

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY101025\  
 Data File : VY023439.D  
 Acq On : 10 Oct 2025 15:13  
 Operator : SY/MD  
 Sample : Q3323-06  
 Misc : 7.74g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SED-06-0-2

Quant Time: Oct 11 01:59:11 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y100725S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 08 05:12:50 2025  
 Response via : Initial Calibration

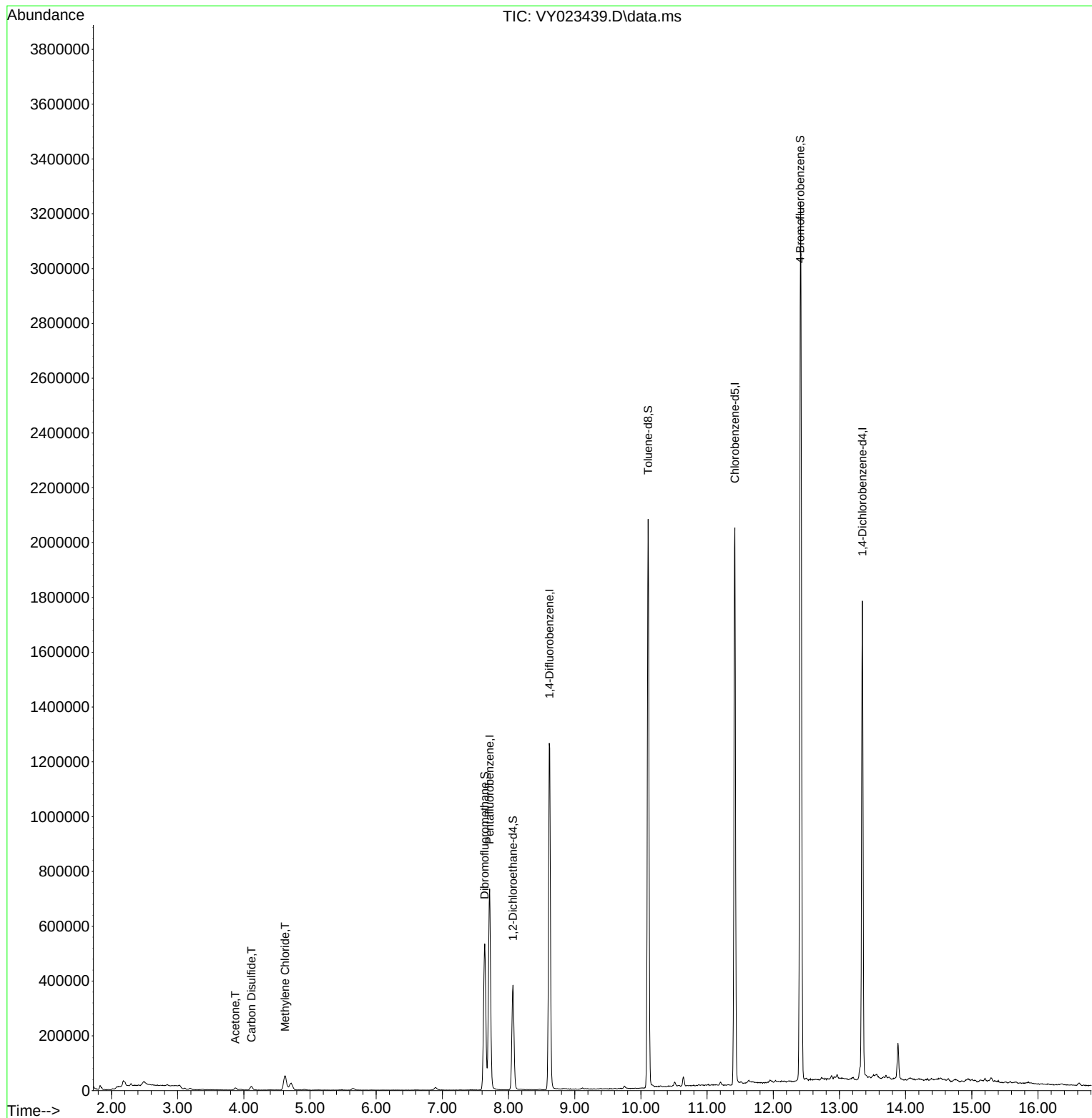
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 7.713  | 168   | 613438   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.616  | 114   | 1182950  | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.420 | 117   | 1184267  | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.346 | 152   | 480884   | 50.000   | ug/l       | 0.00     |
|                             |        |       |          |          |            |          |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.067  | 65    | 298710   | 58.232   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 116.460% |          |
| 35) Dibromofluoromethane    | 7.640  | 113   | 383299   | 52.733   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 105.460% |          |
| 50) Toluene-d8              | 10.109 | 98    | 1417365  | 52.361   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | = 104.720% |          |
| 62) 4-Bromofluorobenzene    | 12.408 | 95    | 493644   | 55.237   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | = 110.480% |          |
|                             |        |       |          |          |            |          |
| Target Compounds            |        |       |          |          |            | Qvalue   |
| 16) Acetone                 | 3.872  | 43    | 12971    | 10.621   | ug/l       | 96       |
| 17) Carbon Disulfide        | 4.116  | 76    | 27280    | 1.742    | ug/l       | 96       |
| 20) Methylene Chloride      | 4.622  | 84    | 42414    | 6.423    | ug/l       | 97       |
| -----                       |        |       |          |          |            |          |

