

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV121025\  
 Data File : VV039518.D  
 Acq On : 10 Dec 2025 09:36  
 Operator : SY/MD  
 Sample : VV1210WBL01  
 Misc : 25.0 mL/MSVOA\_V/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK239

Quant Time: Dec 11 00:05:16 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVSIM120325MA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Dec 09 08:40:48 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.566  | 114   | 5966     | 0.500    | ug/L  | 0.00     |
| 5) Chlorobenzene-d5           | 8.800  | 117   | 5775     | 0.500    | ug/L  | 0.02     |
| 12) 1,4-Dichlorobenzene-d4    | 11.197 | 152   | 2945     | 0.500    | ug/L  | 0.02     |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 2) Vinyl Chloride-d3          | 1.294  | 65    | 3410     | 0.582    | ug/L  | 0.00     |
| Spiked Amount                 | 0.500  | Range | 40 - 130 | Recovery | =     | 116.000% |
| 4) 1,2-Dichloroethane-d4      | 4.969  | 65    | 1886     | 0.475    | ug/L  | 0.00     |
| Spiked Amount                 | 0.500  | Range | 70 - 130 | Recovery | =     | 94.000%  |
| 7) 1,2-Dichloropropane-d6     | 5.995  | 67    | 2149     | 0.441    | ug/L  | -0.02    |
| Spiked Amount                 | 0.500  | Range | 60 - 140 | Recovery | =     | 88.000%  |
| 8) Toluene-d8                 | 7.253  | 98    | 4093     | 0.498    | ug/L  | 0.02     |
| Spiked Amount                 | 0.500  | Range | 70 - 130 | Recovery | =     | 100.000% |
| 10) 1,1,2,2-Tetrachloroeth... | 10.133 | 84    | 1521     | 0.554    | ug/L  | 0.00     |
| Spiked Amount                 | 0.500  | Range | 65 - 120 | Recovery | =     | 110.000% |

