

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV061825\  
 Data File : VV038812.D  
 Acq On : 18 Jun 2025 10:56  
 Operator : SY/MD  
 Sample : VV0618WBL01  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK228

Quant Time: Jun 18 12:18:25 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVSIM061625.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Jun 18 12:17:29 2025  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.566          | 114  | 7230       | 0.500    | ug/L  | 0.00     |
| 5) Chlorobenzene-d5           | 8.785          | 117  | 6612       | 0.500    | ug/L  | 0.00     |
| 11) 1,4-Dichlorobenzene-d4    | 11.191         | 152  | 2640       | 0.500    | ug/L  | 0.00     |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 2) Vinyl Chloride-d3          | 1.287          | 65   | 2970       | 0.433    | ug/L  | 0.00     |
| Spiked Amount 0.500           | Range 40 - 130 |      | Recovery = | 86.000%  |       |          |
| 4) 1,2-Dichloroethane-d4      | 4.970          | 65   | 1662       | 0.493    | ug/L  | 0.00     |
| Spiked Amount 0.500           | Range 70 - 130 |      | Recovery = | 98.000%  |       |          |
| 7) 1,2-Dichloropropane-d6     | 5.996          | 67   | 1983       | 0.530    | ug/L  | 0.00     |
| Spiked Amount 0.500           | Range 60 - 140 |      | Recovery = | 106.000% |       |          |
| 8) Toluene-d8                 | 7.254          | 98   | 4057       | 0.537    | ug/L  | 0.00     |
| Spiked Amount 0.500           | Range 70 - 130 |      | Recovery = | 108.000% |       |          |
| 10) 1,1,2,2-Tetrachloroeth... | 10.146         | 84   | 1239       | 0.471    | ug/L  | 0.00     |
| Spiked Amount 0.500           | Range 65 - 120 |      | Recovery = | 94.000%  |       |          |