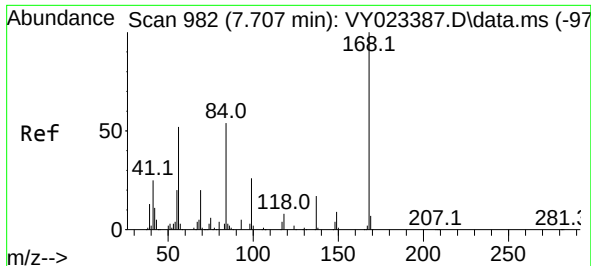
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY101025\  
Data File : VY023439.D  
Acq On : 10 Oct 2025 15:13  
Operator : SY/MD  
Sample : Q3323-06  
Misc : 7.74g/5.0mL/MSVOA\_Y/SOIL/A  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SED-06-0-2

Quant Time: Oct 11 01:59:11 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y100725S.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 08 05:12:50 2025  
Response via : Initial Calibration

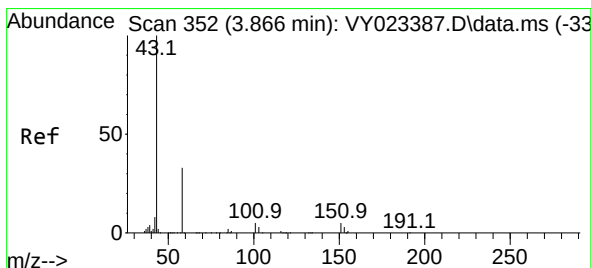
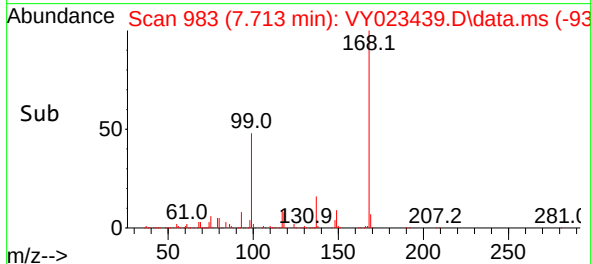
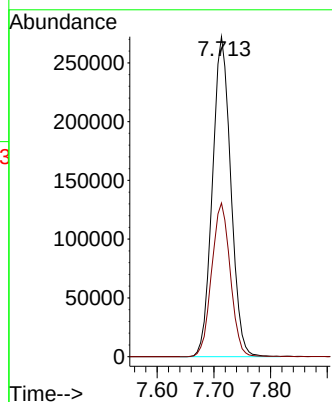
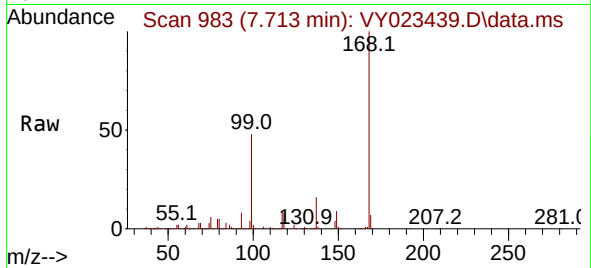




