

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY022125\  
 Data File : VY021279.D  
 Acq On : 21 Feb 2025 12:41  
 Operator : SY/MD  
 Sample : Q1383-01  
 Misc : 5.34g/5.0mL/MSVOA\_Y/SOIL/B  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 OU4-PCS-TC-11-021725

Quant Time: Feb 21 23:06:26 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y020325S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Feb 03 13:08:38 2025  
 Response via : Initial Calibration

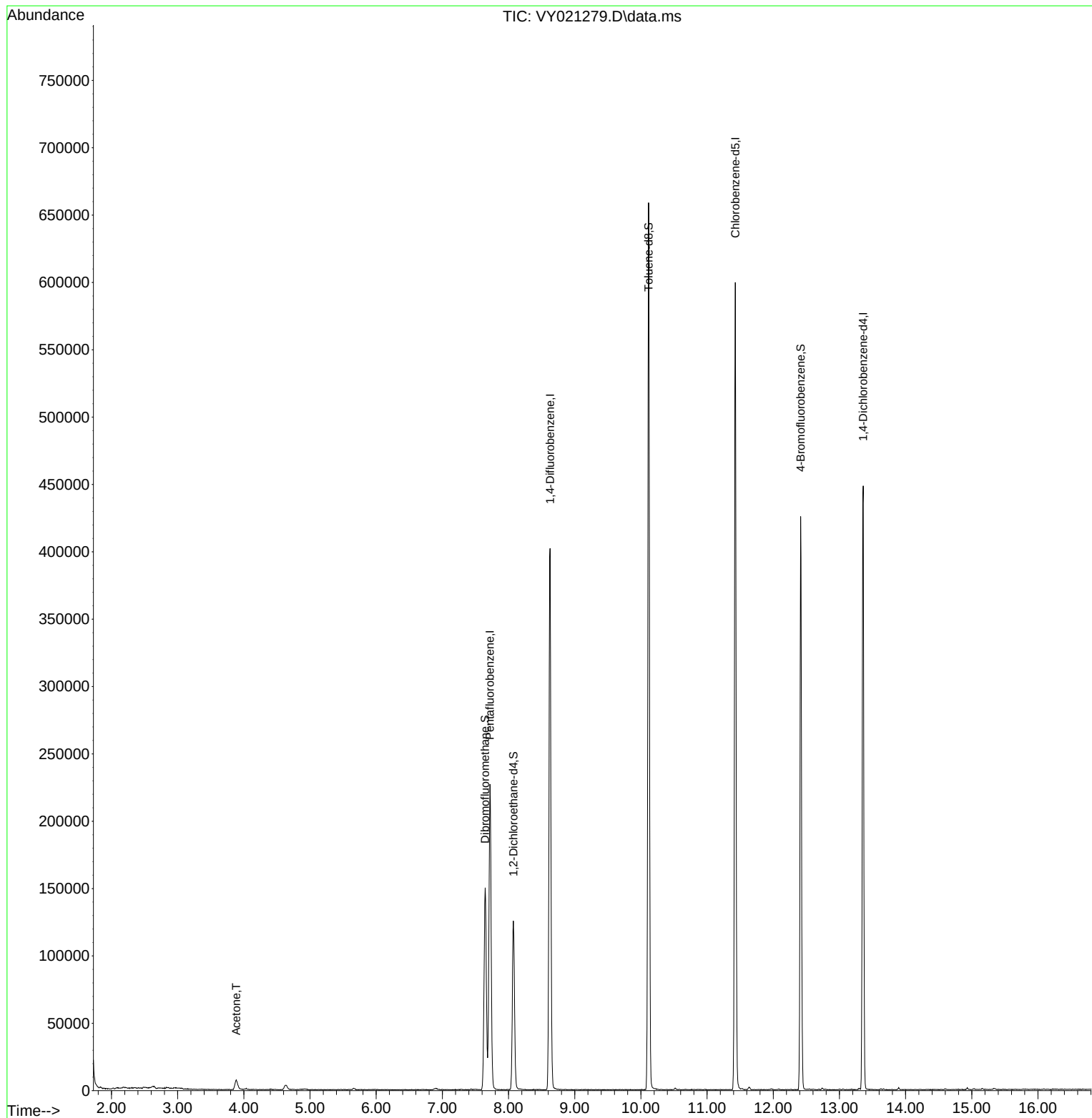
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|-------|-----------|
| -----                       |        |       |          |          |       |           |
| Internal Standards          |        |       |          |          |       |           |
| 1) Pentafluorobenzene       | 7.719  | 168   | 171670   | 50.000   | ug/l  | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.628  | 114   | 333989   | 50.000   | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 11.426 | 117   | 300893   | 50.000   | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.359 | 152   | 110482   | 50.000   | ug/l  | 0.00      |
| System Monitoring Compounds |        |       |          |          |       |           |
| 33) 1,2-Dichloroethane-d4   | 8.073  | 65    | 100924   | 57.379   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 114.760%  |
| 35) Dibromofluoromethane    | 7.646  | 113   | 107594   | 50.268   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 100.540%  |
| 50) Toluene-d8              | 10.115 | 98    | 405607   | 49.775   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =     | 99.560%   |
| 62) 4-Bromofluorobenzene    | 12.414 | 95    | 122481   | 46.008   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | =     | 92.020%   |
| Target Compounds            |        |       |          |          |       |           |
| 16) Acetone                 | 3.885  | 43    | 13685    | 49.891   | ug/l  | Qvalue 96 |
| -----                       |        |       |          |          |       |           |

