

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY011224\  
 Data File : VY016990.D  
 Acq On : 12 Jan 2024 14:11  
 Operator : SY/MD  
 Sample : P1123-03  
 Misc : 5.01g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 MEDIAN-EAST-SIDE-HOWARD-BLVD

Quant Time: Jan 13 00:05:31 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y010224S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 02 14:25:32 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.807  | 168  | 112407   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.709  | 114  | 237740   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.508 | 117  | 231297   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.440 | 152  | 87099    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.161  | 65    | 55065    | 49.564   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 99.120% |
| 35) Dibromofluoromethane    | 7.740  | 113   | 57446    | 37.919   | ug/l | 0.01    |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 75.840% |
| 50) Toluene-d8              | 10.197 | 98    | 207439   | 39.764   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =    | 79.520% |
| 62) 4-Bromofluorobenzene    | 12.495 | 95    | 65754    | 37.358   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | =    | 74.720% |

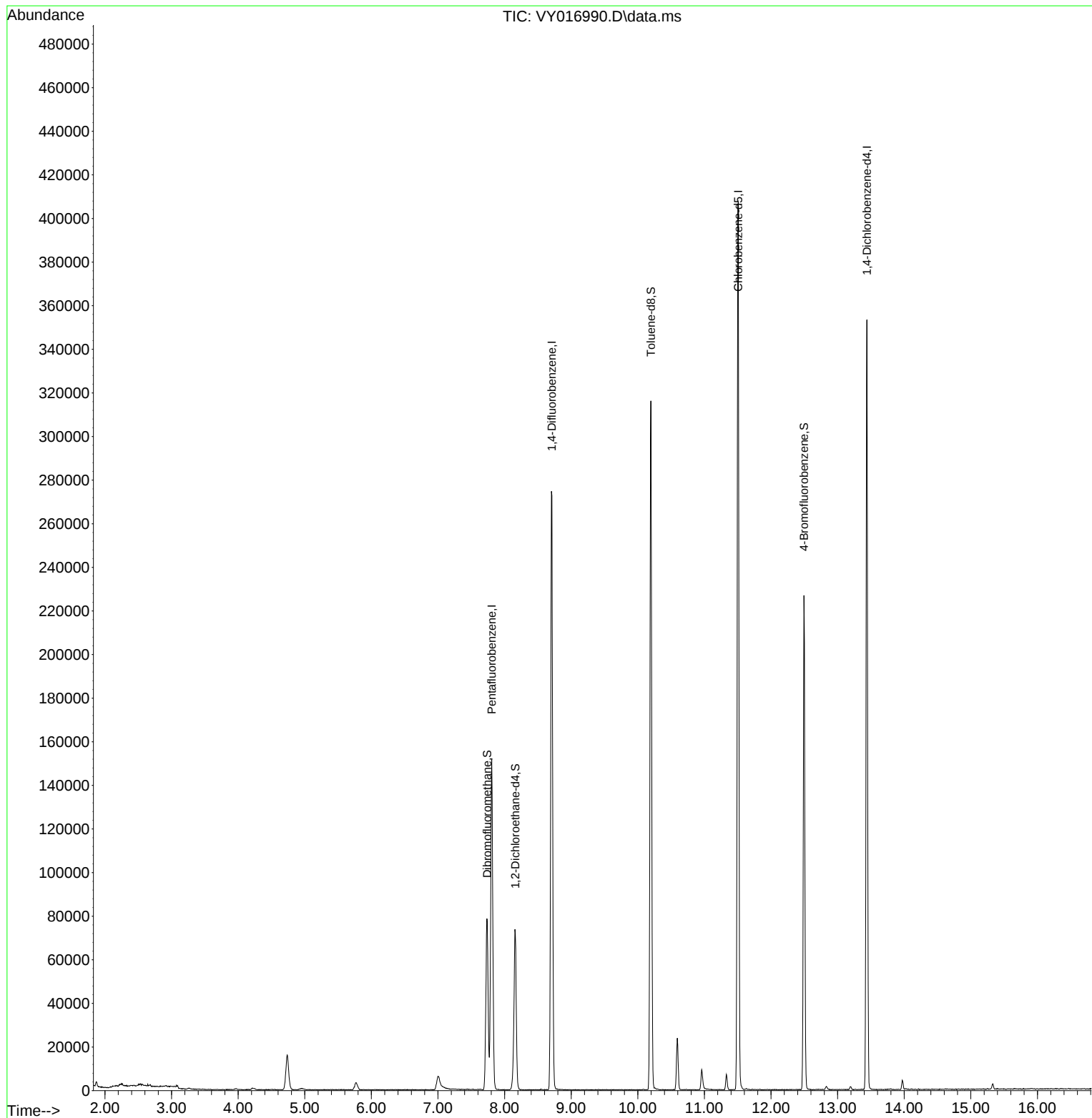
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

