

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV082025\  
 Data File : VV038969.D  
 Acq On : 20 Aug 2025 10:01  
 Operator : SY/MD  
 Sample : VU0820WBL01  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK231

Quant Time: Aug 21 01:22:41 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVSIM081925.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Aug 20 03:16:00 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.566  | 114   | 5798     | 0.500    | ug/L  | 0.00     |
| 5) Chlorobenzene-d5           | 8.785  | 117   | 5458     | 0.500    | ug/L  | 0.00     |
| 11) 1,4-Dichlorobenzene-d4    | 11.191 | 152   | 2433     | 0.500    | ug/L  | 0.00     |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 2) Vinyl Chloride-d3          | 1.294  | 65    | 2569     | 0.484    | ug/L  | 0.00     |
| Spiked Amount                 | 0.500  | Range | 40 - 130 | Recovery | =     | 96.000%  |
| 4) 1,2-Dichloroethane-d4      | 4.969  | 65    | 1327     | 0.426    | ug/L  | 0.00     |
| Spiked Amount                 | 0.500  | Range | 70 - 130 | Recovery | =     | 86.000%  |
| 7) 1,2-Dichloropropane-d6     | 5.995  | 67    | 1565     | 0.520    | ug/L  | 0.00     |
| Spiked Amount                 | 0.500  | Range | 60 - 140 | Recovery | =     | 104.000% |
| 8) Toluene-d8                 | 7.253  | 98    | 3019     | 0.447    | ug/L  | 0.00     |
| Spiked Amount                 | 0.500  | Range | 70 - 130 | Recovery | =     | 90.000%  |
| 10) 1,1,2,2-Tetrachloroeth... | 10.146 | 84    | 1080     | 0.506    | ug/L  | 0.00     |
| Spiked Amount                 | 0.500  | Range | 65 - 120 | Recovery | =     | 102.000% |