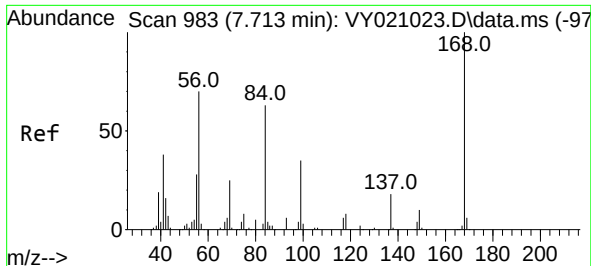
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY022125\  
Data File : VY021279.D  
Acq On : 21 Feb 2025 12:41  
Operator : SY/MD  
Sample : Q1383-01  
Misc : 5.34g/5.0mL/MSVOA\_Y/SOIL/B  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
OU4-PCS-TC-11-021725

Quant Time: Feb 21 23:06:26 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y020325S.M  
Quant Title : SW846 8260  
QLast Update : Mon Feb 03 13:08:38 2025  
Response via : Initial Calibration

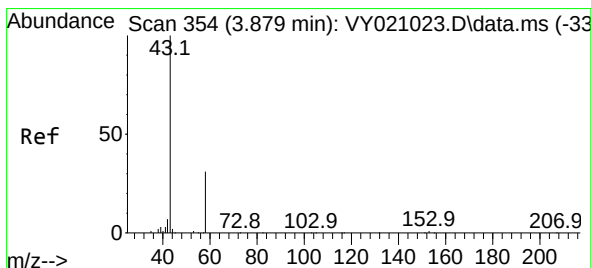
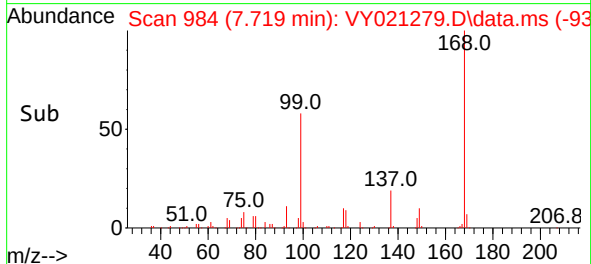
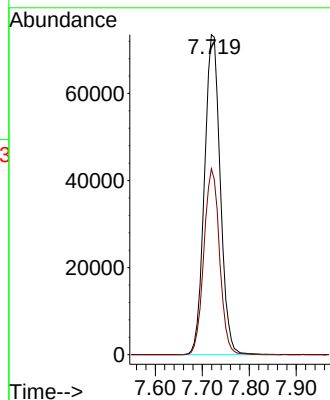
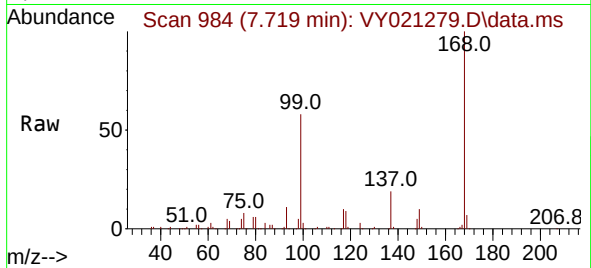