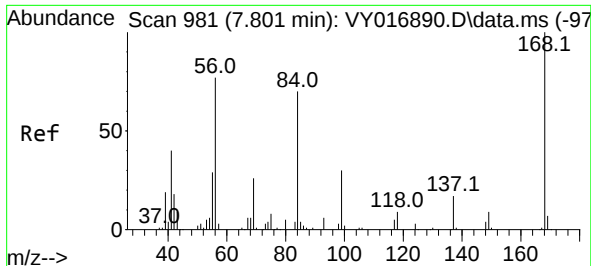
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY011224\  
Data File : VY016990.D  
Acq On : 12 Jan 2024 14:11  
Operator : SY/MD  
Sample : P1123-03  
Misc : 5.01g/5.0mL/MSVOA\_Y/SOIL/A  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
MEDIAN-EAST-SIDE-HOWARD-BLVD

Quant Time: Jan 13 00:05:31 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y010224S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jan 02 14:25:32 2024  
Response via : Initial Calibration

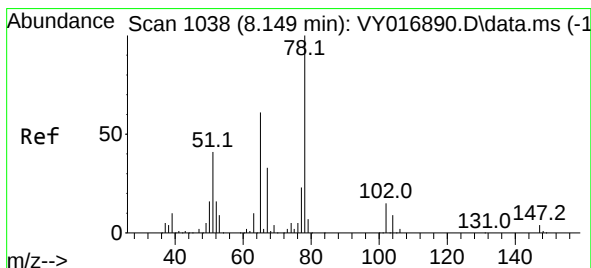
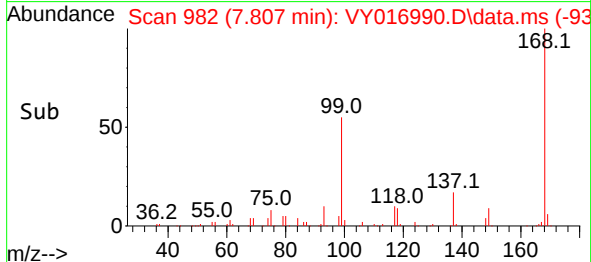
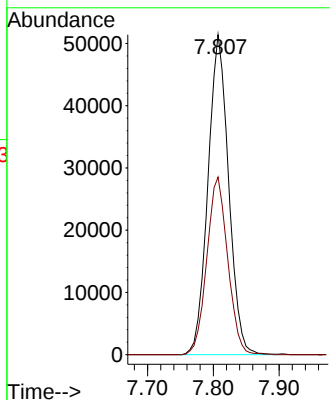
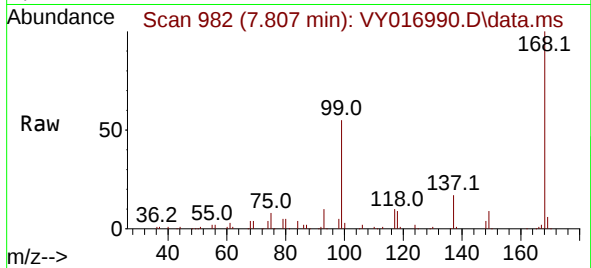