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.713 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY023439.D  
Acq: 10 Oct 2025 15:13

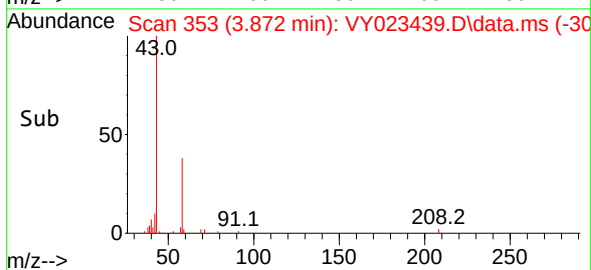
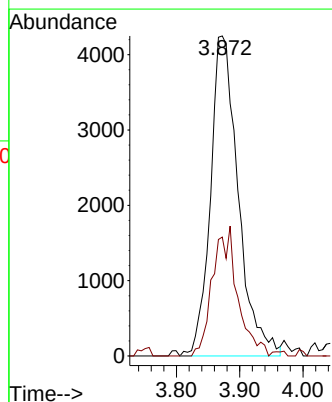
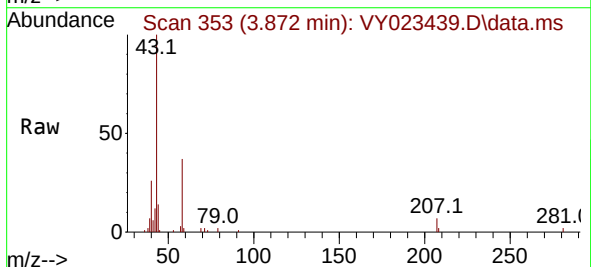
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SED-06-0-2

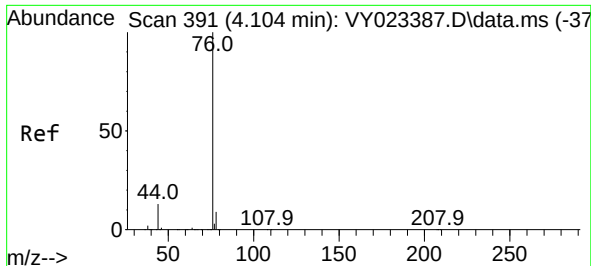
Tgt Ion:168 Resp: 613438  
Ion Ratio Lower Upper  
168 100  
99 48.0 39.7 59.5



#16  
Acetone  
Concen: 10.621 ug/l  
RT: 3.872 min Scan# 353  
Delta R.T. 0.006 min  
Lab File: VY023439.D  
Acq: 10 Oct 2025 15:13