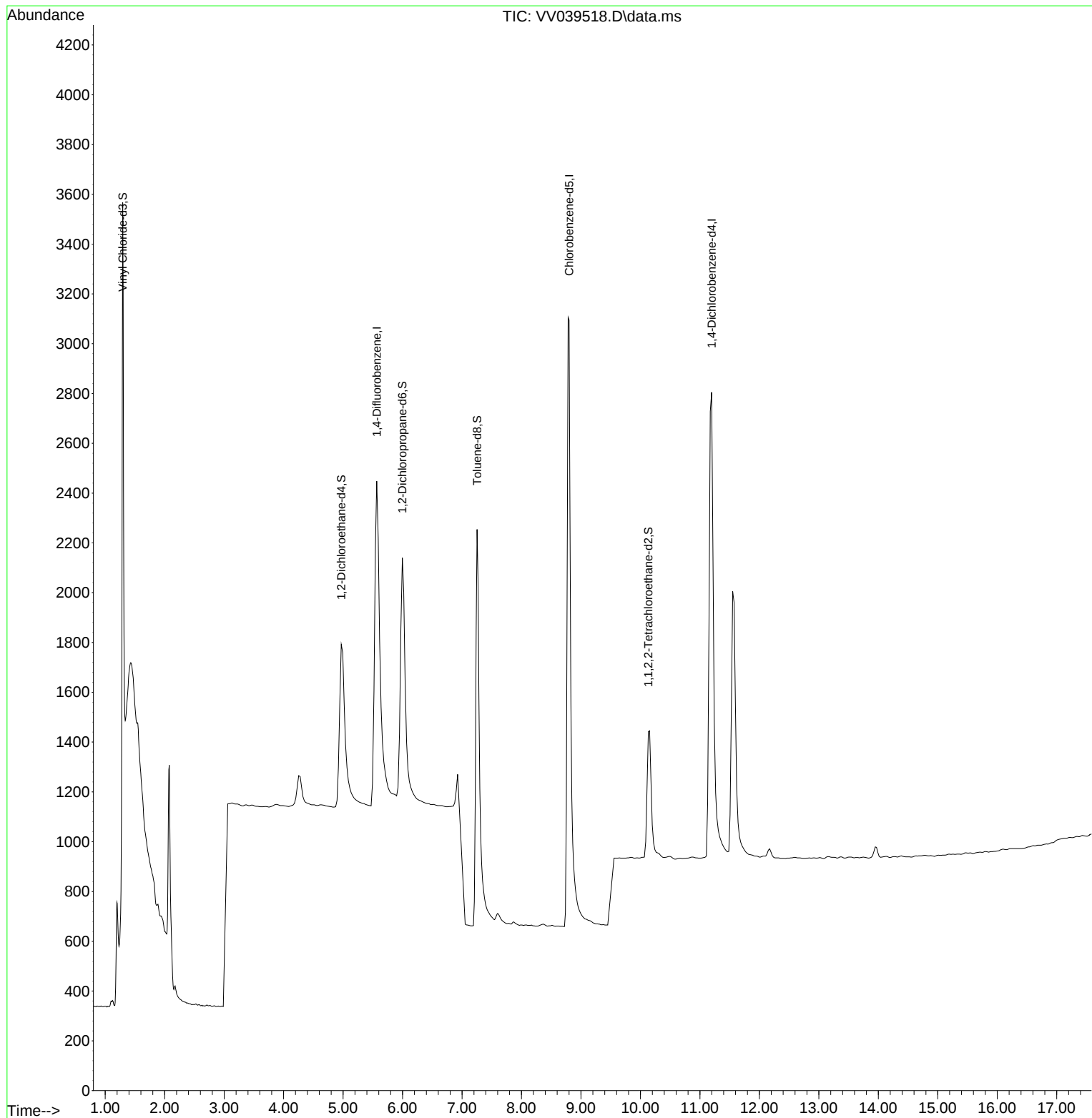
Target Compounds Qvalue

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

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MSVOA\_V  
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VBLK239

Quant Time: Dec 11 00:05:16 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVSIM120325MA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Tue Dec 09 08:40:48 2025  
Response via : Initial Calibration

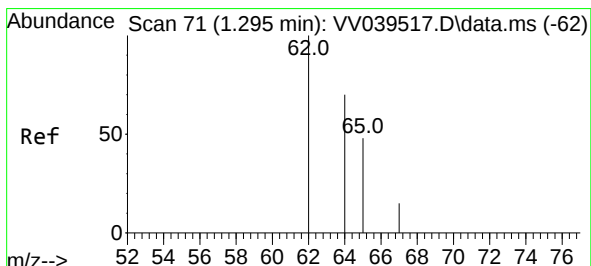
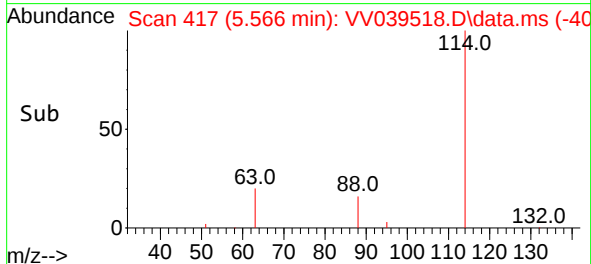
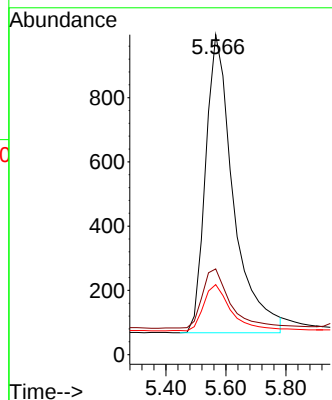
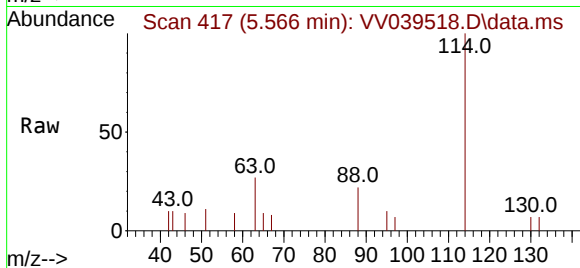