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.807 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY016990.D  
Acq: 12 Jan 2024 14:11

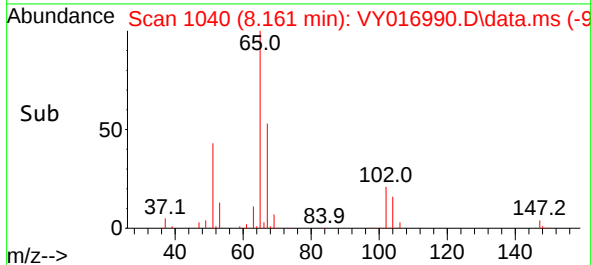
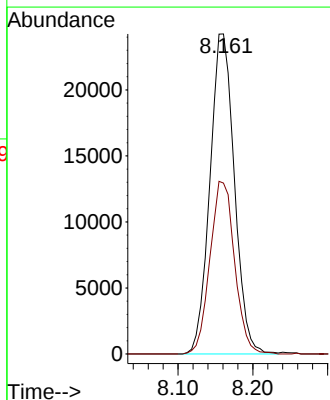
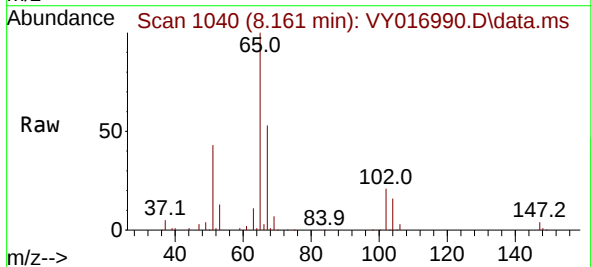
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MEDIAN-EAST-SIDE-HOWARD-BLVD

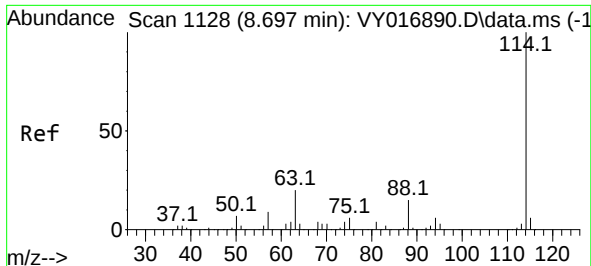
Tgt Ion:168 Resp: 112407  
Ion Ratio Lower Upper  
168 100  
99 55.5 44.2 66.4



#33  
1,2-Dichloroethane-d4  
Concen: 49.564 ug/l  
RT: 8.161 min Scan# 1040  
Delta R.T. 0.006 min  
Lab File: VY016990.D  
Acq: 12 Jan 2024 14:11

Tgt Ion: 65 Resp: 55065  
Ion Ratio Lower Upper  
65 100  
67 54.4 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY016990.D

Acq: 12 Jan 2024 14:11

Instrument :

MSVOA\_Y

ClientSampleId :