Tgt Ion: 43 Resp: 12971  
Ion Ratio Lower Upper  
43 100  
58 37.2 27.7 41.5

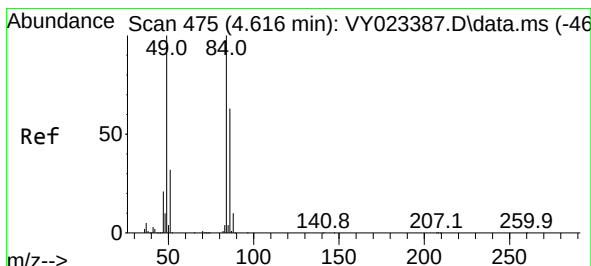
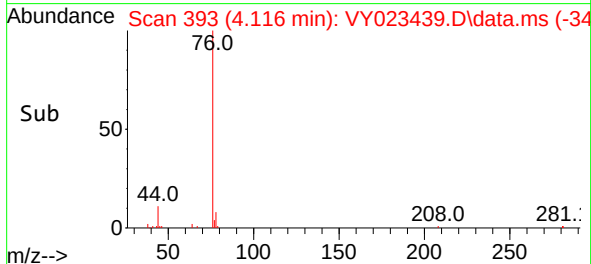
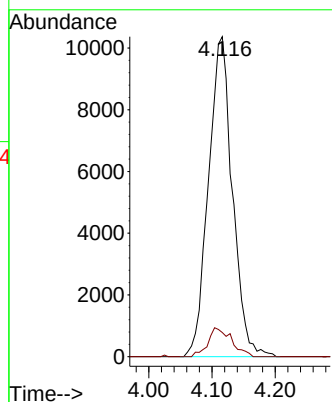
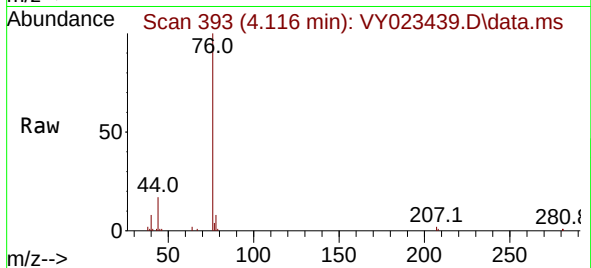




#17  
Carbon Disulfide  
Concen: 1.742 ug/l  
RT: 4.116 min Scan# 391  
Delta R.T. 0.012 min  
Lab File: VY023439.D  
Acq: 10 Oct 2025 15:13

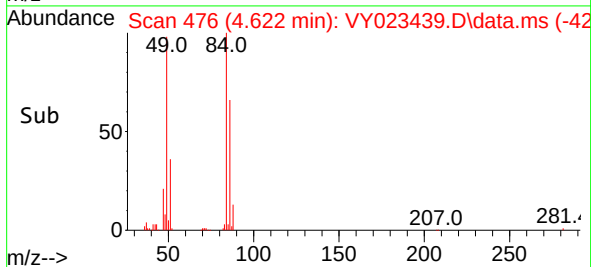
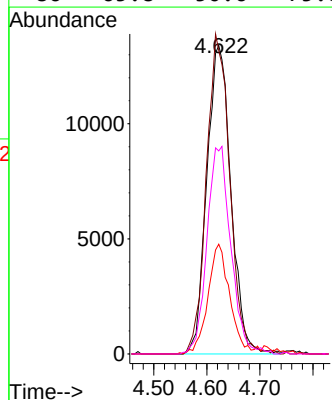
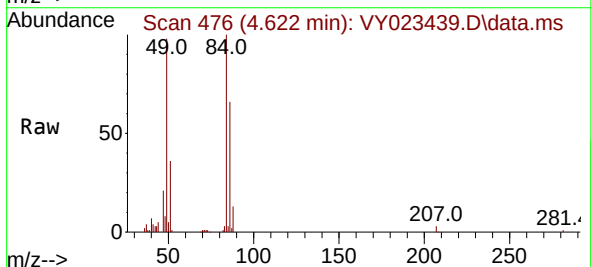
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SED-06-0-2

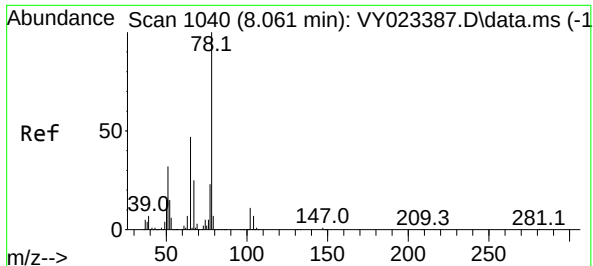
Tgt Ion: 76 Resp: 27280  
Ion Ratio Lower Upper  
76 100  
78 7.6 7.3 10.9