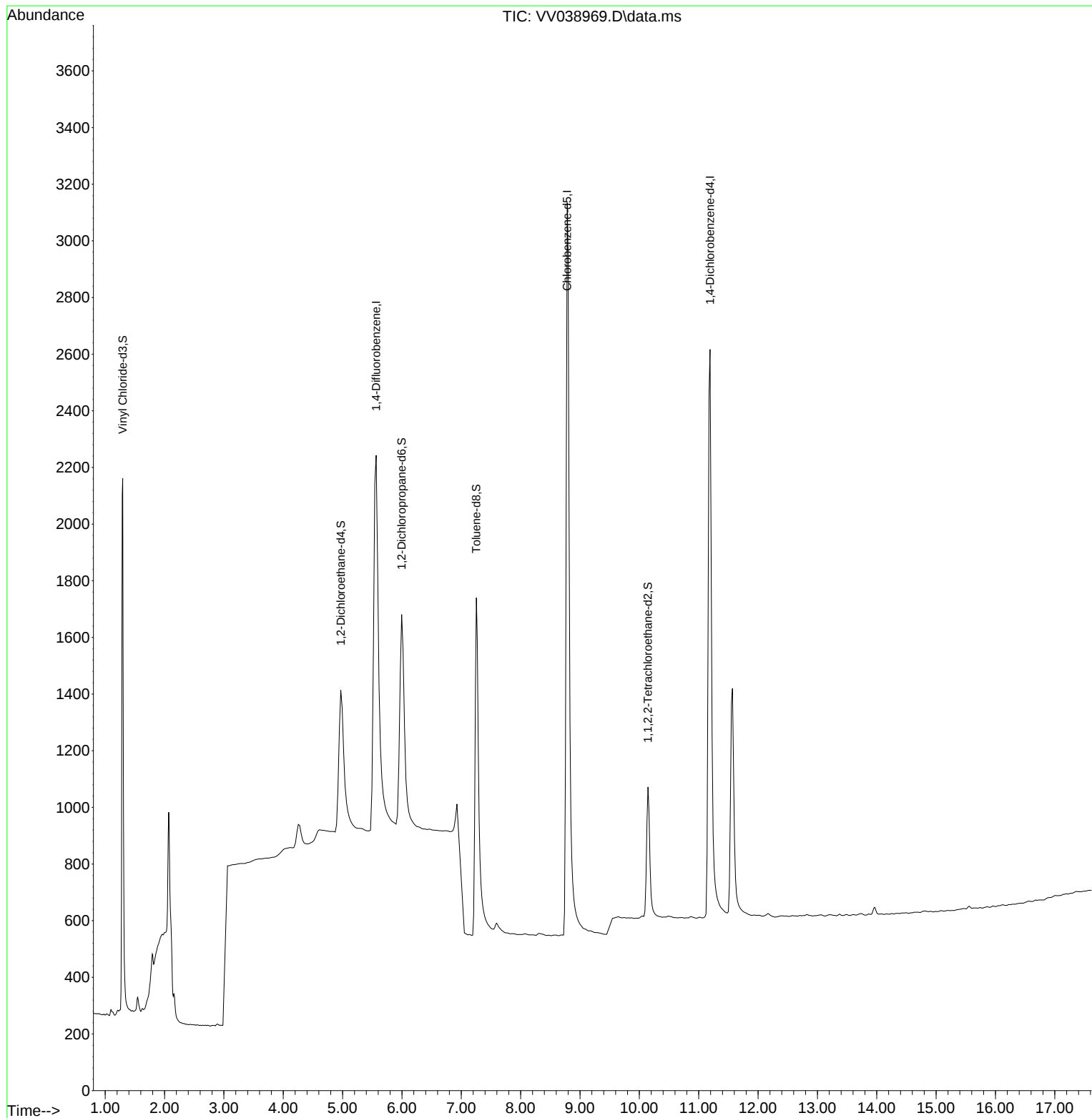
Target Compounds Qvalue

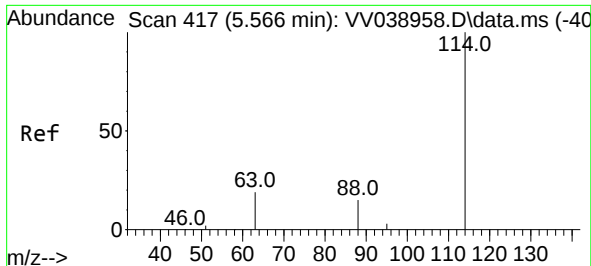
-----  
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV082025\  
Data File : VV038969.D  
Acq On : 20 Aug 2025 10:01  
Operator : SY/MD  
Sample : VU0820WBL01  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VBLK231

Quant Time: Aug 21 01:22:41 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVSIM081925.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Wed Aug 20 03:16:00 2025  
Response via : Initial Calibration

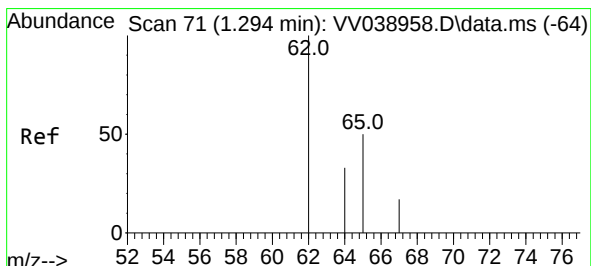
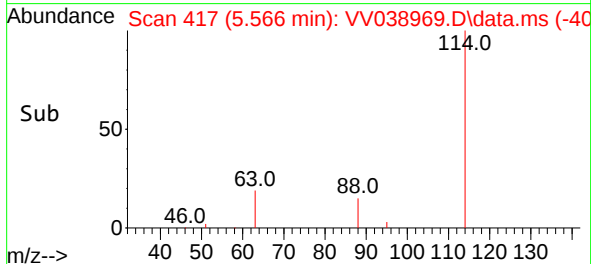
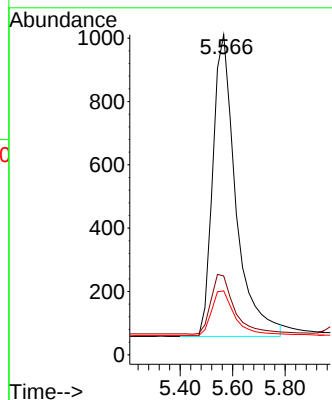
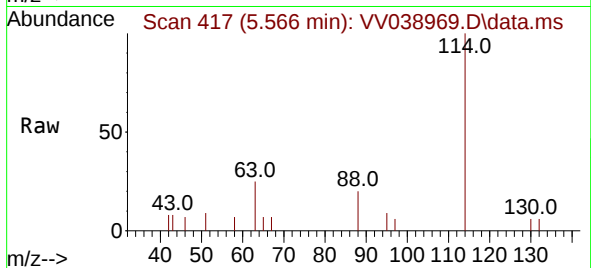




