

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV120925\  
 Data File : VV039506.D  
 Acq On : 09 Dec 2025 16:03  
 Operator : SY/MD  
 Sample : Q3787-08  
 Misc : 25.0 mL/MSVOA\_V/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 OWBR-02-170-120425-SIM

Quant Time: Dec 10 01:17:13 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

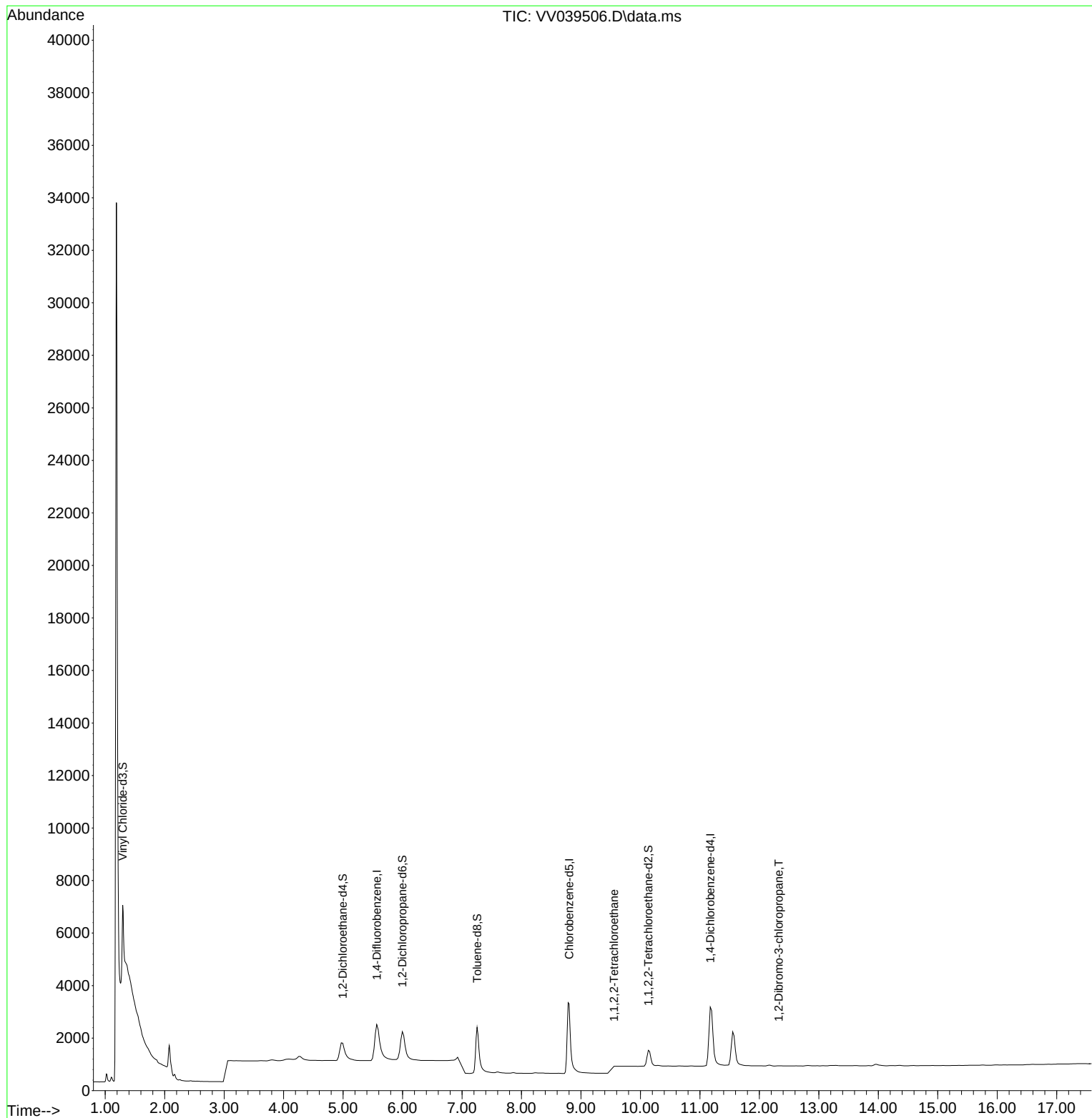
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.566  | 114   | 6146     | 0.500    | ug/L  | 0.00     |
| 5) Chlorobenzene-d5           | 8.800  | 117   | 6167     | 0.500    | ug/L  | 0.02     |
| 12) 1,4-Dichlorobenzene-d4    | 11.175 | 152   | 3302     | 0.500    | ug/L  | 0.00     |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 2) Vinyl Chloride-d3          | 1.295  | 65    | 3646     | 0.604    | ug/L  | 0.00     |
| Spiked Amount                 | 0.500  | Range | 40 - 130 | Recovery | =     | 120.000% |
| 4) 1,2-Dichloroethane-d4      | 4.994  | 65    | 1954     | 0.477    | ug/L  | 0.02     |
| Spiked Amount                 | 0.500  | Range | 70 - 130 | Recovery | =     | 96.000%  |
| 7) 1,2-Dichloropropane-d6     | 5.996  | 67    | 2259     | 0.434    | ug/L  | -0.02    |
| Spiked Amount                 | 0.500  | Range | 60 - 140 | Recovery | =     | 86.000%  |
| 8) Toluene-d8                 | 7.254  | 98    | 4324     | 0.493    | ug/L  | 0.02     |
| Spiked Amount                 | 0.500  | Range | 70 - 130 | Recovery | =     | 98.000%  |
| 10) 1,1,2,2-Tetrachloroeth... | 10.133 | 84    | 1687     | 0.575    | ug/L  | 0.00     |
| Spiked Amount                 | 0.500  | Range | 65 - 120 | Recovery | =     | 116.000% |
| Target Compounds              |        |       |          |          |       |          |
| 11) 1,1,2,2-Tetrachloroethane | 9.556  | 83    | 673      | 0.109    | ug/L  | # 15     |
| 14) 1,2-Dibromo-3-chloropr... | 12.329 | 75    | 15       | 0.021    | ug/L  | 96       |
| -----                         |        |       |          |          |       |          |