#20  
Methylene Chloride  
Concen: 6.423 ug/l  
RT: 4.622 min Scan# 476  
Delta R.T. 0.006 min  
Lab File: VY023439.D  
Acq: 10 Oct 2025 15:13

Tgt Ion: 84 Resp: 42414  
Ion Ratio Lower Upper  
84 100  
49 98.3 80.2 120.4  
51 35.1 25.9 38.9  
86 65.8 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 58.232 ug/l

RT: 8.067 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023439.D

Acq: 10 Oct 2025 15:13

Instrument :

MSVOA\_Y

ClientSampleId :

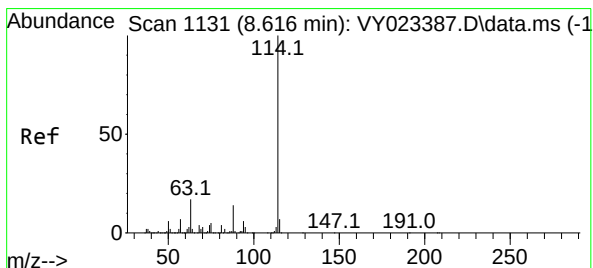
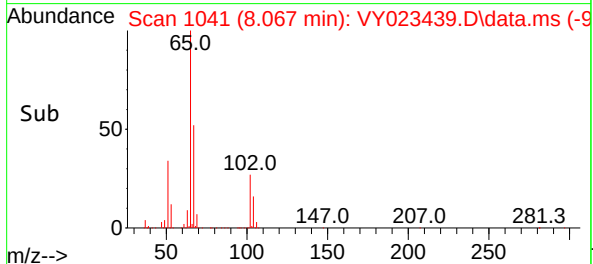
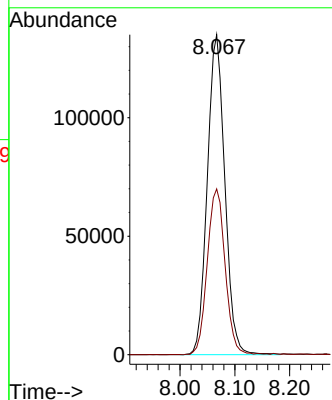
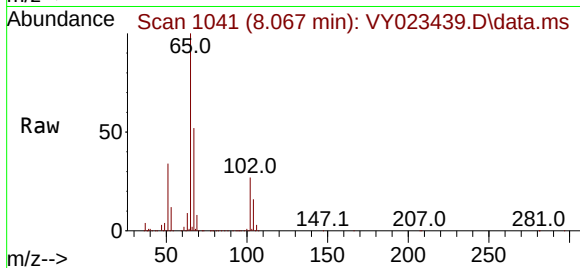
SED-06-0-2

Tgt Ion: 65 Resp: 298710

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023439.D

Acq: 10 Oct 2025 15:13

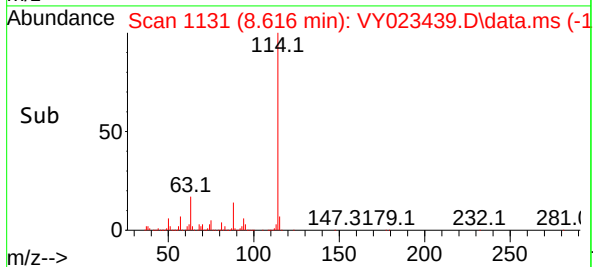
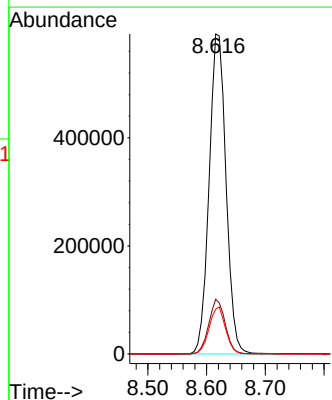
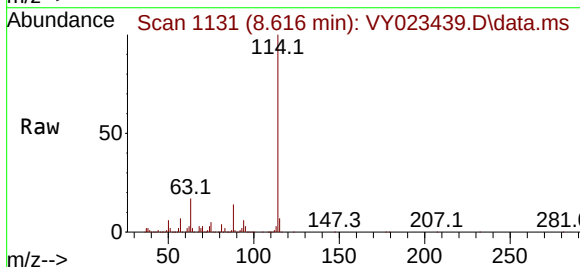
Tgt Ion:114 Resp: 1182950

