

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV120425\  
 Data File : VV039468.D  
 Acq On : 04 Dec 2025 15:03  
 Operator : SY/MD  
 Sample : Q3756-02  
 Misc : 25.0 mL/MSVOA\_V/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Dec 05 00:10:16 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVSIM120325MA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Dec 04 00:58:46 2025  
 Response via : Initial Calibration

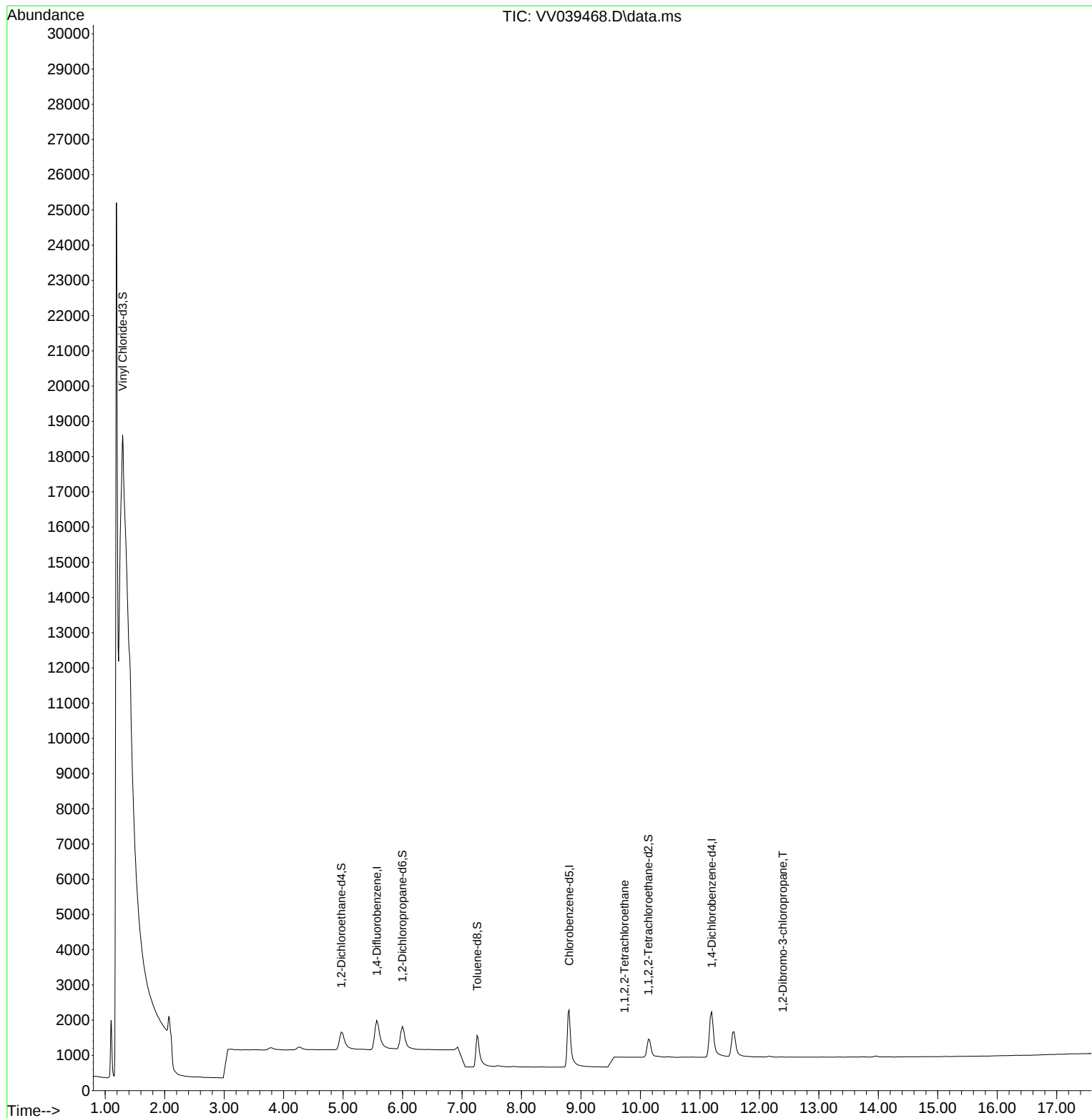
| Compound                      | R.T. QIon |       | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|-----------|-------|----------|----------|--------|-----------|
| -----                         |           |       |          |          |        |           |
| Internal Standards            |           |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 5.566     | 114   | 3823     | 0.500    | ug/L   | 0.00      |
| 5) Chlorobenzene-d5           | 8.800     | 117   | 3906     | 0.500    | ug/L   | 0.02      |
| 12) 1,4-Dichlorobenzene-d4    | 11.197    | 152   | 2028     | 0.500    | ug/L   | 0.02      |
| System Monitoring Compounds   |           |       |          |          |        |           |
| 2) Vinyl Chloride-d3          | 1.294     | 65    | 2733     | 0.711    | ug/L   | 0.00      |