Target Compounds Qvalue

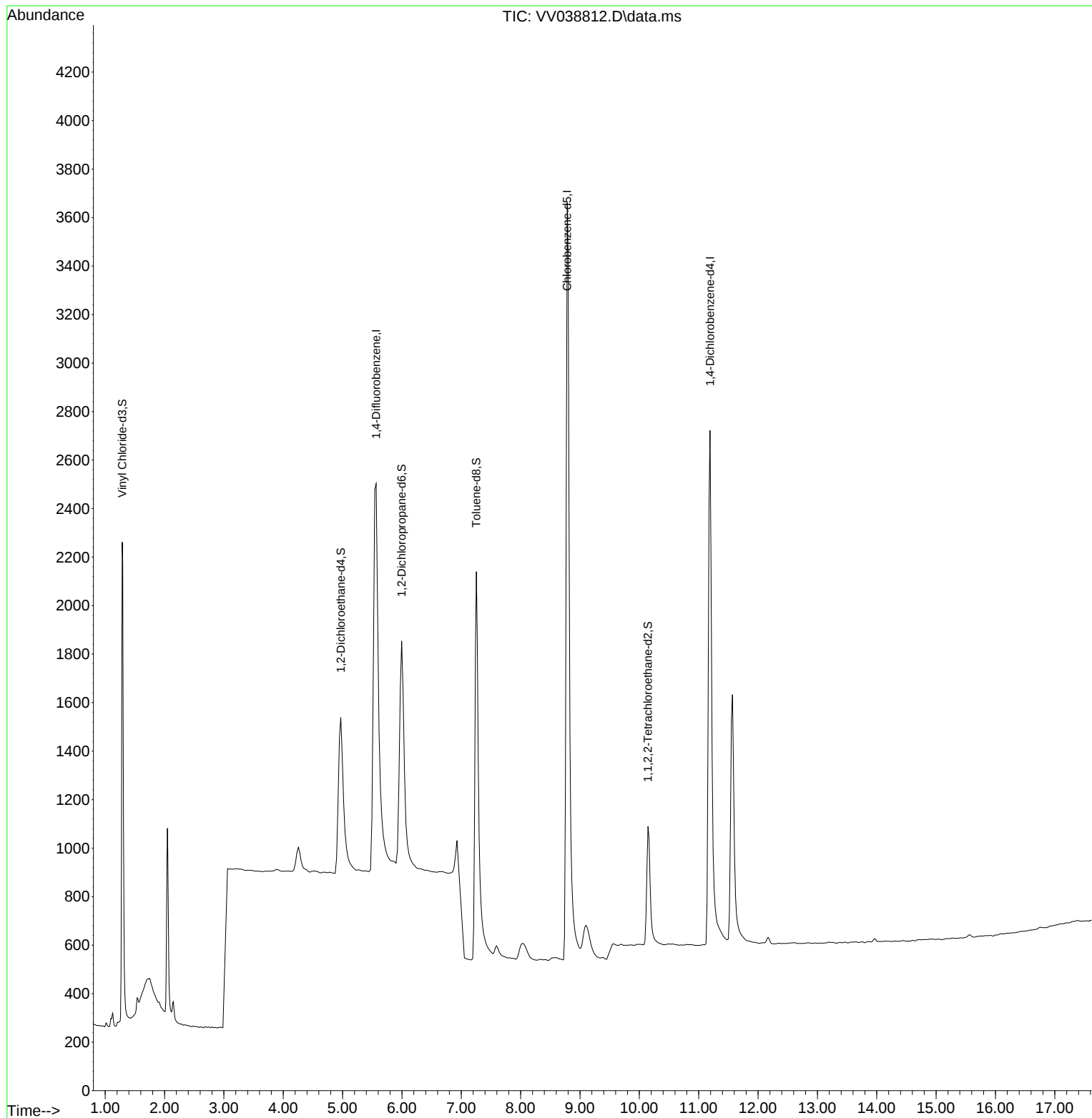
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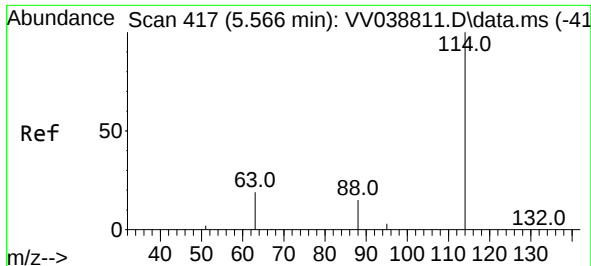
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VBLK228

Quant Time: Jun 18 12:18:25 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVSIM061625.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Wed Jun 18 12:17:29 2025  
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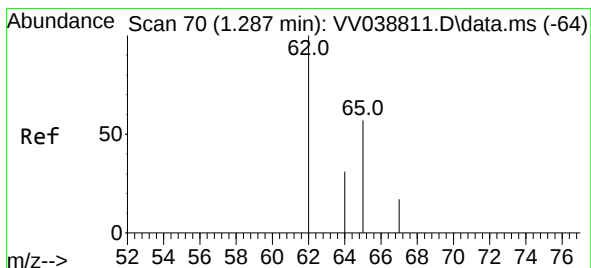
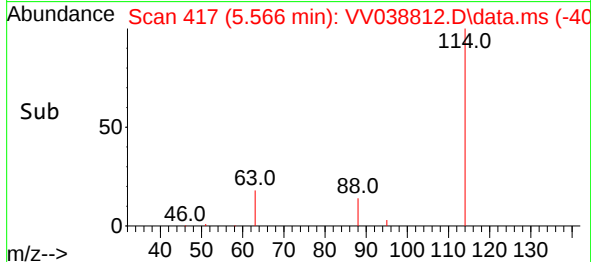
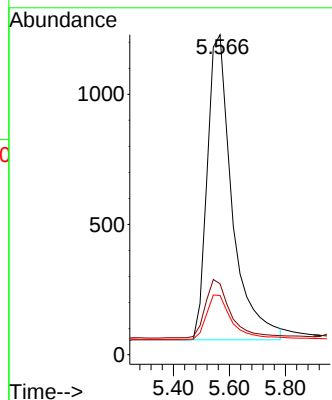
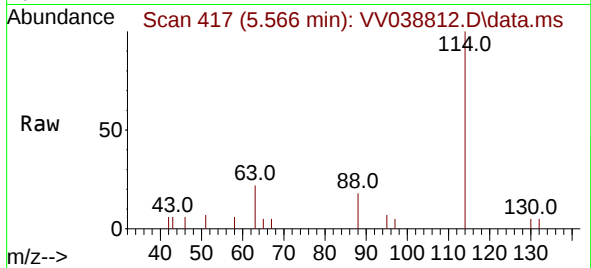