#1  
1,4-Difluorobenzene  
Concen: 0.500 ug/L  
RT: 5.566 min Scan# 417  
Delta R.T. -0.000 min  
Lab File: VV038969.D  
Acq: 20 Aug 2025 10:01

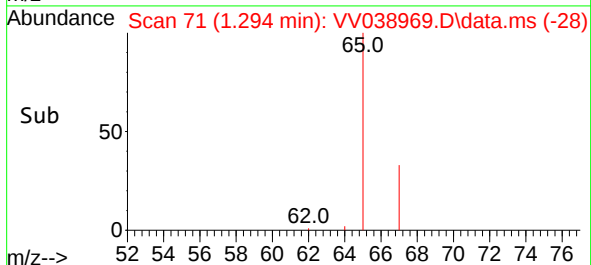
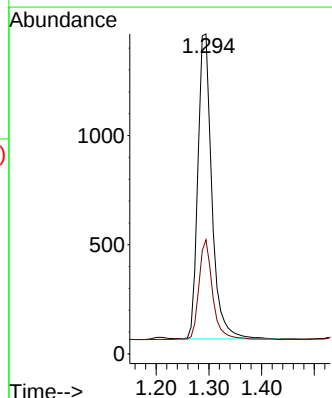
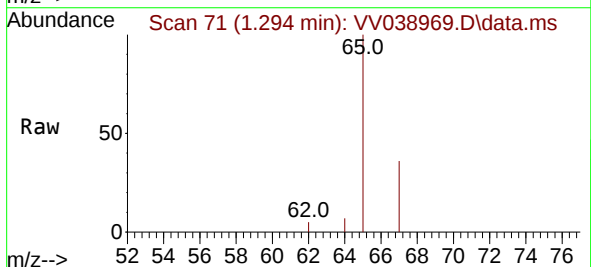
Instrument :  
MSVOA\_V  
ClientSampleId :  
VBLK231

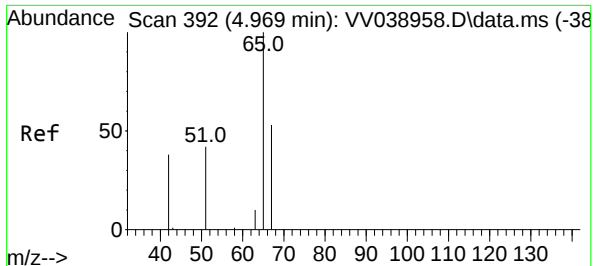
Tgt Ion:114 Resp: 5798  
Ion Ratio Lower Upper  
114 100  
63 20.2 16.0 24.0  
88 14.9 12.3 18.5



#2  
Vinyl Chloride-d3  
Concen: 0.484 ug/L  
RT: 1.294 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VV038969.D  
Acq: 20 Aug 2025 10:01