| Spiked Amount                 | 0.500     | Range | 40 - 130 | Recovery | =      | 142.000%# |
| 4) 1,2-Dichloroethane-d4      | 4.969     | 65    | 1499     | 0.589    | ug/L   | 0.00      |
| Spiked Amount                 | 0.500     | Range | 70 - 130 | Recovery | =      | 118.000%  |
| 7) 1,2-Dichloropropane-d6     | 5.995     | 67    | 1414     | 0.429    | ug/L   | -0.02     |
| Spiked Amount                 | 0.500     | Range | 60 - 140 | Recovery | =      | 86.000%   |
| 8) Toluene-d8                 | 7.253     | 98    | 2475     | 0.445    | ug/L   | 0.02      |
| Spiked Amount                 | 0.500     | Range | 70 - 130 | Recovery | =      | 90.000%   |
| 10) 1,1,2,2-Tetrachloroeth... | 10.133    | 84    | 1480     | 0.797    | ug/L   | 0.00      |
| Spiked Amount                 | 0.500     | Range | 65 - 120 | Recovery | =      | 160.000%# |
| Target Compounds              |           |       |          |          |        |           |
|                               |           |       |          |          |        | Qvalue    |
| 11) 1,1,2,2-Tetrachloroethane | 9.733     | 83    | 1856     | 0.474    | ug/L # | 71        |
| 14) 1,2-Dibromo-3-chloropr... | 12.395    | 75    | 15       | 0.035    | ug/L   | 96        |
| -----                         |           |       |          |          |        |           |