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.719 min Scan# 983  
Delta R.T. 0.006 min  
Lab File: VY021279.D  
Acq: 21 Feb 2025 12:41

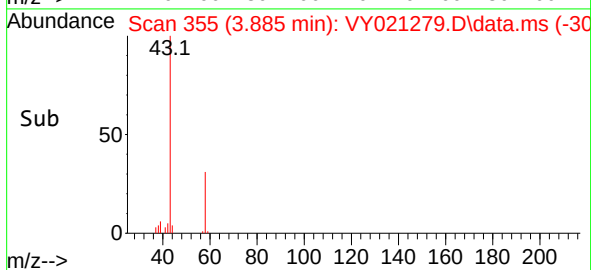
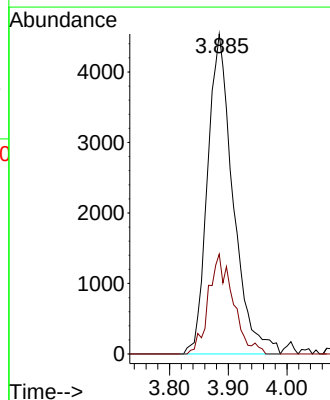
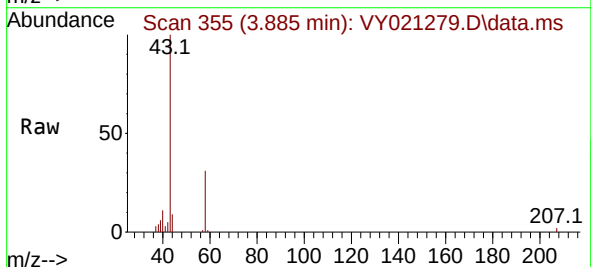
Instrument :  
MSVOA\_Y  
ClientSampleId :  
OU4-PCS-TC-11-021725

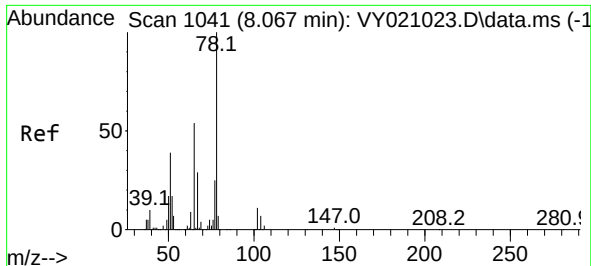
Tgt Ion:168 Resp: 171670  
Ion Ratio Lower Upper  
168 100  
99 58.1 44.2 66.4



#16  
Acetone  
Concen: 49.891 ug/l  
RT: 3.885 min Scan# 355  
Delta R.T. 0.006 min  
Lab File: VY021279.D  
Acq: 21 Feb 2025 12:41

Tgt Ion: 43 Resp: 13685  
Ion Ratio Lower Upper  
43 100  
58 31.2 26.6 39.8





#33

1,2-Dichloroethane-d4

Concen: 57.379 ug/l

RT: 8.073 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY021279.D

Acq: 21 Feb 2025 12:41

Instrument :