#1  
1,4-Difluorobenzene  
Concen: 0.500 ug/L  
RT: 5.566 min Scan# 417  
Delta R.T. -0.000 min  
Lab File: VV039518.D  
Acq: 10 Dec 2025 09:36

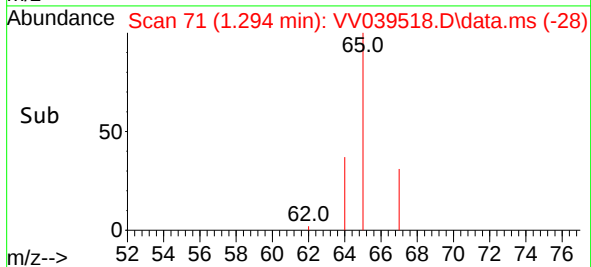
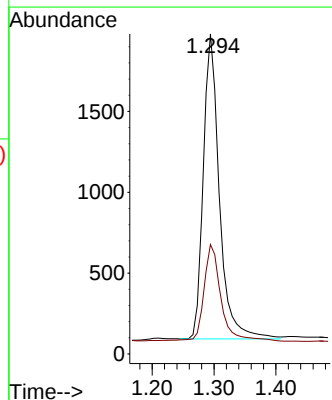
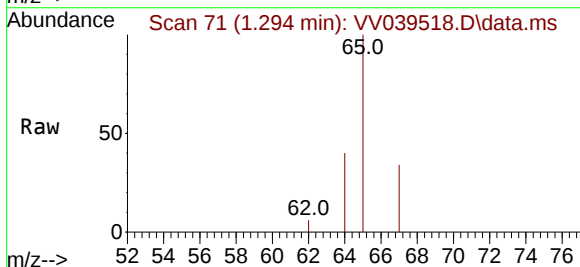
Instrument :  
MSVOA\_V  
ClientSampleId :  
VBLK239

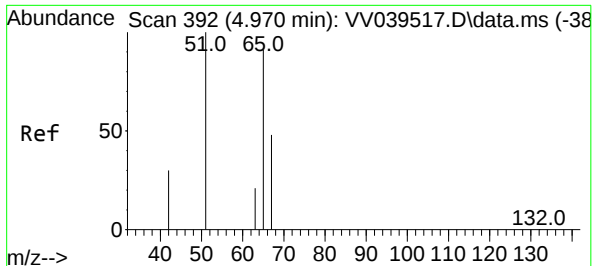
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 114   | Resp: | 5966  |
| Ion      | Ratio | Lower | Upper |
| 114      | 100   |       |       |
| 63       | 20.1  | 15.0  | 22.4  |
| 88       | 15.4  | 12.0  | 18.0  |



#2  
Vinyl Chloride-d3  
Concen: 0.582 ug/L  
RT: 1.294 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VV039518.D  
Acq: 10 Dec 2025 09:36

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 65    | Resp: | 3410  |
| Ion      | Ratio | Lower | Upper |
| 65       | 100   |       |       |
| 67       | 34.0  | 22.3  | 41.5  |

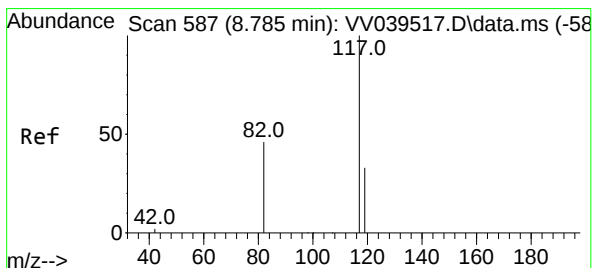
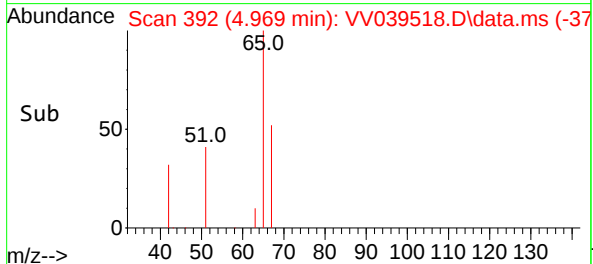
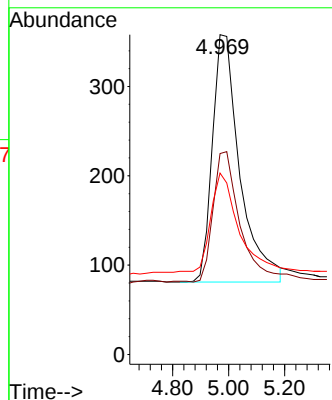
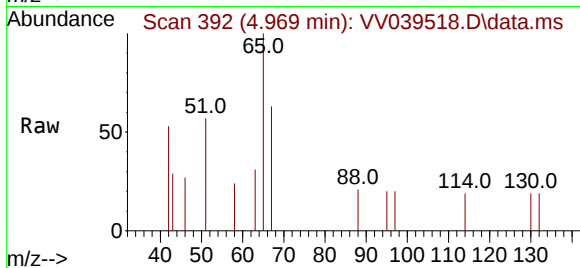