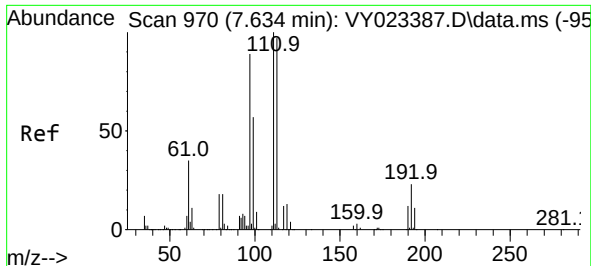
Ion Ratio Lower Upper

114 100

63 17.1 0.0 34.2

88 14.0 0.0 28.4

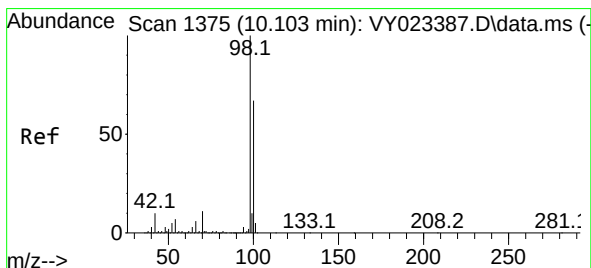
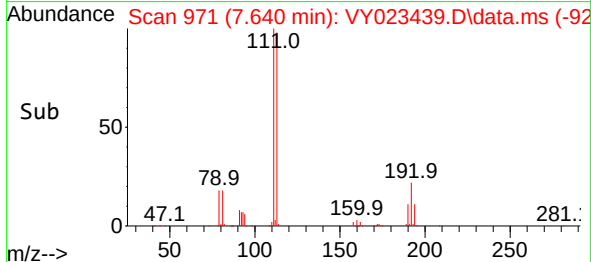
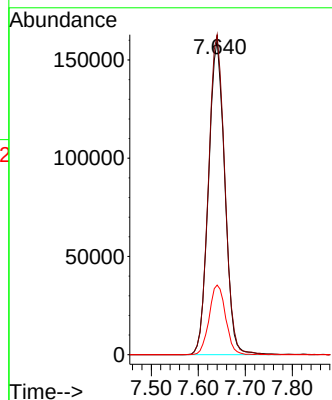
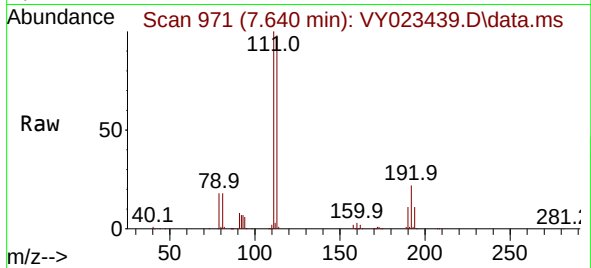




#35  
Dibromofluoromethane  
Concen: 52.733 ug/l  
RT: 7.640 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY023439.D  
Acq: 10 Oct 2025 15:13