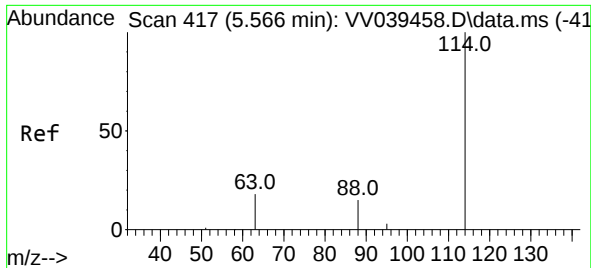
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV120425\  
Data File : VV039468.D  
Acq On : 04 Dec 2025 15:03  
Operator : SY/MD  
Sample : Q3756-02  
Misc : 25.0 mL/MSVOA\_V/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :

Quant Time: Dec 05 00:10:16 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVSIM120325MA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Thu Dec 04 00:58:46 2025  
Response via : Initial Calibration

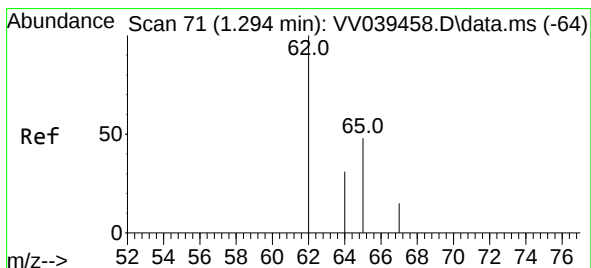
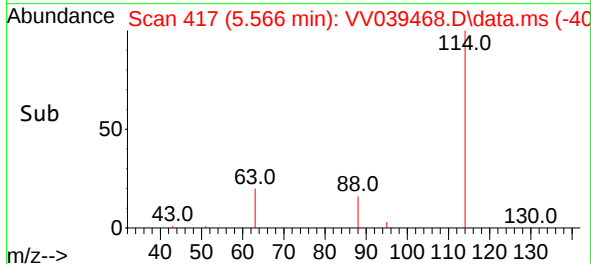
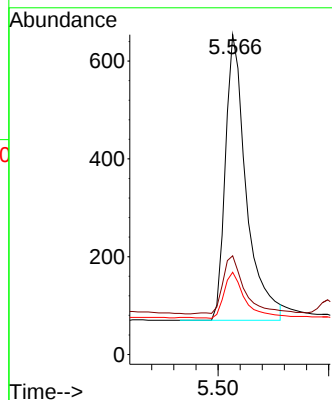
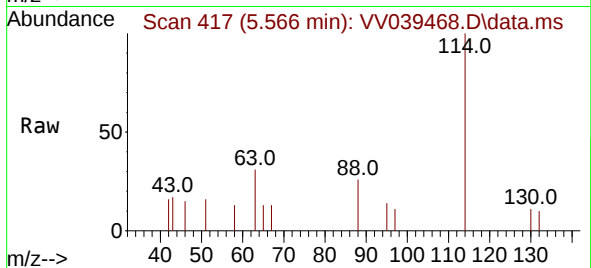




#1  
1,4-Difluorobenzene  
Concen: 0.500 ug/L  
RT: 5.566 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VV039468.D  
Acq: 04 Dec 2025 15:03

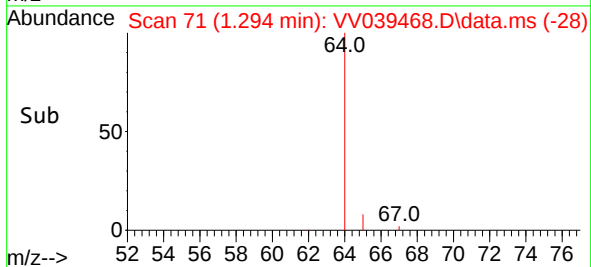
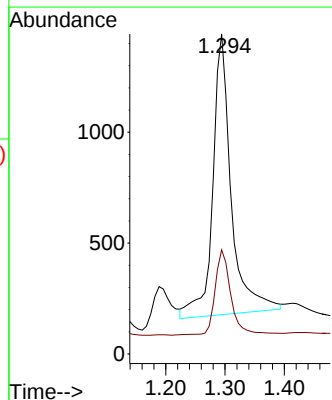
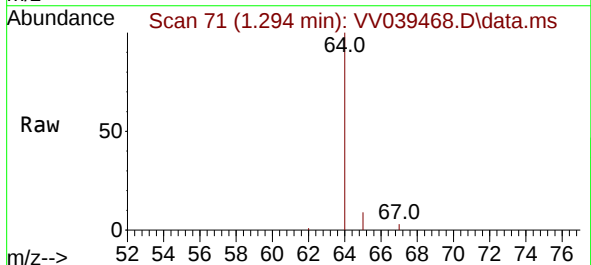
Instrument :  
MSVOA\_V  
ClientSampleId :