#4  
1,2-Dichloroethane-d4  
Concen: 0.475 ug/L  
RT: 4.969 min Scan# 392  
Delta R.T. 0.000 min  
Lab File: VV039518.D  
Acq: 10 Dec 2025 09:36

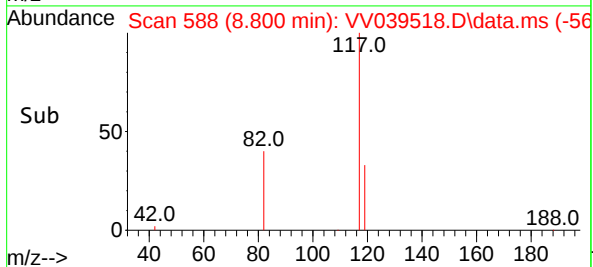
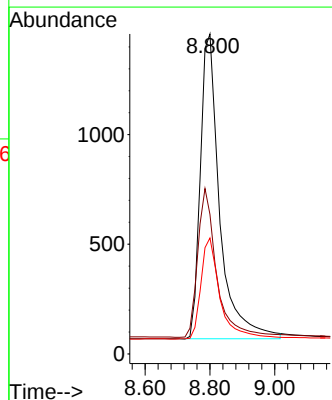
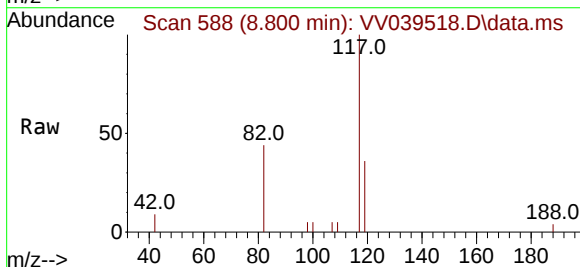
Instrument :  
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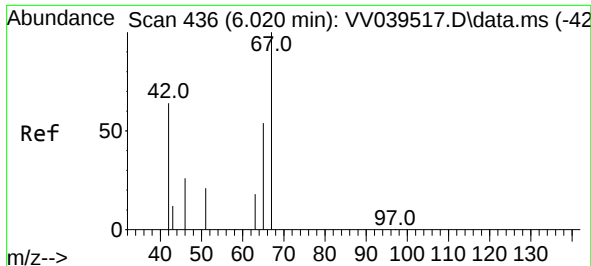
Tgt Ion: 65 Resp: 1886  
Ion Ratio Lower Upper  
65 100  
67 51.6 32.5 60.3  
51 41.7 121.4 225.6#



#5  
Chlorobenzene-d5  
Concen: 0.500 ug/L  
RT: 8.800 min Scan# 588  
Delta R.T. 0.015 min  
Lab File: VV039518.D  
Acq: 10 Dec 2025 09:36

Tgt Ion: 117 Resp: 5775  
Ion Ratio Lower Upper  
117 100  
82 47.8 39.4 59.2  
119 32.9 26.2 39.2