Tgt Ion: 65 Resp: 2569  
Ion Ratio Lower Upper  
65 100  
67 32.3 23.4 43.4

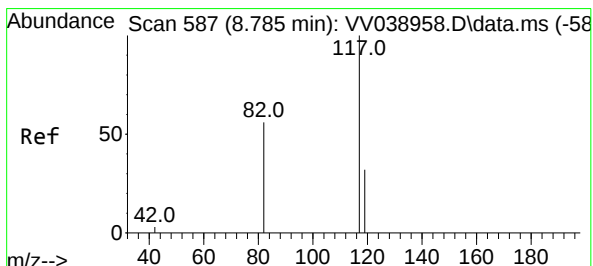
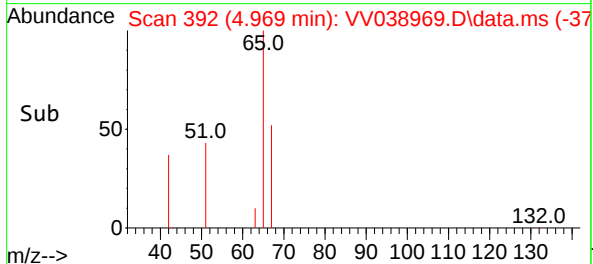
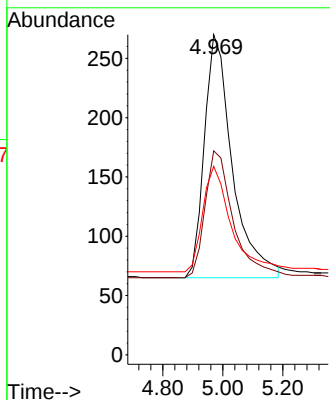
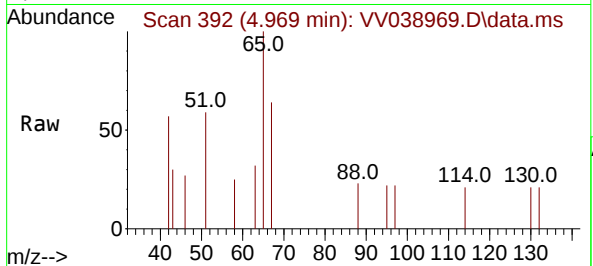




#4  
1,2-Dichloroethane-d4  
Concen: 0.426 ug/L  
RT: 4.969 min Scan# 392  
Delta R.T. 0.000 min  
Lab File: VV038969.D  
Acq: 20 Aug 2025 10:01

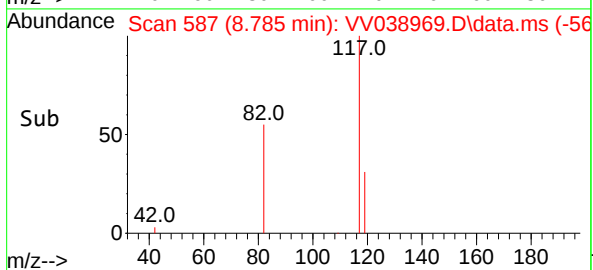
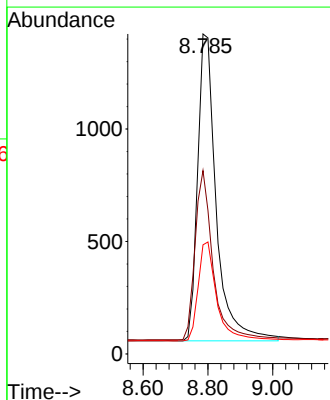
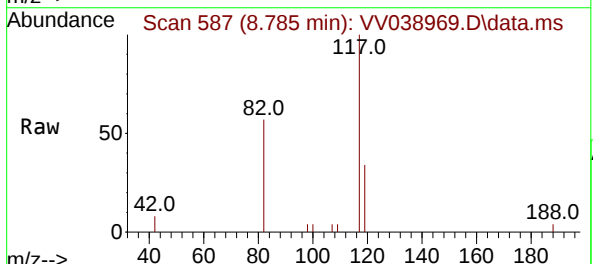
Instrument :  
MSVOA\_V  
ClientSampleId :  
VBLK231

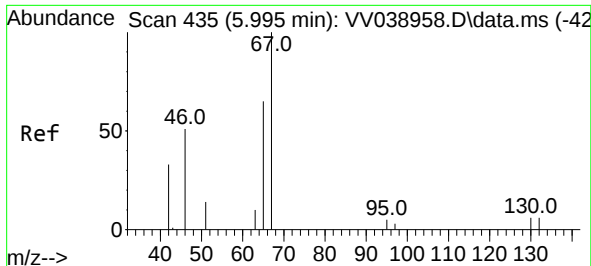
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 65    | Resp: | 1327  |
| Ion      | Ratio | Lower | Upper |
| 65       | 100   |       |       |
| 67       | 52.7  | 37.2  | 69.0  |
| 51       | 44.0  | 33.4  | 62.0  |



#5  
Chlorobenzene-d5  
Concen: 0.500 ug/L  
RT: 8.785 min Scan# 587  
Delta R.T. 0.000 min  
Lab File: VV038969.D  
Acq: 20 Aug 2025 10:01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 5458  |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 82       | 53.1  | 42.9  | 64.3  |
| 119      | 32.4  | 26.4  | 39.6  |