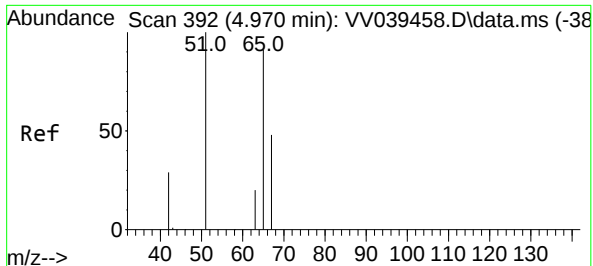
Tgt Ion:114 Resp: 3823  
Ion Ratio Lower Upper  
114 100  
63 20.8 15.0 22.4  
88 15.5 12.0 18.0



#2  
Vinyl Chloride-d3  
Concen: 0.711 ug/L  
RT: 1.294 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VV039468.D  
Acq: 04 Dec 2025 15:03

Tgt Ion: 65 Resp: 2733  
Ion Ratio Lower Upper  
65 100  
67 26.6 22.3 41.5

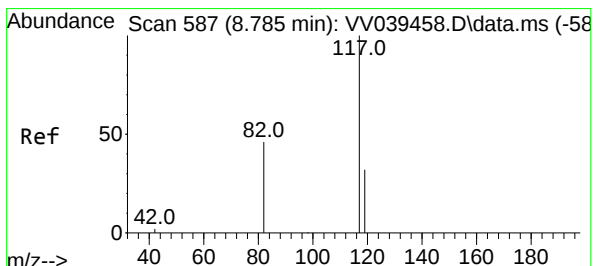
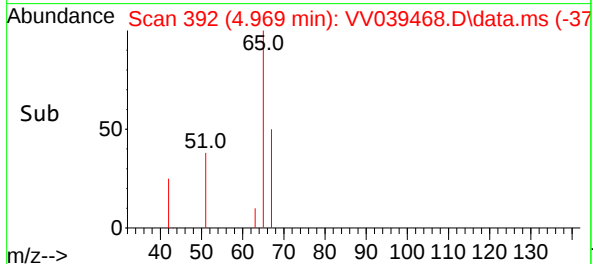
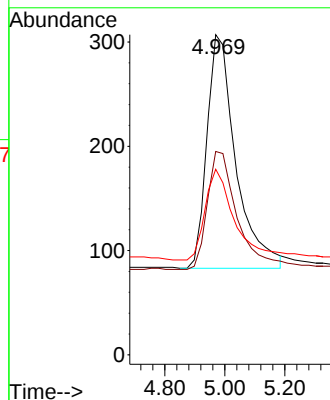
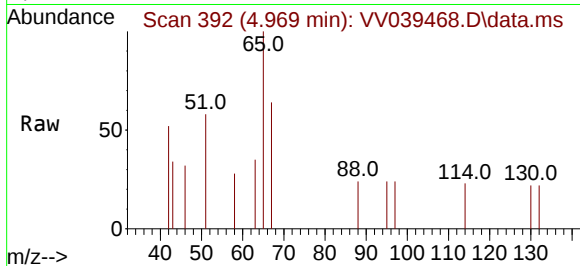




#4  
1,2-Dichloroethane-d4  
Concen: 0.589 ug/L  
RT: 4.969 min Scan# 392  
Delta R.T. 0.000 min  
Lab File: VV039468.D  
Acq: 04 Dec 2025 15:03

