 98.220%  |
| 35) Dibromofluoromethane    | 7.869  | 113   | 570079   | 51.084   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 102.160% |
| 50) Toluene-d8              | 10.310 | 98    | 2158234  | 45.978   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 91.960%  |
| 62) 4-Bromofluorobenzene    | 12.610 | 95    | 713231   | 47.918   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 95.840%  |

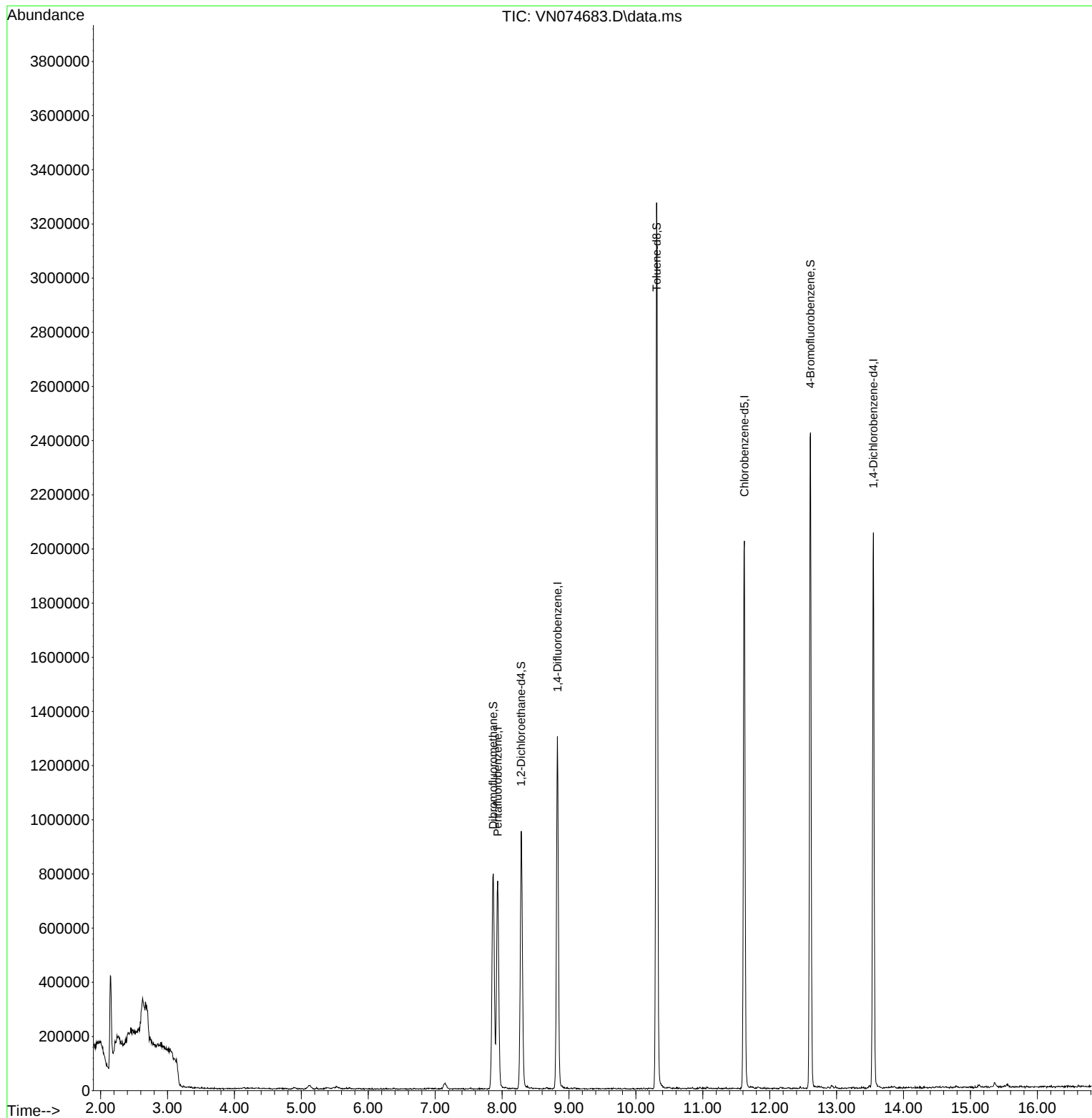
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