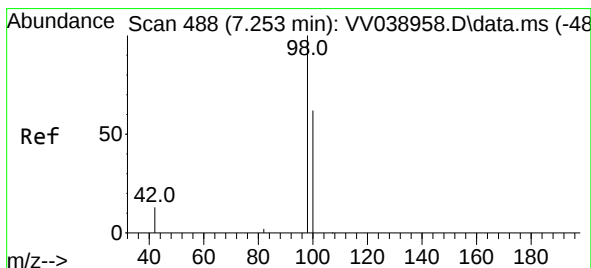
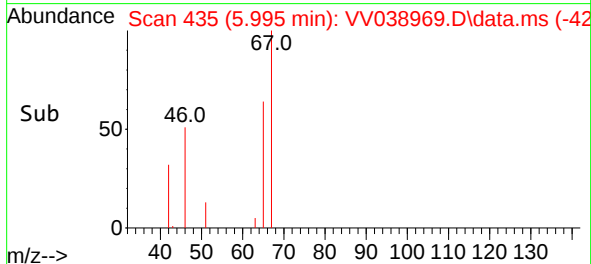
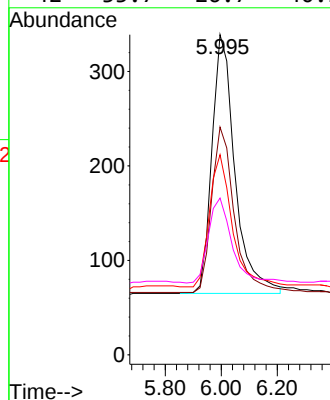
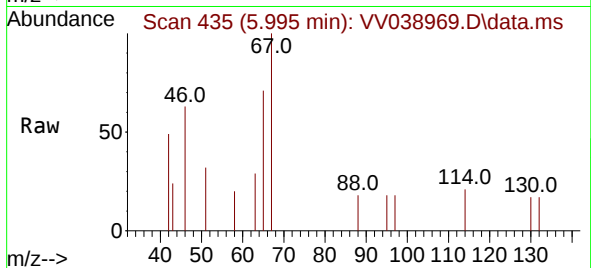




#7  
 1,2-Dichloropropane-d6  
 Concen: 0.520 ug/L  
 RT: 5.995 min Scan# 41  
 Delta R.T. 0.000 min  
 Lab File: VV038969.D  
 Acq: 20 Aug 2025 10:01

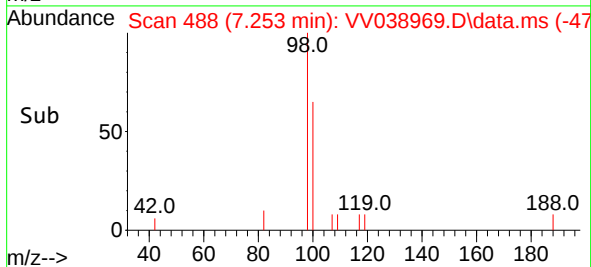
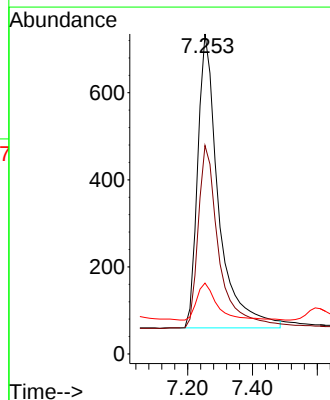
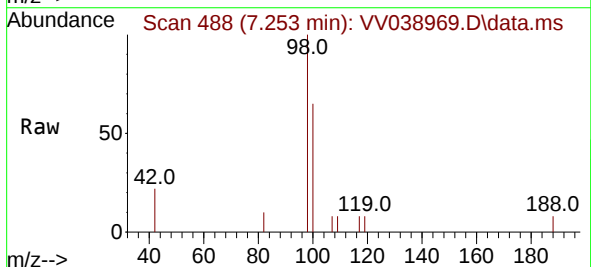
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK231