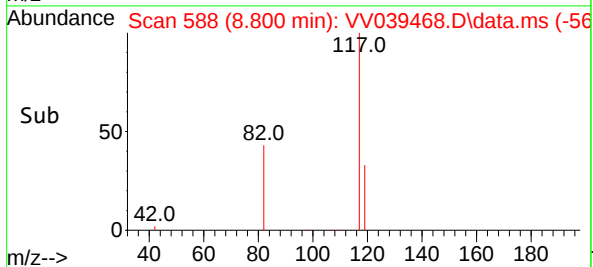
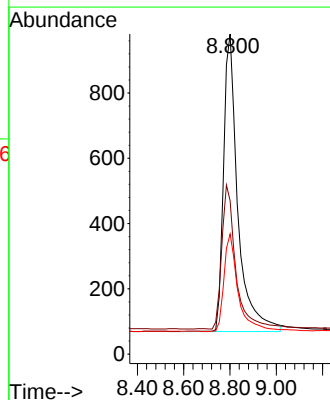
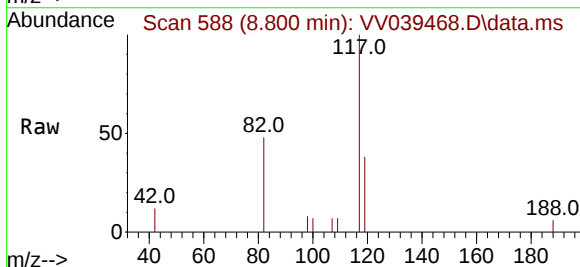
Instrument :  
MSVOA\_V  
ClientSampleId :

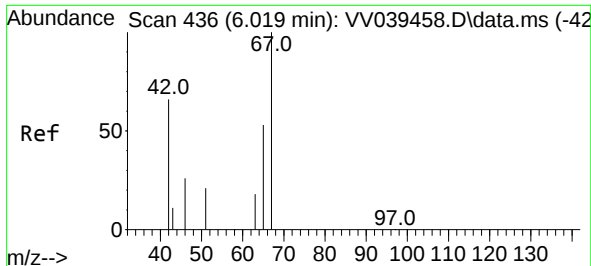
Tgt Ion: 65 Resp: 1499  
Ion Ratio Lower Upper  
65 100  
67 52.0 32.5 60.3  
51 39.6 121.4 225.6#



#5  
Chlorobenzene-d5  
Concen: 0.500 ug/L  
RT: 8.800 min Scan# 588  
Delta R.T. 0.015 min  
Lab File: VV039468.D  
Acq: 04 Dec 2025 15:03

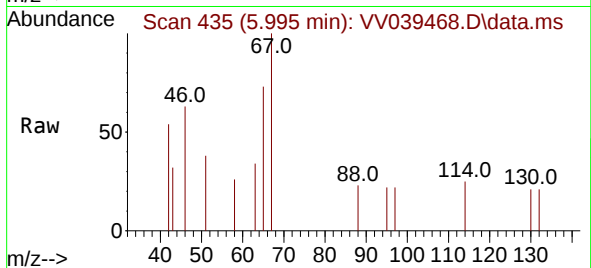
Tgt Ion: 117 Resp: 3906  
Ion Ratio Lower Upper  
117 100  
82 47.6 39.4 59.2  
119 32.4 26.2 39.2



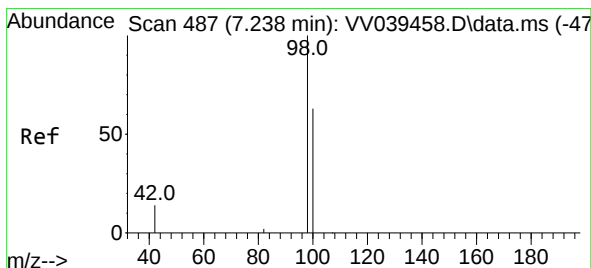
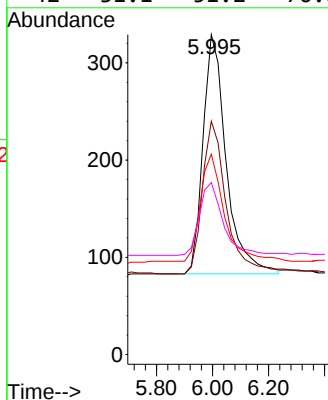
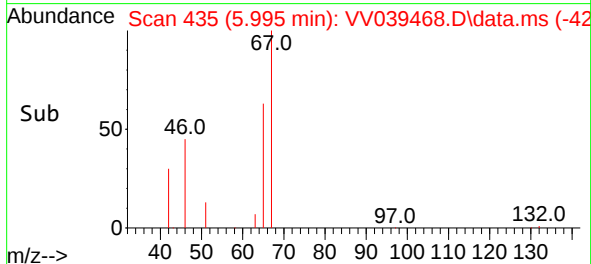