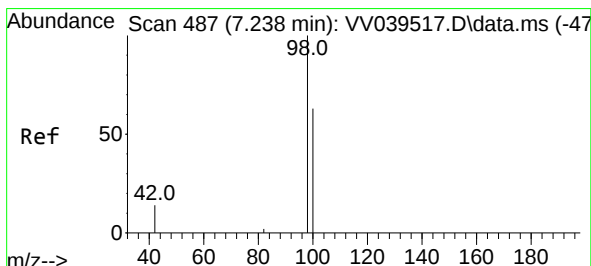
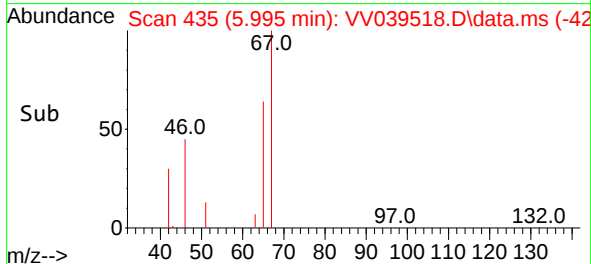
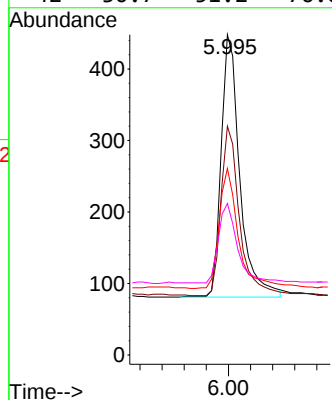
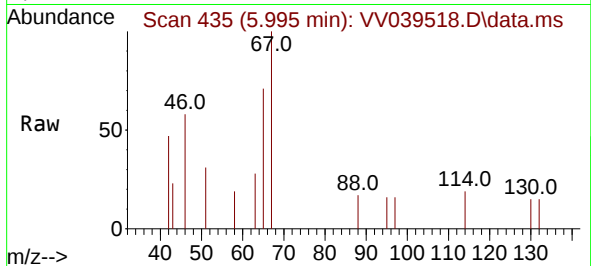




#7  
1,2-Dichloropropane-d6  
Concen: 0.441 ug/L  
RT: 5.995 min Scan# 41  
Delta R.T. -0.024 min  
Lab File: VV039518.D  
Acq: 10 Dec 2025 09:36

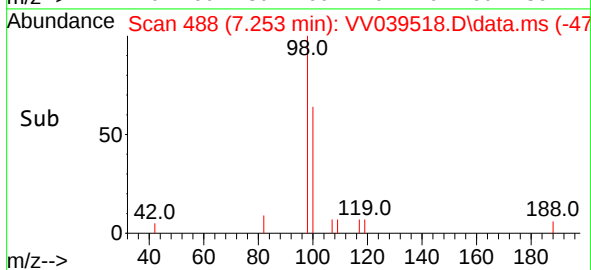
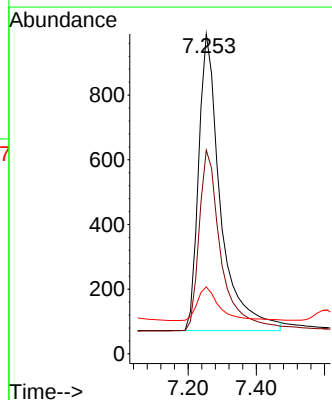
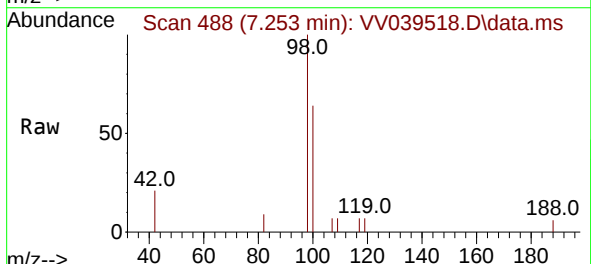
Instrument :  
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ClientSampleId :  
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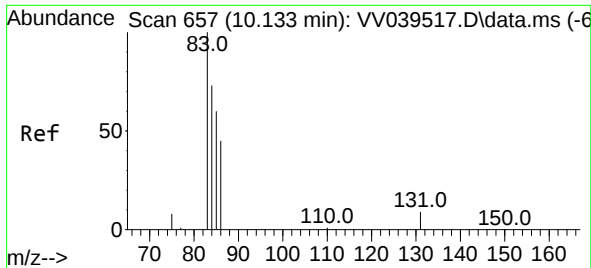
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 67    | Resp: | 2149  |
| Ion      | Ratio | Lower | Upper |
| 67       | 100   |       |       |
| 65       | 64.0  | 37.9  | 56.9# |
| 46       | 46.5  | 27.4  | 41.0# |
| 42       | 30.7  | 51.2  | 76.8# |