MEDIAN-EAST-SIDE-HOWARD-BLVD

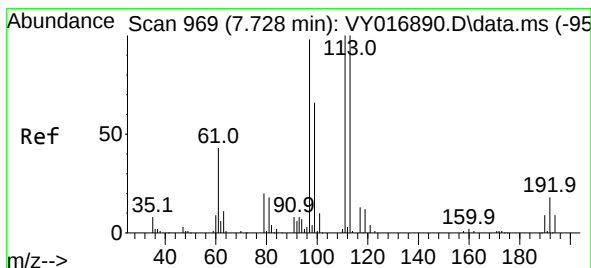
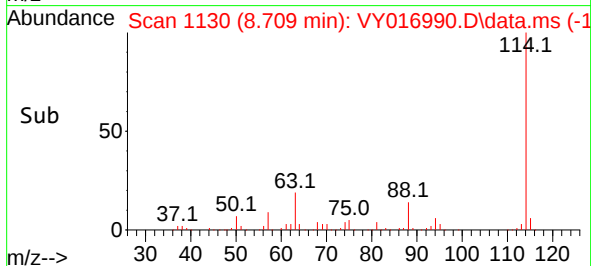
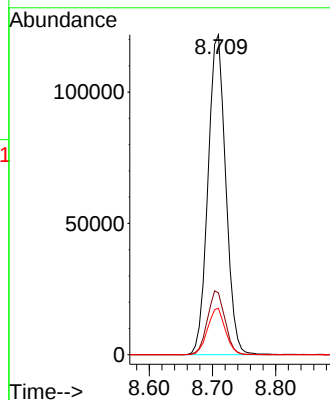
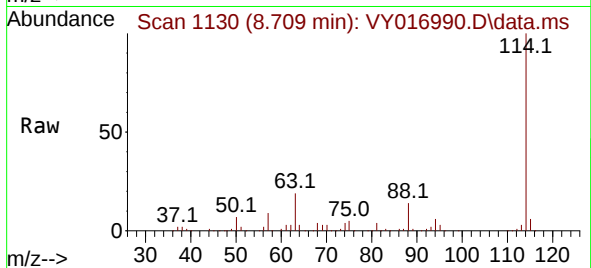
Tgt Ion:114 Resp: 237740

Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.4

88 14.5 0.0 29.0



#35

Dibromofluoromethane

Concen: 37.919 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY016990.D

Acq: 12 Jan 2024 14:11

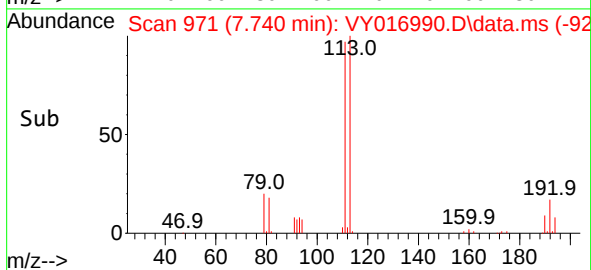
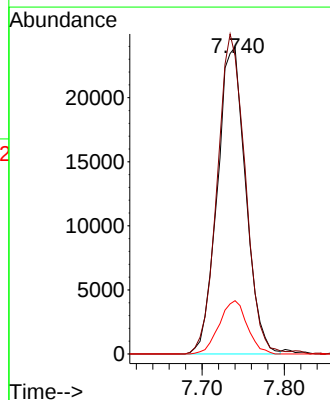
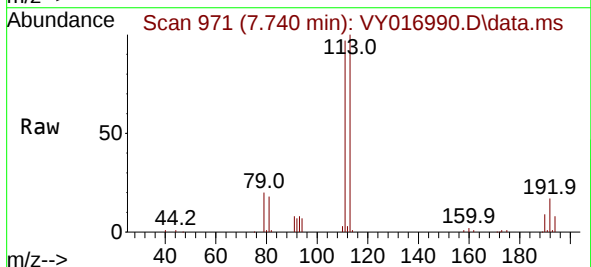
Tgt Ion:113 Resp: 57446