MSVOA\_Y

ClientSampleId :

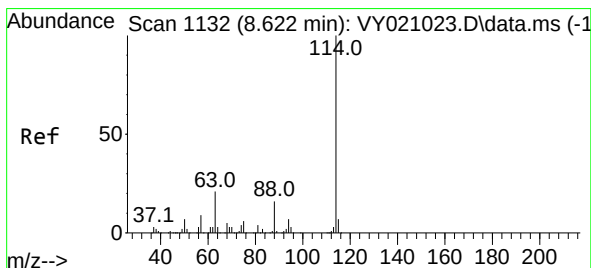
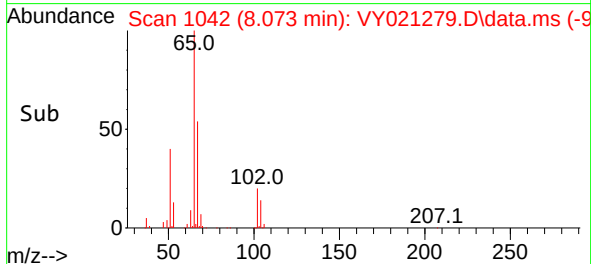
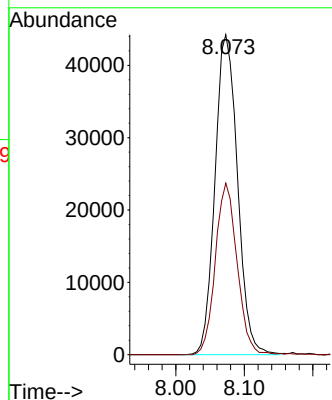
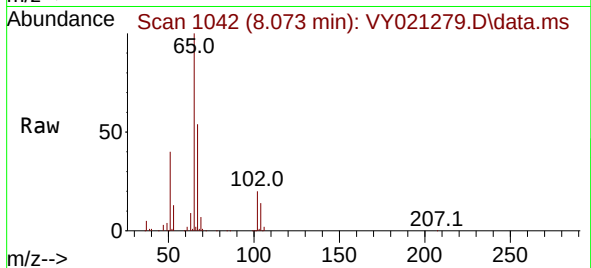
OU4-PCS-TC-11-021725

Tgt Ion: 65 Resp: 100924

Ion Ratio Lower Upper

65 100

67 51.6 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VY021279.D

Acq: 21 Feb 2025 12:41

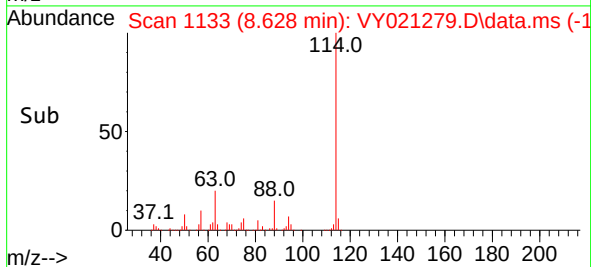
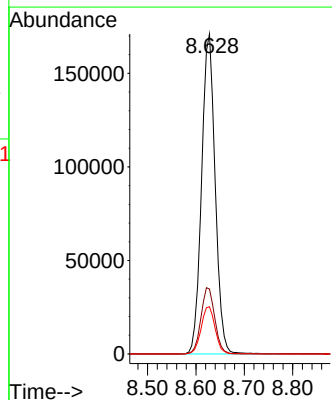
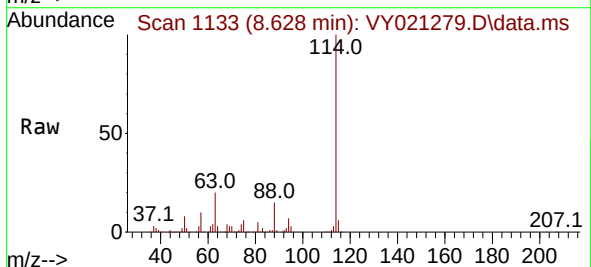
Tgt Ion: 114 Resp: 333989