#8  
Toluene-d8  
Concen: 0.498 ug/L  
RT: 7.253 min Scan# 488  
Delta R.T. 0.015 min  
Lab File: VV039518.D  
Acq: 10 Dec 2025 09:36

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 98    | Resp: | 4093  |
| Ion      | Ratio | Lower | Upper |
| 98       | 100   |       |       |
| 100      | 60.7  | 44.5  | 82.7  |
| 42       | 11.3  | 10.1  | 18.7  |

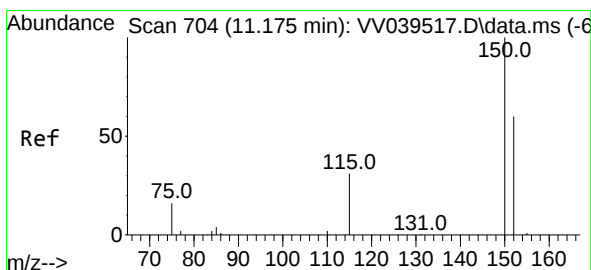
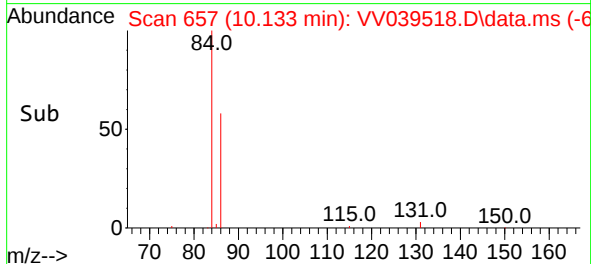
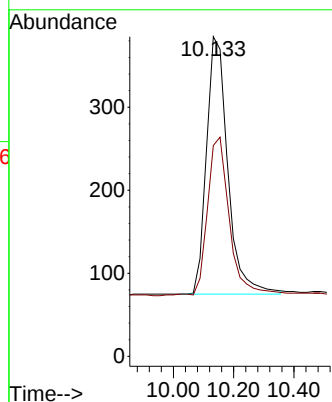
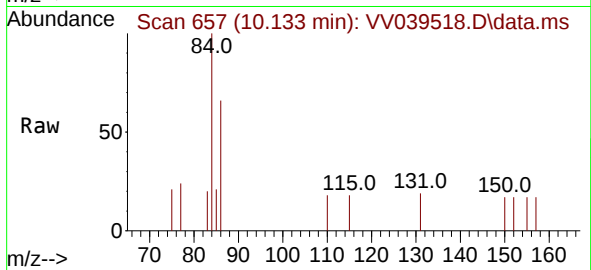




#10  
1,1,2,2-Tetrachloroethane-d2  
Concen: 0.554 ug/L  
RT: 10.133 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VV039518.D  
Acq: 10 Dec 2025 09:36

Instrument :  
MSVOA\_V  
ClientSampleId :  
VBLK239

Tgt Ion: 84 Resp: 1521  
Ion Ratio Lower Upper  
84 100  
86 64.0 44.4 82.5



#12  
1,4-Dichlorobenzene-d4  
Concen: 0.500 ug/L  
RT: 11.197 min Scan# 705  
Delta R.T. 0.022 min  
Lab File: VV039518.D  
Acq: 10 Dec 2025 09:36

Tgt Ion:152 Resp: 2945  
Ion Ratio Lower Upper  
152 100  
115 55.2 0.0 101.6  
150 160.1 0.0 396.2