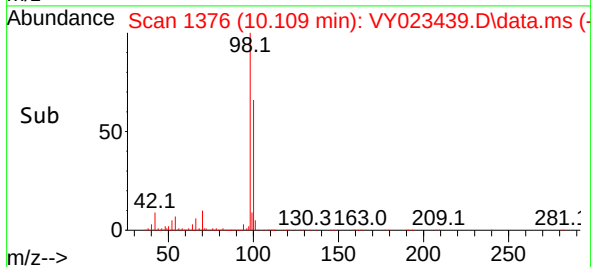
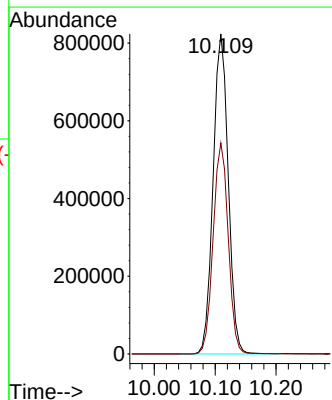
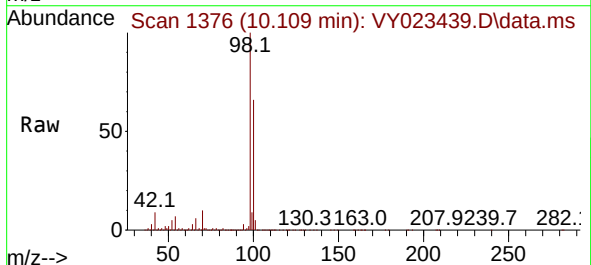
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SED-06-0-2

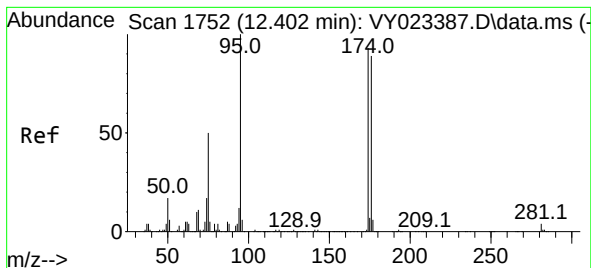
Tgt Ion:113 Resp: 383299  
Ion Ratio Lower Upper  
113 100  
111 102.4 81.8 122.6  
192 22.4 18.0 27.0



#50  
Toluene-d8  
Concen: 52.361 ug/l  
RT: 10.109 min Scan# 1376  
Delta R.T. 0.006 min  
Lab File: VY023439.D  
Acq: 10 Oct 2025 15:13

Tgt Ion: 98 Resp: 1417365  
Ion Ratio Lower Upper  
98 100  
100 65.7 53.0 79.4

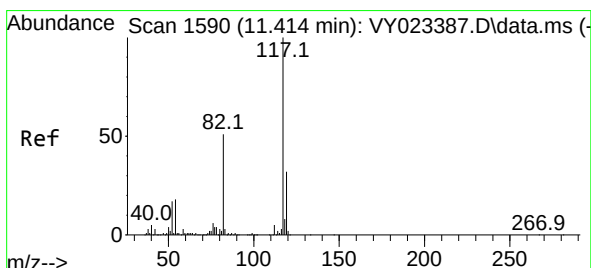
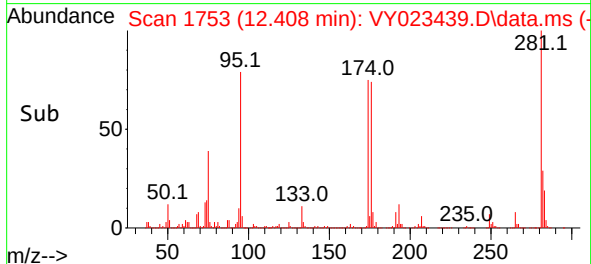
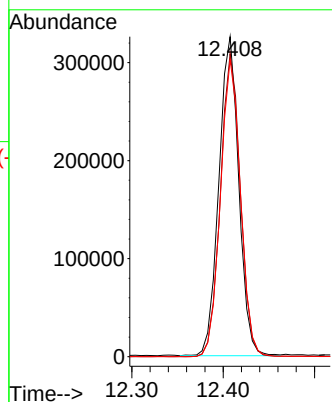
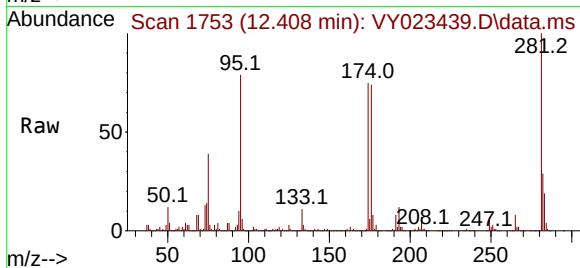