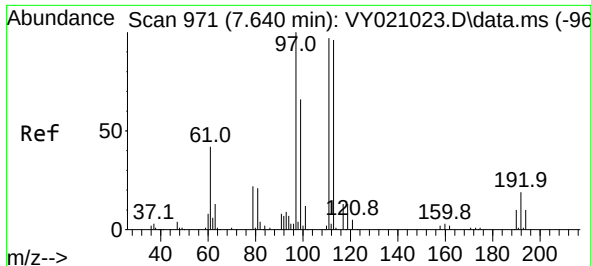
Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.4

88 14.8 0.0 29.0

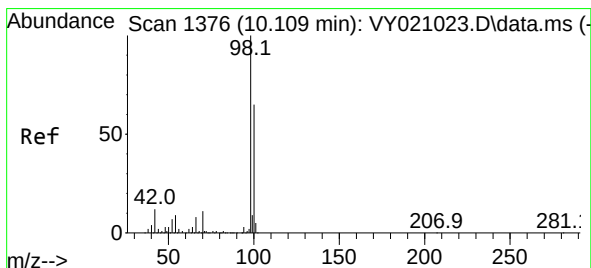
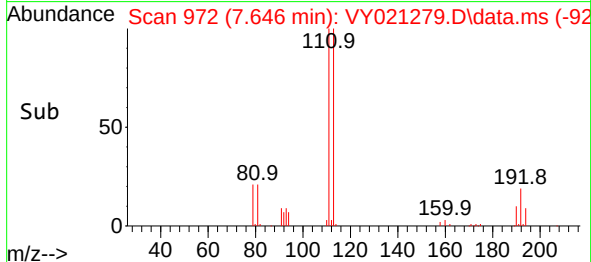
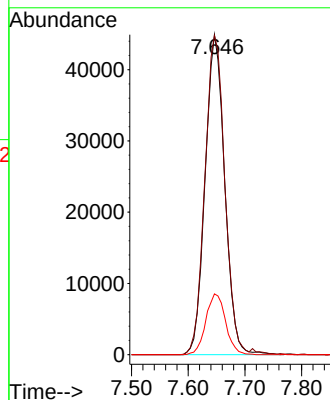
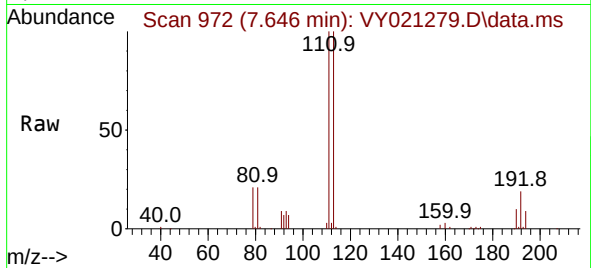




#35  
 Dibromofluoromethane  
 Concen: 50.268 ug/l  
 RT: 7.646 min Scan# 91  
 Delta R.T. 0.006 min  
 Lab File: VY021279.D  
 Acq: 21 Feb 2025 12:41