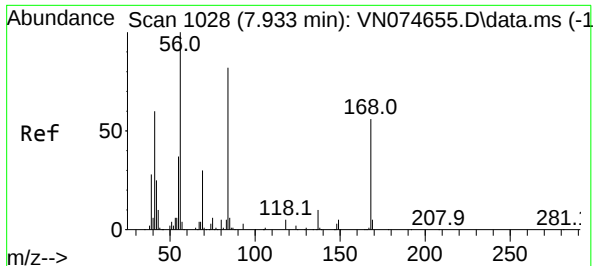
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VN0930WBL02  
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ALS Vial : 28 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0930WBL02

Quant Time: Oct 03 02:09:48 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N092922W.M  
Quant Title : SW846 8260  
QLast Update : Fri Sep 30 07:44:59 2022  
Response via : Initial Calibration

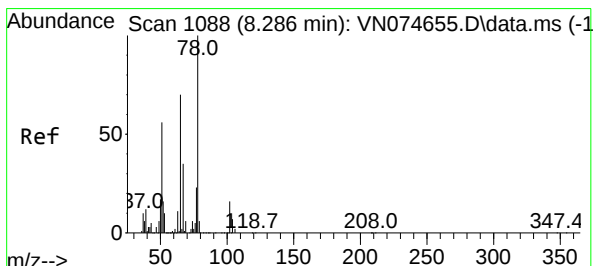
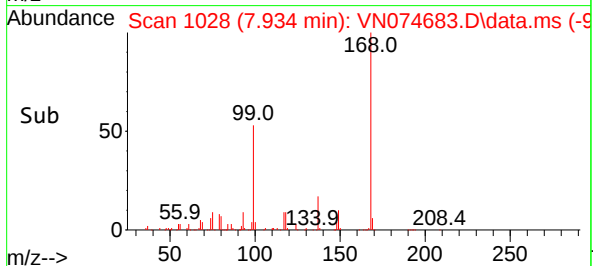
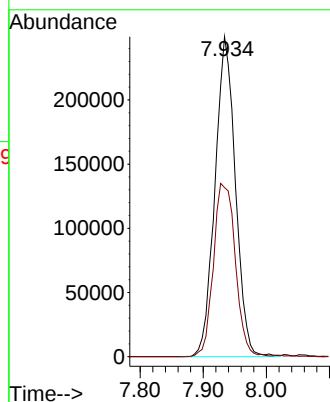
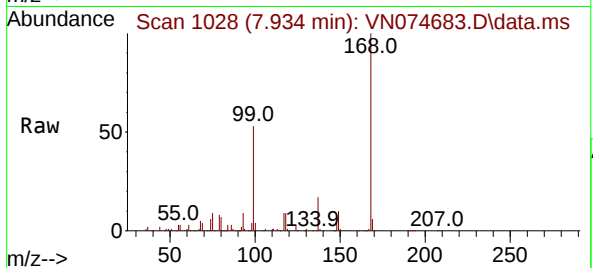




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.934 min Scan# 1028  
Delta R.T. 0.001 min  
Lab File: VN074683.D  
Acq: 01 Oct 2022 02:22

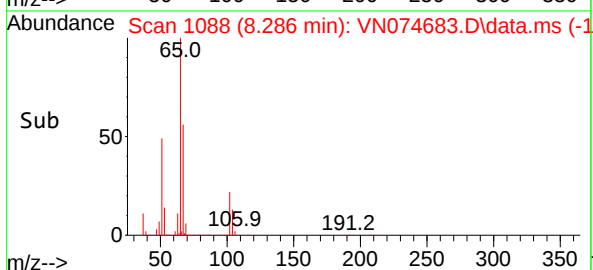
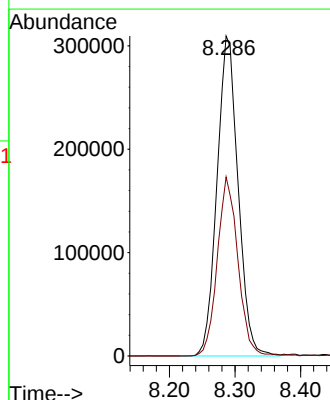
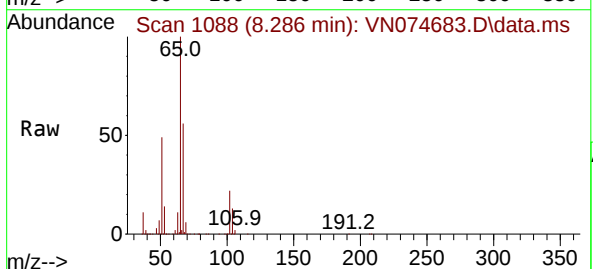
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0930WBL02