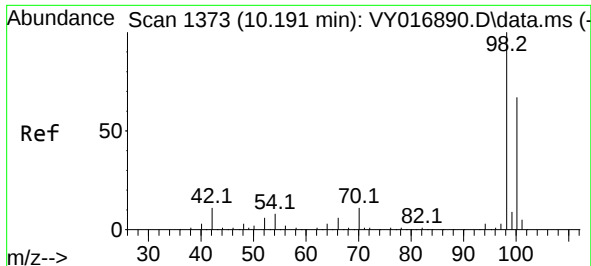
Ion Ratio Lower Upper

113 100

111 102.8 83.8 125.6

192 17.1 14.5 21.7

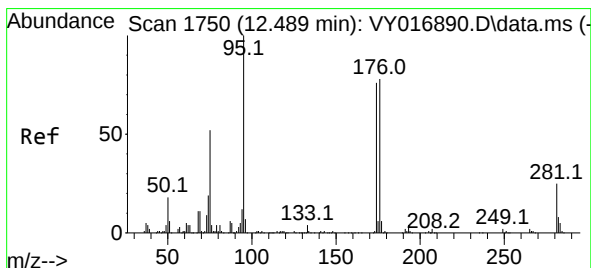
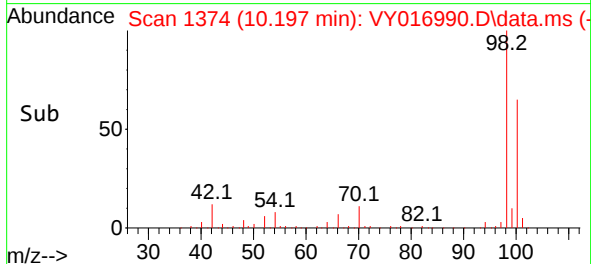
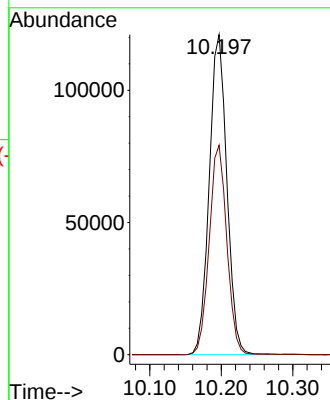
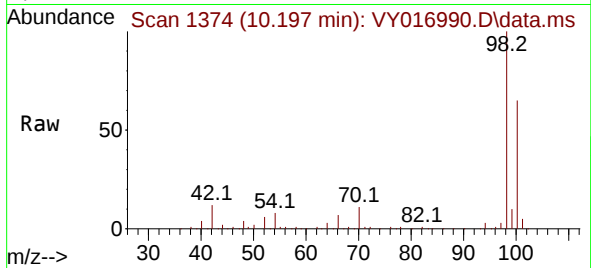




#50  
Toluene-d8  
Concen: 39.764 ug/l  
RT: 10.197 min Scan# 1374  
Delta R.T. 0.006 min  
Lab File: VY016990.D  
Acq: 12 Jan 2024 14:11

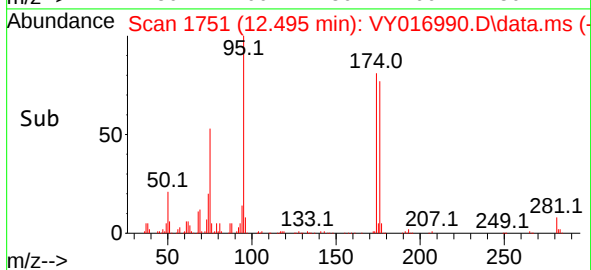
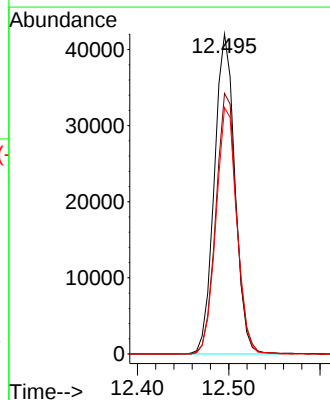
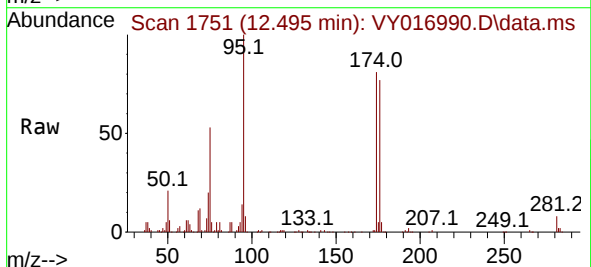
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MEDIAN-EAST-SIDE-HOWARD-BLVD