#1  
1,4-Difluorobenzene  
Concen: 0.500 ug/L  
RT: 5.566 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VV038812.D  
Acq: 18 Jun 2025 10:56

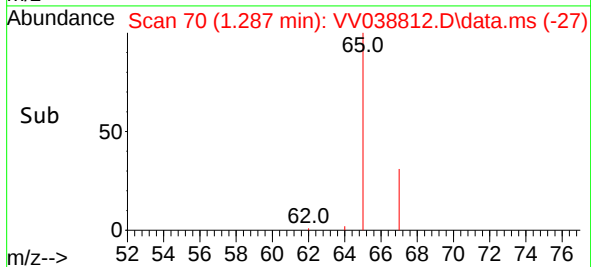
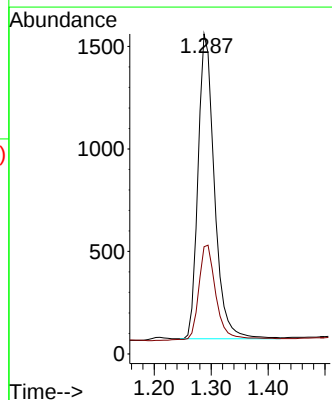
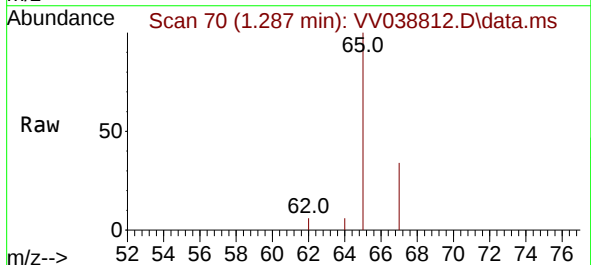
Instrument :  
MSVOA\_V  
ClientSampleId :  
VBLK228

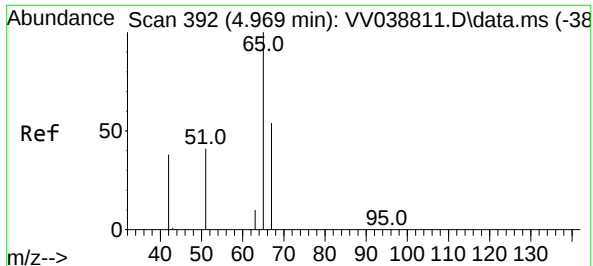
Tgt Ion:114 Resp: 7230  
Ion Ratio Lower Upper  
114 100  
63 19.3 14.6 21.8  
88 14.7 12.1 18.1



#2  
Vinyl Chloride-d3  
Concen: 0.433 ug/L  
RT: 1.287 min Scan# 70  
Delta R.T. 0.000 min  
Lab File: VV038812.D  
Acq: 18 Jun 2025 10:56