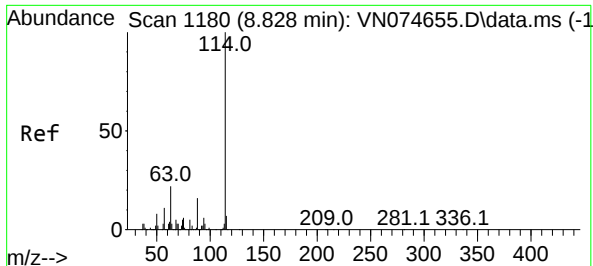
Tgt Ion:168 Resp: 560548  
Ion Ratio Lower Upper  
168 100  
99 52.8 42.3 63.5



#33  
1,2-Dichloroethane-d4  
Concen: 49.112 ug/l  
RT: 8.286 min Scan# 1088  
Delta R.T. 0.000 min  
Lab File: VN074683.D  
Acq: 01 Oct 2022 02:22

Tgt Ion: 65 Resp: 689953  
Ion Ratio Lower Upper  
65 100  
67 54.6 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.828 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VN074683.D

Acq: 01 Oct 2022 02:22

Instrument :

MSVOA\_N

ClientSampleId :

VN0930WBL02

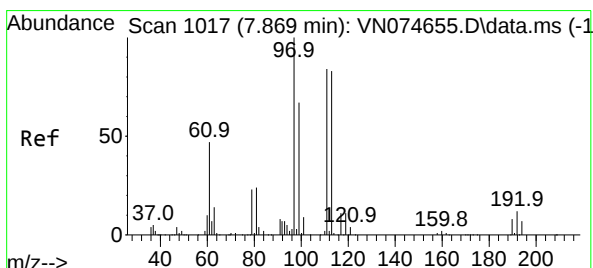
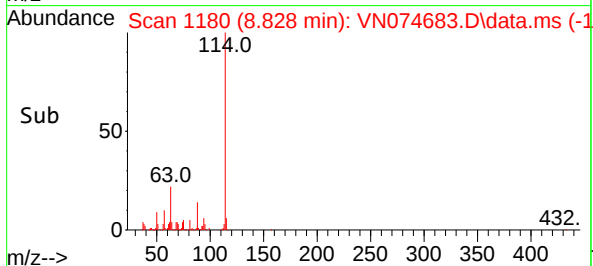
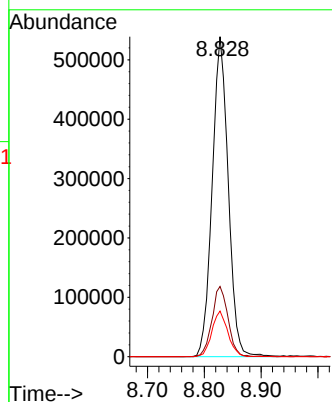
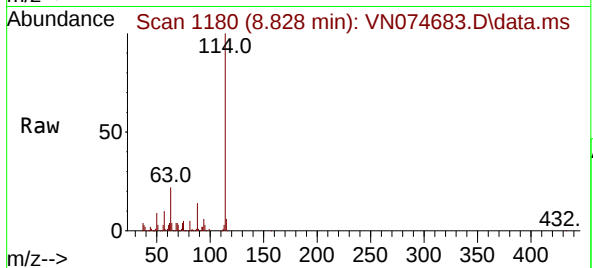
Tgt Ion:114 Resp: 1054333

Ion Ratio Lower Upper

114 100

63 22.0 0.0 40.0

88 14.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.084 ug/l

RT: 7.869 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VN074683.D

Acq: 01 Oct 2022 02:22

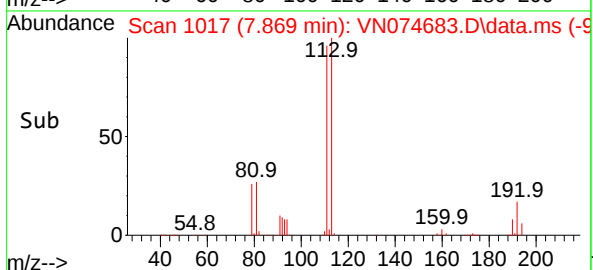
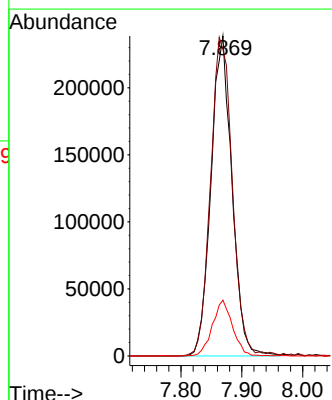
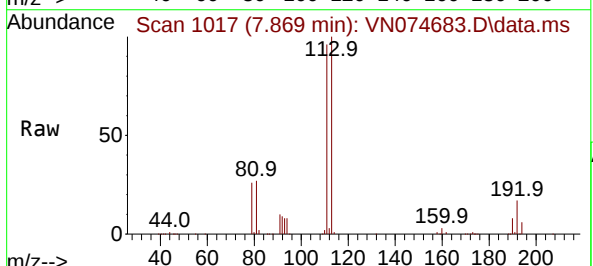
Tgt Ion:113 Resp: 570079