#7  
1,2-Dichloropropane-d6  
Concen: 0.429 ug/L  
RT: 5.995 min Scan# 41  
Delta R.T. -0.024 min  
Lab File: VV039468.D  
Acq: 04 Dec 2025 15:03

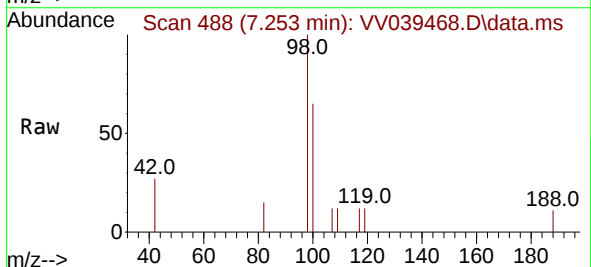
Instrument :  
MSVOA\_V  
ClientSampleId :



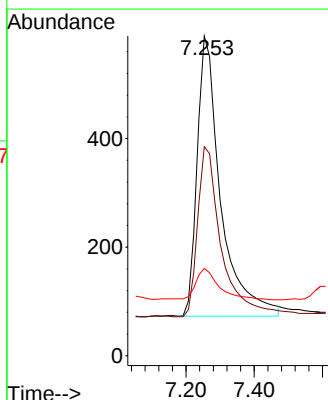
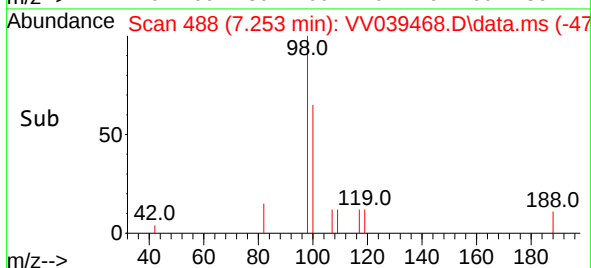
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 67    | Resp: | 1414  |
| Ion      | Ratio | Lower | Upper |
| 67       | 100   |       |       |
| 65       | 65.2  | 37.9  | 56.9# |
| 46       | 45.9  | 27.4  | 41.0# |
| 42       | 31.1  | 51.2  | 76.8# |

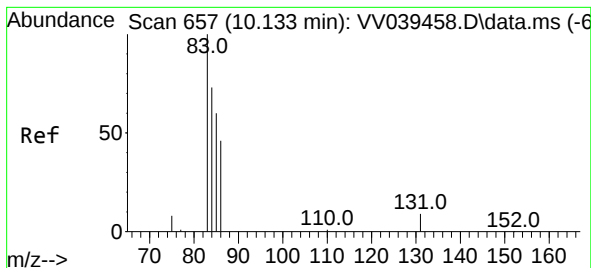


#8  
Toluene-d8  
Concen: 0.445 ug/L  
RT: 7.253 min Scan# 488  
Delta R.T. 0.015 min  
Lab File: VV039468.D  
Acq: 04 Dec 2025 15:03



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 98    | Resp: | 2475  |
| Ion      | Ratio | Lower | Upper |
| 98       | 100   |       |       |
| 100      | 61.0  | 44.5  | 82.7  |
| 42       | 11.0  | 10.1  | 18.7  |