Tgt Ion: 65 Resp: 2970  
Ion Ratio Lower Upper  
65 100  
67 34.5 24.4 45.4

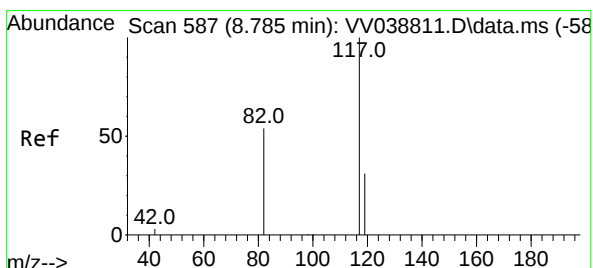
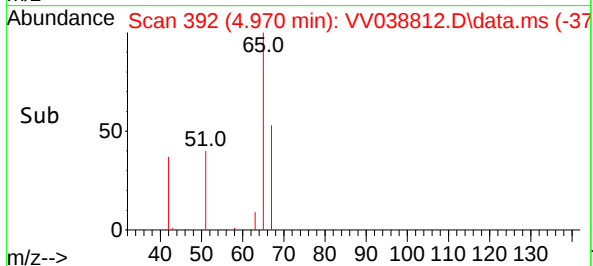
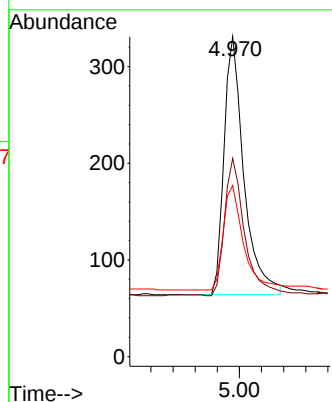
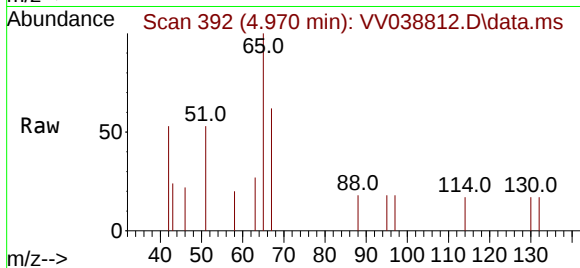




#4  
1,2-Dichloroethane-d4  
Concen: 0.493 ug/L  
RT: 4.970 min Scan# 392  
Delta R.T. 0.000 min  
Lab File: VV038812.D  
Acq: 18 Jun 2025 10:56

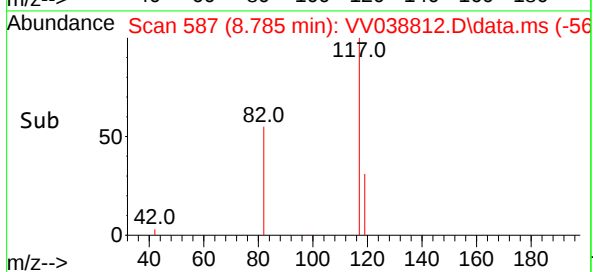
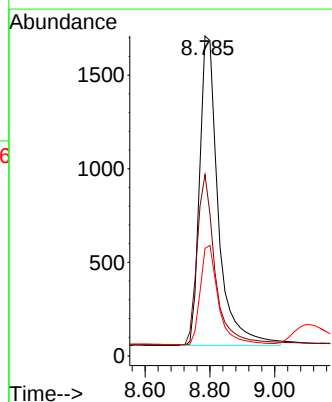
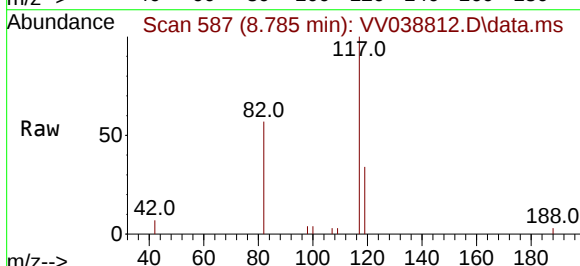
Instrument :  
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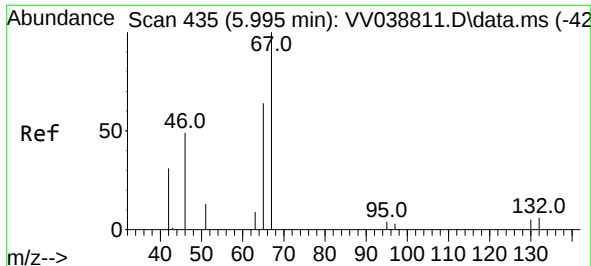
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 65    | Resp: | 1662  |
| Ion      | Ratio | Lower | Upper |
| 65       | 100   |       |       |
| 67       | 53.5  | 38.9  | 72.2  |
| 51       | 41.1  | 25.8  | 47.8  |



#5  
Chlorobenzene-d5  
Concen: 0.500 ug/L  
RT: 8.785 min Scan# 587  
Delta R.T. 0.000 min  
Lab File: VV038812.D  
Acq: 18 Jun 2025 10:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 6612  |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 82       | 53.3  | 40.6  | 60.8  |
| 119      | 31.3  | 25.7  | 38.5  |