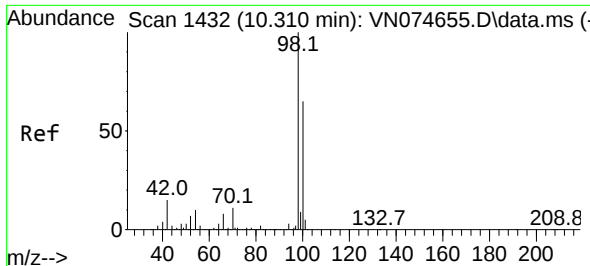
Ion Ratio Lower Upper

113 100

111 103.7 81.4 122.0

192 16.8 17.0 25.6#

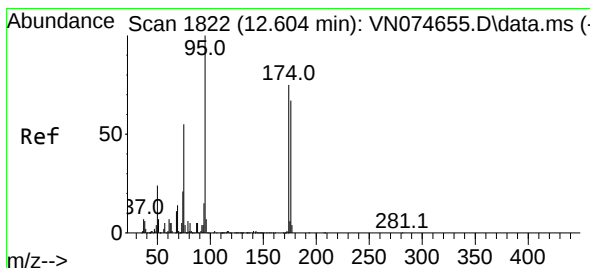
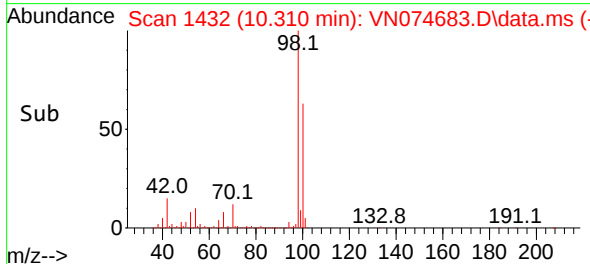
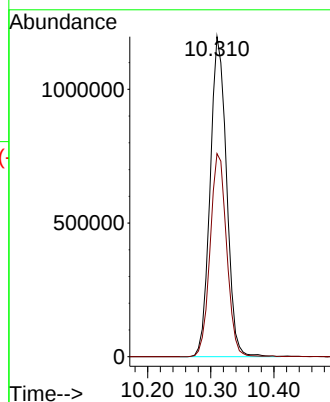
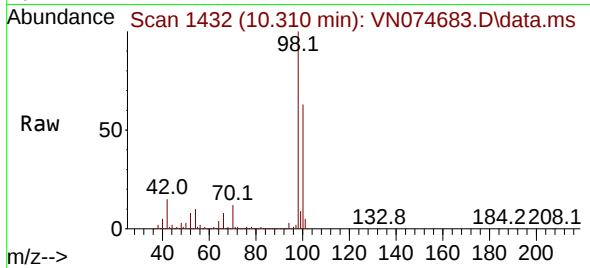




#50  
Toluene-d8  
Concen: 45.978 ug/l  
RT: 10.310 min Scan# 1432  
Delta R.T. -0.000 min  
Lab File: VN074683.D  
Acq: 01 Oct 2022 02:22

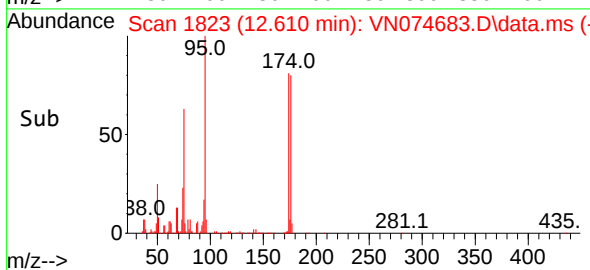
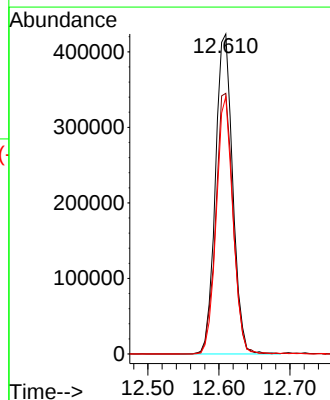
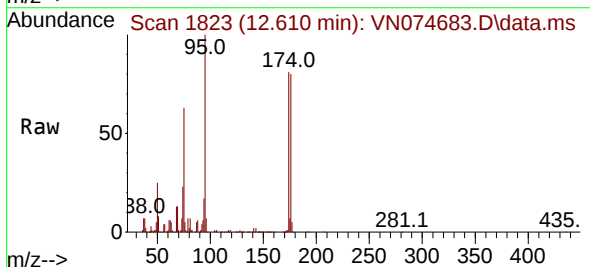
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0930WBL02