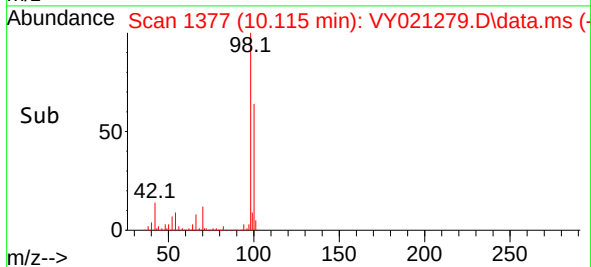
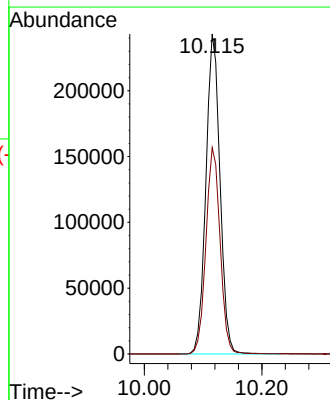
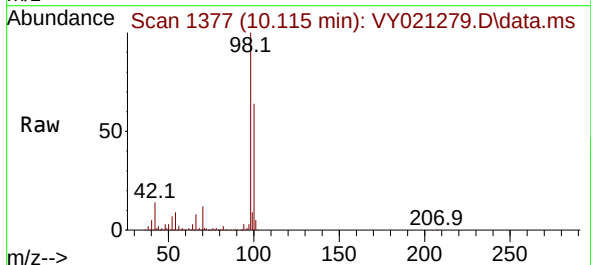
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 OU4-PCS-TC-11-021725

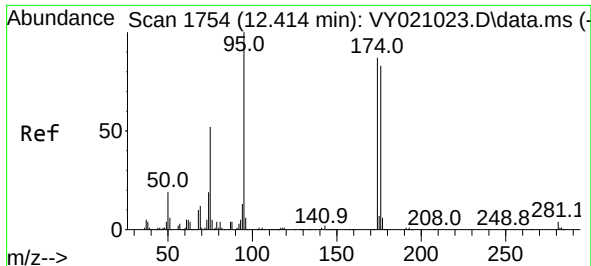
Tgt Ion:113 Resp: 107594  
 Ion Ratio Lower Upper  
 113 100  
 111 101.7 83.8 125.6  
 192 19.2 14.5 21.7



#50  
 Toluene-d8  
 Concen: 49.775 ug/l  
 RT: 10.115 min Scan# 1377  
 Delta R.T. 0.006 min  
 Lab File: VY021279.D  
 Acq: 21 Feb 2025 12:41

Tgt Ion: 98 Resp: 405607  
 Ion Ratio Lower Upper  
 98 100  
 100 64.7 52.3 78.5

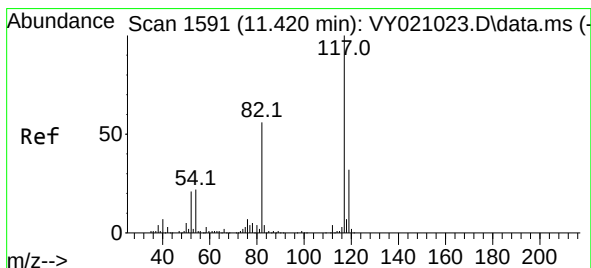
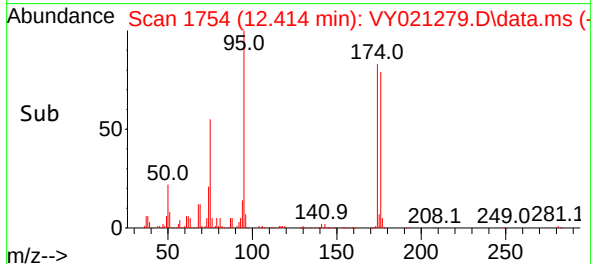
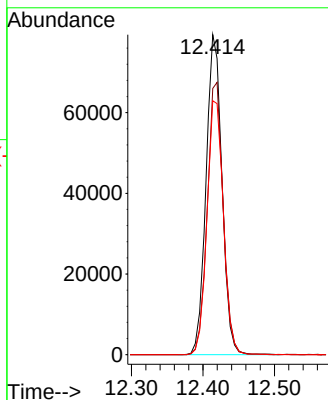
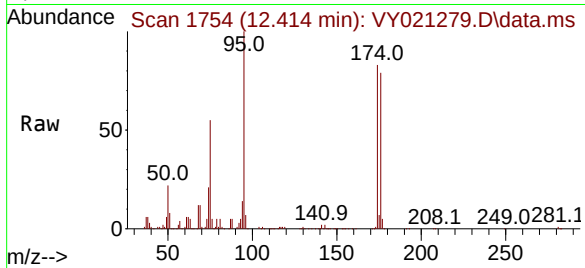