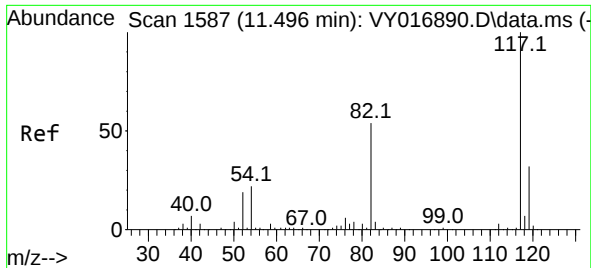
Tgt Ion: 98 Resp: 207439  
Ion Ratio Lower Upper  
98 100  
100 65.4 52.3 78.5



#62  
4-Bromofluorobenzene  
Concen: 37.358 ug/l  
RT: 12.495 min Scan# 1751  
Delta R.T. 0.006 min  
Lab File: VY016990.D  
Acq: 12 Jan 2024 14:11

Tgt Ion: 95 Resp: 65754  
Ion Ratio Lower Upper  
95 100  
174 82.0 0.0 160.0  
176 78.1 0.0 151.8

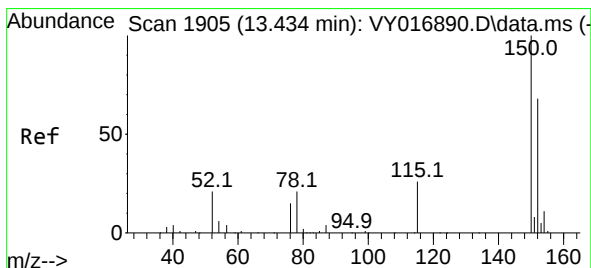
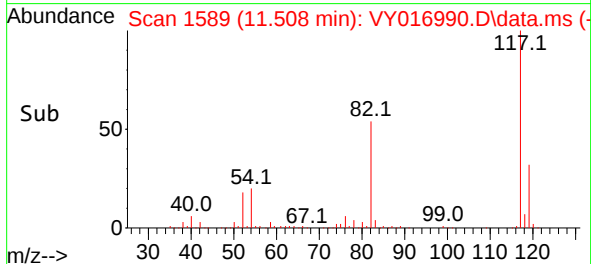
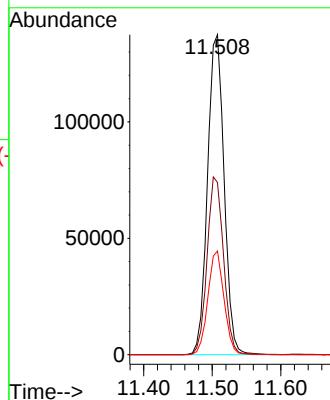
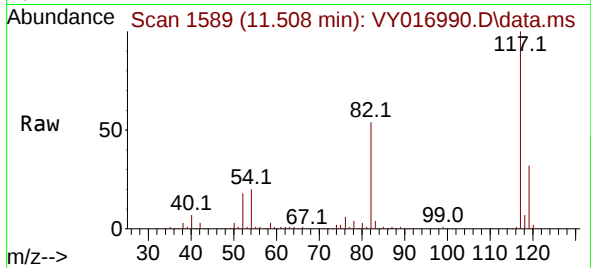




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.508 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY016990.D  
Acq: 12 Jan 2024 14:11

Instrument :  
MSVOA\_Y  
ClientSampleId :  
MEDIAN-EAST-SIDE-HOWARD-BLVD

Tgt Ion:117 Resp: 231297  
Ion Ratio Lower Upper  
117 100  
82 53.8 43.8 65.8  
119 32.4 26.5 39.7



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.440 min Scan# 1906  
Delta R.T. 0.006 min  
Lab File: VY016990.D  
Acq: 12 Jan 2024 14:11

Tgt Ion:152 Resp: 87099  
Ion Ratio Lower Upper  
152 100  
115 59.8 30.0 90.0  
150 158.4 0.0 344.6