#62  
4-Bromofluorobenzene  
Concen: 55.237 ug/l  
RT: 12.408 min Scan# 1753  
Delta R.T. 0.006 min  
Lab File: VY023439.D  
Acq: 10 Oct 2025 15:13

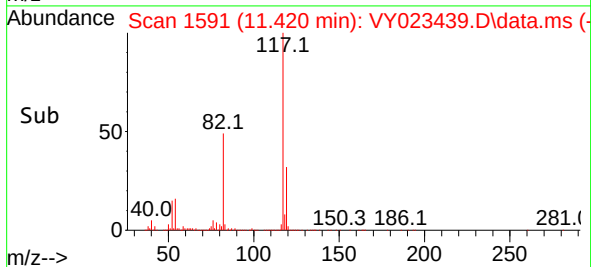
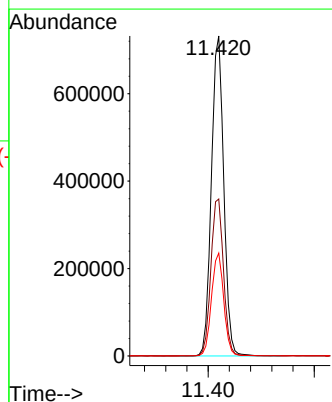
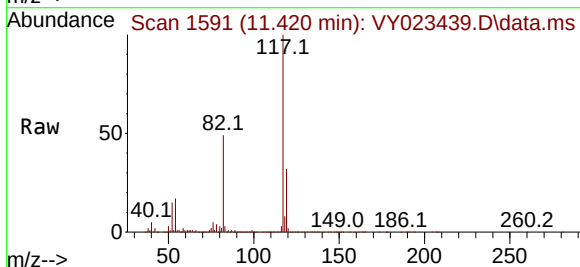
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SED-06-0-2

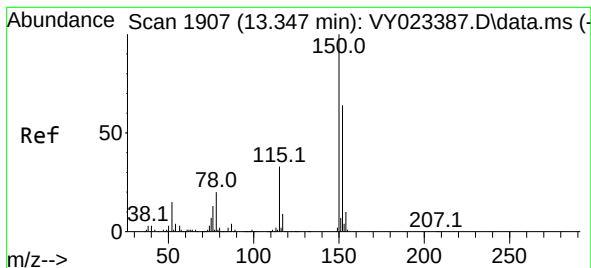
Tgt Ion: 95 Resp: 493644  
Ion Ratio Lower Upper  
95 100  
174 94.9 0.0 192.8  
176 93.6 0.0 187.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.420 min Scan# 1591  
Delta R.T. 0.006 min  
Lab File: VY023439.D  
Acq: 10 Oct 2025 15:13

Tgt Ion: 117 Resp: 1184267  
Ion Ratio Lower Upper  
117 100  
82 49.0 41.0 61.4  
119 32.1 25.6 38.4





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.346 min Scan# 1907  
 Delta R.T. -0.000 min  
 Lab File: VY023439.D  
 Acq: 10 Oct 2025 15:13

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SED-06-0-2

Tgt Ion:152 Resp: 480884  
 Ion Ratio Lower Upper  
 152 100  
 115 54.3 27.1 81.2  
 150 156.7 0.0 347.4