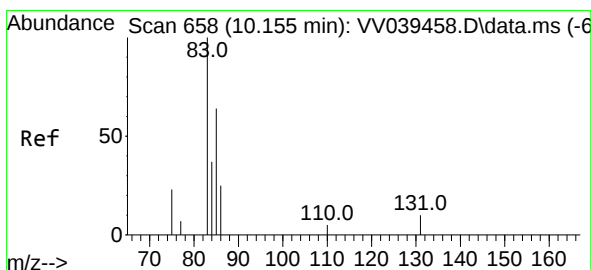
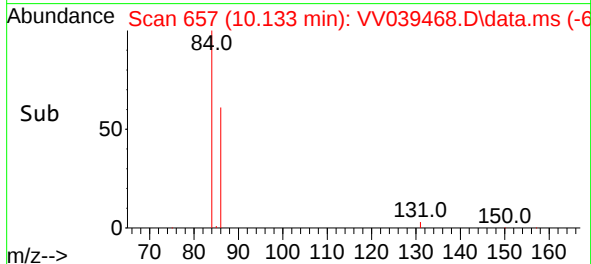
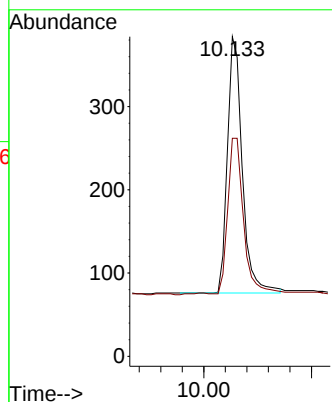
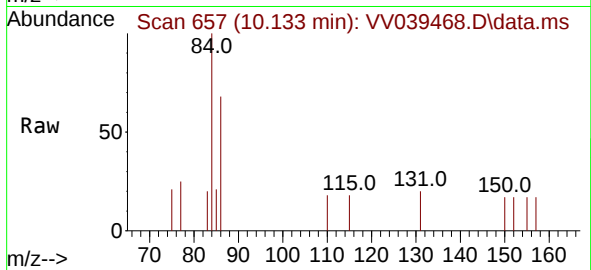




#10  
1,1,2,2-Tetrachloroethane-d2  
Concen: 0.797 ug/L  
RT: 10.133 min Scan# 610  
Delta R.T. -0.000 min  
Lab File: VV039468.D  
Acq: 04 Dec 2025 15:03

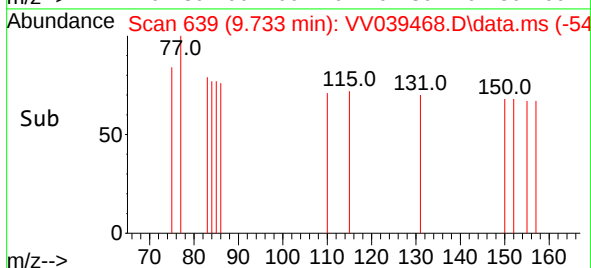
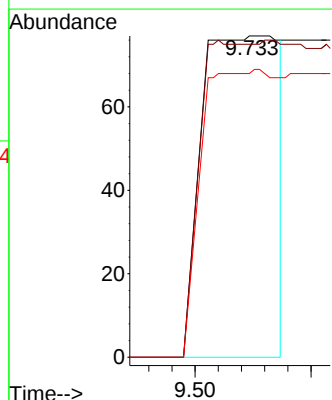
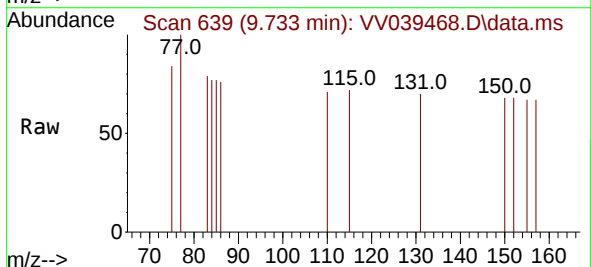
Instrument :  
MSVOA\_V  
ClientSampleId :