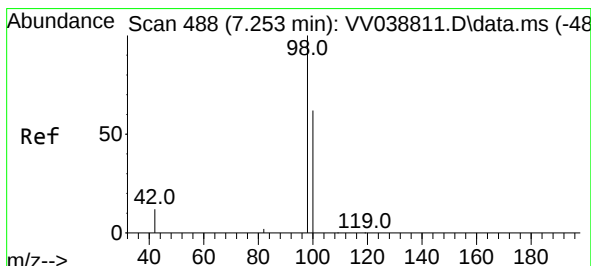
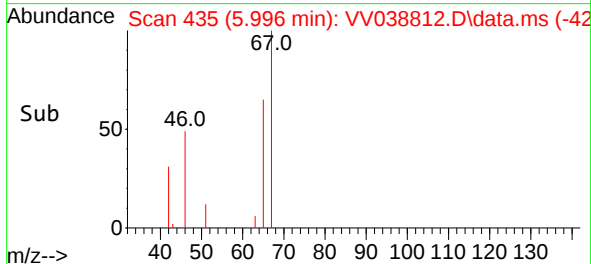
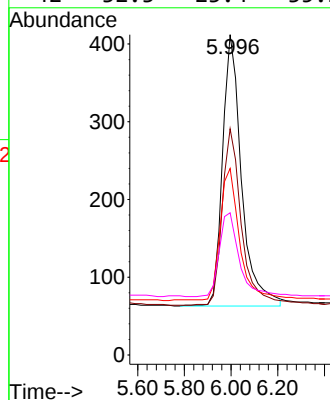
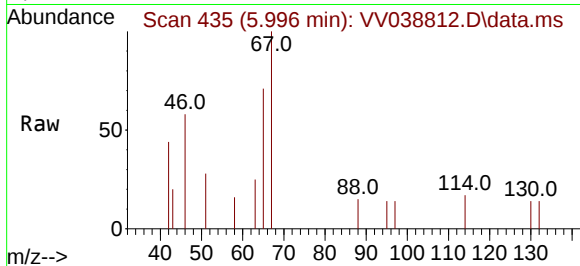


#7  
1,2-Dichloropropane-d6  
Concen: 0.530 ug/L  
RT: 5.996 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VV038812.D  
Acq: 18 Jun 2025 10:56

Instrument :  
MSVOA\_V  
ClientSampleId :  
VBLK228

Tgt Ion: 67 Resp: 1983

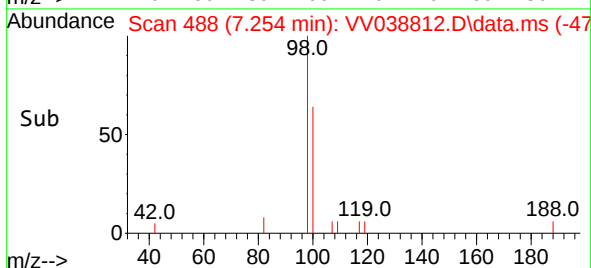
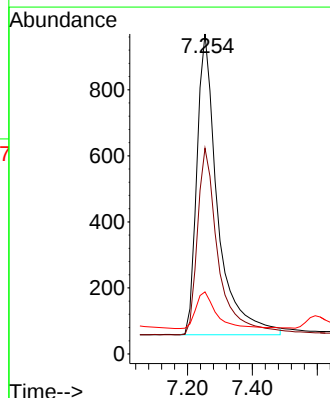
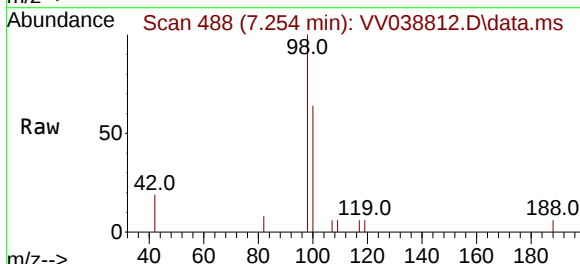
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 67  | 100   |       |       |
| 65  | 65.3  | 48.6  | 73.0  |
| 46  | 48.8  | 37.9  | 56.9  |
| 42  | 32.3  | 23.4  | 35.2  |