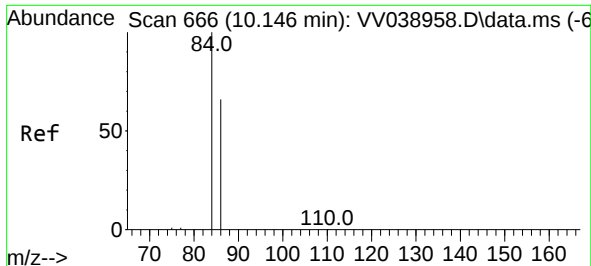
|             |             |
|-------------|-------------|
| Tgt Ion: 67 | Resp: 1565  |
| Ion Ratio   | Lower Upper |
| 67 100      |             |
| 65 62.9     | 49.8 74.6   |
| 46 50.9     | 41.3 61.9   |
| 42 33.7     | 26.7 40.1   |



#8  
 Toluene-d8  
 Concen: 0.447 ug/L  
 RT: 7.253 min Scan# 488  
 Delta R.T. 0.000 min  
 Lab File: VV038969.D  
 Acq: 20 Aug 2025 10:01

|             |            |       |      |
|-------------|------------|-------|------|
| Tgt Ion: 98 | Resp: 3019 |       |      |
| Ion Ratio   | Lower      | Upper |      |
| 98 100      |            |       |      |
| 100         | 61.6       | 43.3  | 80.3 |
| 42          | 12.2       | 8.5   | 15.7 |

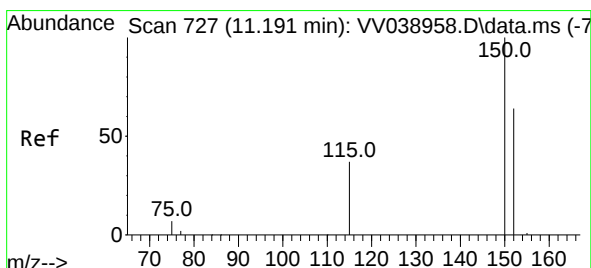
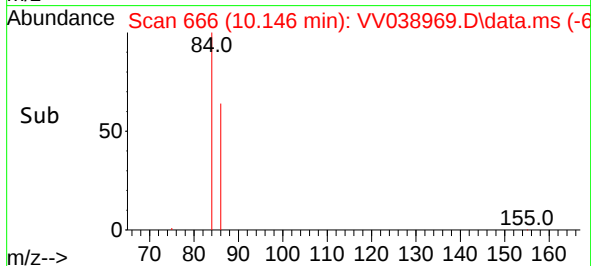
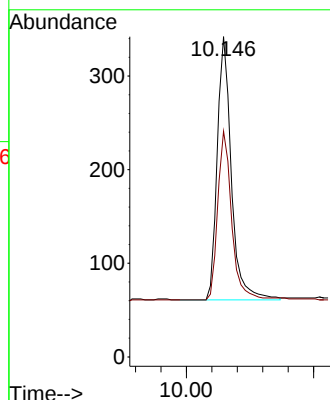
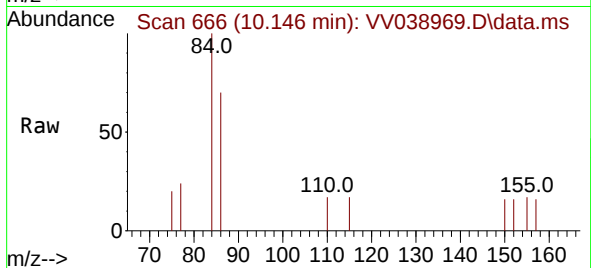




#10  
1,1,2,2-Tetrachloroethane-d2  
Concen: 0.506 ug/L  
RT: 10.146 min Scan# 666  
Delta R.T. -0.000 min  
Lab File: VV038969.D  
Acq: 20 Aug 2025 10:01

Instrument :  
MSVOA\_V  
ClientSampleId :  
VBLK231

Tgt Ion: 84 Resp: 1080  
Ion Ratio Lower Upper  
84 100  
86 63.0 45.6 84.6



#11  
1,4-Dichlorobenzene-d4  
Concen: 0.500 ug/L  
RT: 11.191 min Scan# 727  
Delta R.T. 0.000 min  
Lab File: VV038969.D  
Acq: 20 Aug 2025 10:01

Tgt Ion: 152 Resp: 2433  
Ion Ratio Lower Upper  
152 100  
115 59.2 0.0 119.6  
150 158.7 0.0 318.0