#62  
4-Bromofluorobenzene  
Concen: 46.008 ug/l  
RT: 12.414 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY021279.D  
Acq: 21 Feb 2025 12:41

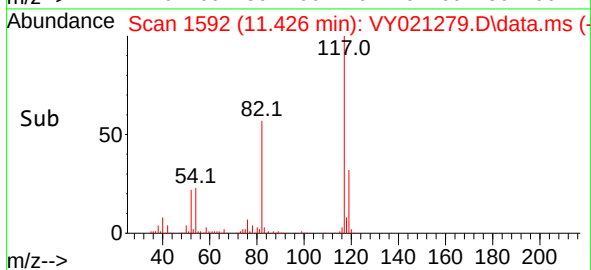
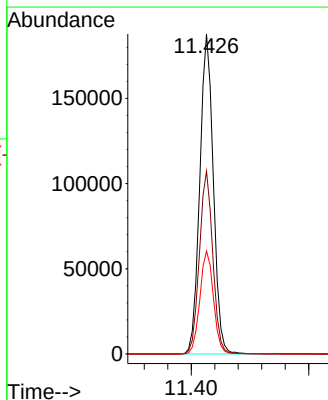
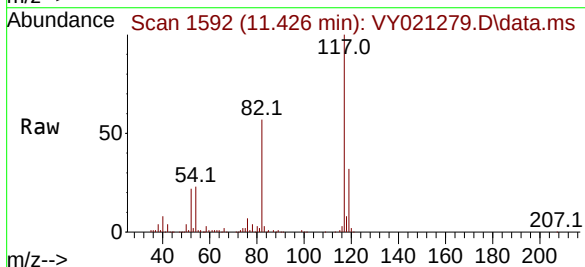
Instrument :  
MSVOA\_Y  
ClientSampleId :  
OU4-PCS-TC-11-021725

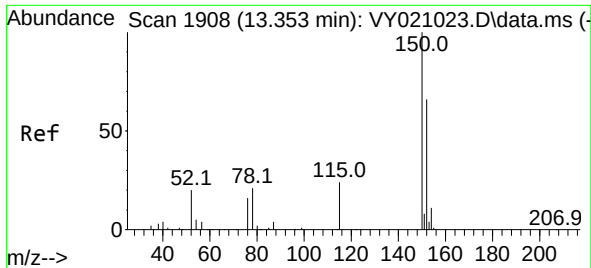
Tgt Ion: 95 Resp: 122481  
Ion Ratio Lower Upper  
95 100  
174 85.3 0.0 160.0  
176 81.7 0.0 151.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.426 min Scan# 1592  
Delta R.T. 0.006 min  
Lab File: VY021279.D  
Acq: 21 Feb 2025 12:41

Tgt Ion: 117 Resp: 300893  
Ion Ratio Lower Upper  
117 100  
82 57.1 43.8 65.8  
119 32.2 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY021279.D

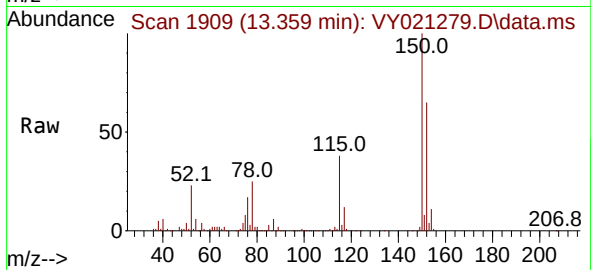
Acq: 21 Feb 2025 12:41

Instrument :

MSVOA\_Y

ClientSampleId :

OU4-PCS-TC-11-021725



Tgt Ion:152 Resp: 110482

Ion Ratio Lower Upper

152 100

115 59.1 30.0 90.0

150 156.9 0.0 344.6