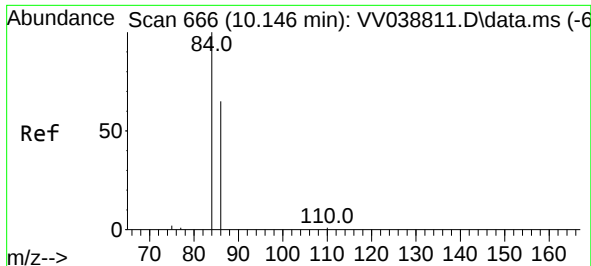


#8  
Toluene-d8  
Concen: 0.537 ug/L  
RT: 7.254 min Scan# 488  
Delta R.T. 0.000 min  
Lab File: VV038812.D  
Acq: 18 Jun 2025 10:56

Tgt Ion: 98 Resp: 4057

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 98  | 100   |       |       |
| 100 | 62.2  | 44.9  | 83.5  |
| 42  | 12.1  | 6.3   | 11.7  |





#10

1,1,2,2-Tetrachloroethane-d2

Concen: 0.471 ug/L

RT: 10.146 min Scan# 666

Delta R.T. 0.000 min

Lab File: VV038812.D

Acq: 18 Jun 2025 10:56

Instrument :

MSVOA\_V

ClientSampleId :

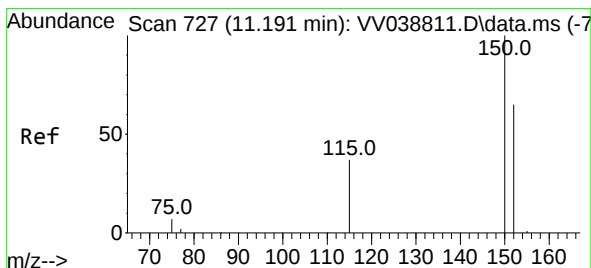
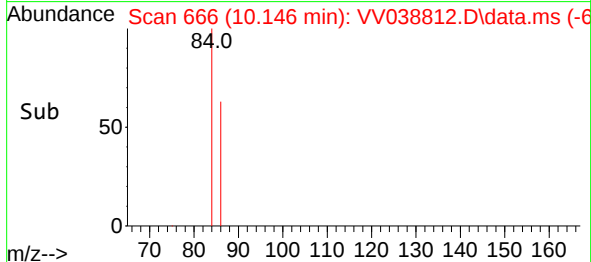
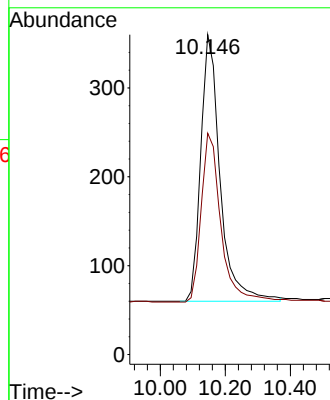
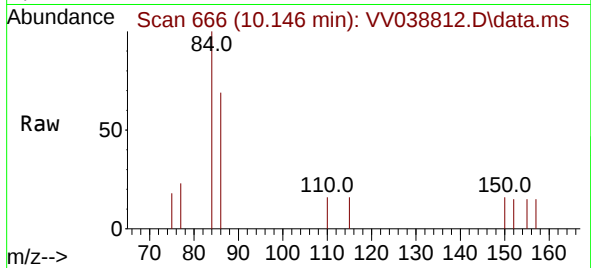
VBLK228

Tgt Ion: 84 Resp: 1239

Ion Ratio Lower Upper

84 100

86 64.6 44.7 82.9



#11

1,4-Dichlorobenzene-d4

Concen: 0.500 ug/L

RT: 11.191 min Scan# 727

Delta R.T. 0.000 min

Lab File: VV038812.D

Acq: 18 Jun 2025 10:56

Tgt Ion: 152 Resp: 2640

Ion Ratio Lower Upper

152 100

115 60.1 0.0 114.4

150 157.5 0.0 315.4