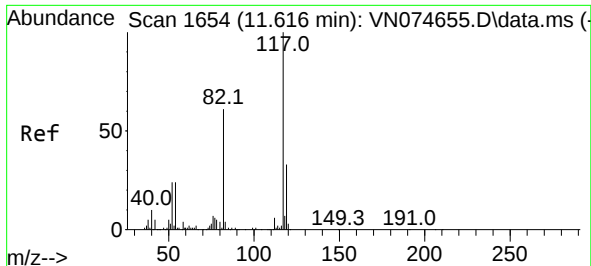
Tgt Ion: 98 Resp: 2158234  
Ion Ratio Lower Upper  
98 100  
100 63.9 52.6 78.8



#62  
4-Bromofluorobenzene  
Concen: 47.918 ug/l  
RT: 12.610 min Scan# 1823  
Delta R.T. 0.006 min  
Lab File: VN074683.D  
Acq: 01 Oct 2022 02:22

Tgt Ion: 95 Resp: 713231  
Ion Ratio Lower Upper  
95 100  
174 81.8 0.0 167.6  
176 77.2 0.0 163.4

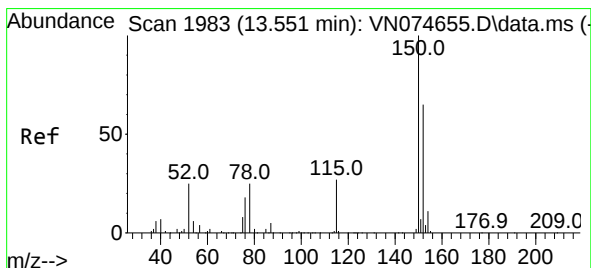
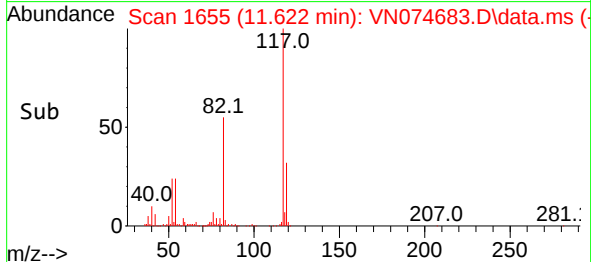
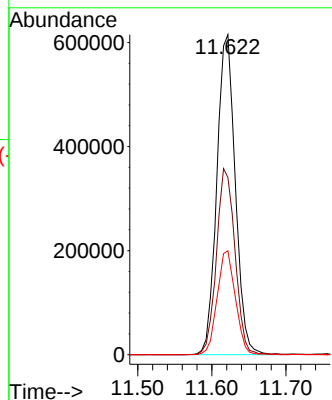
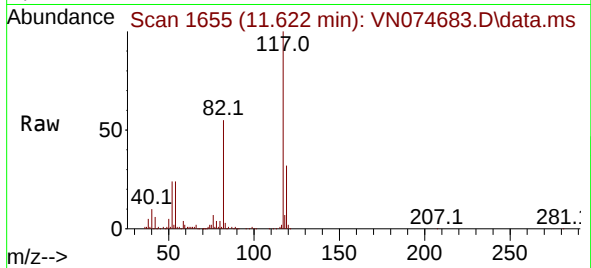




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.622 min Scan# 117  
Delta R.T. 0.006 min  
Lab File: VN074683.D  
Acq: 01 Oct 2022 02:22

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0930WBL02

Tgt Ion:117 Resp: 1065009  
Ion Ratio Lower Upper  
117 100  
82 55.4 44.2 66.2  
119 32.5 25.4 38.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.551 min Scan# 1983  
Delta R.T. -0.000 min  
Lab File: VN074683.D  
Acq: 01 Oct 2022 02:22

Tgt Ion:152 Resp: 502397  
Ion Ratio Lower Upper  
152 100  
115 55.4 28.9 86.7  
150 151.0 0.0 356.2