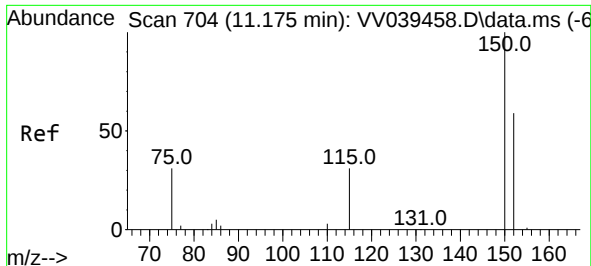
Tgt Ion: 84 Resp: 1480  
Ion Ratio Lower Upper  
84 100  
86 64.2 44.4 82.5



#11  
1,1,2,2-Tetrachloroethane  
Concen: 0.474 ug/L  
RT: 9.733 min Scan# 639  
Delta R.T. -0.421 min  
Lab File: VV039468.D  
Acq: 04 Dec 2025 15:03

Tgt Ion: 83 Resp: 1856  
Ion Ratio Lower Upper  
83 100  
85 42.6 51.0 76.6#  
131 26.1 8.6 12.8#





#12

1,4-Dichlorobenzene-d4

Concen: 0.500 ug/L

RT: 11.197 min Scan# 704

Delta R.T. 0.022 min

Lab File: VV039468.D

Acq: 04 Dec 2025 15:03

Instrument :

MSVOA\_V

ClientSampleId :

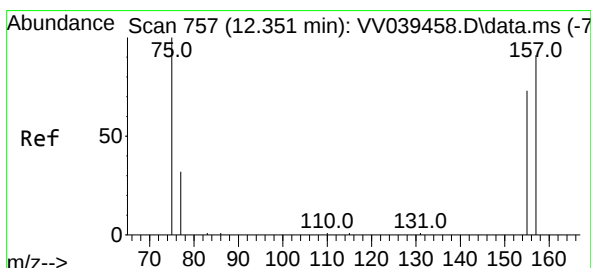
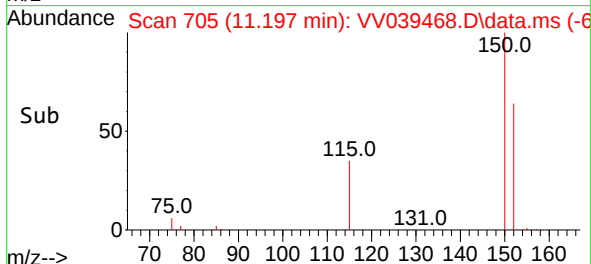
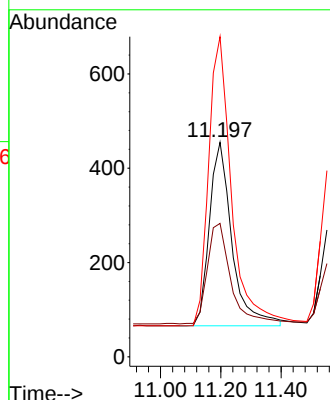
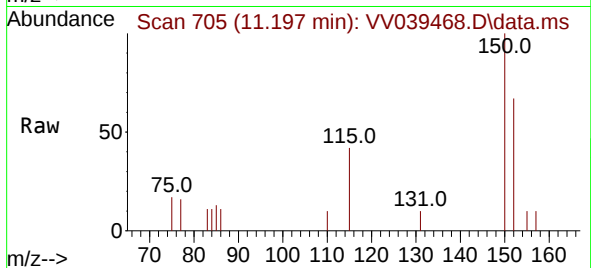
Tgt Ion:152 Resp: 2028

Ion Ratio Lower Upper

152 100

115 56.5 0.0 101.6

150 159.2 0.0 396.2



#14

1,2-Dibromo-3-chloropropane

Concen: 0.035 ug/L

RT: 12.395 min Scan# 759

Delta R.T. 0.044 min

Lab File: VV039468.D

Acq: 04 Dec 2025 15:03

Tgt Ion: 75 Resp: 15

Ion Ratio Lower Upper

75 100

157 79.5 67.8 101.6

155 79.5 61.9 92.9