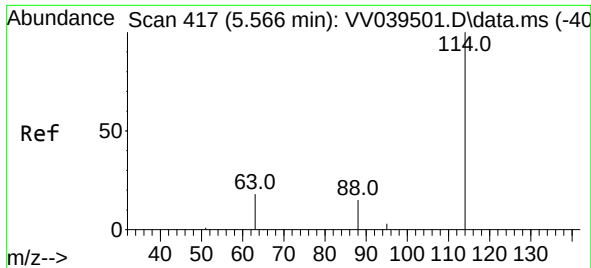
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 09 08:40:48 2025  
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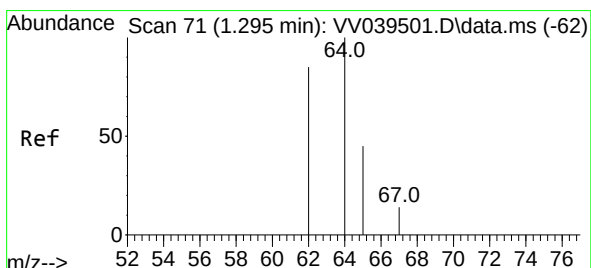
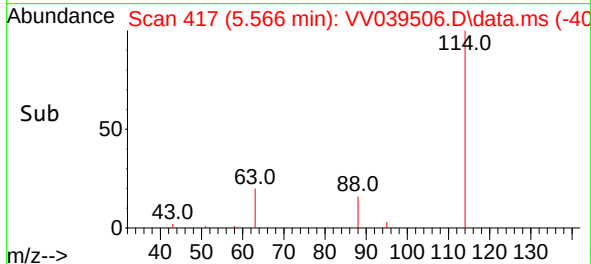
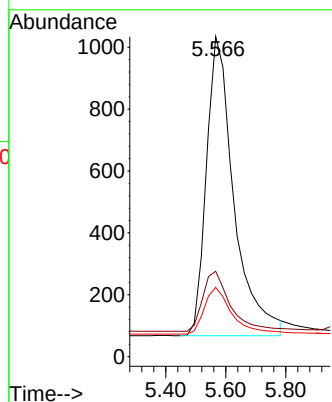
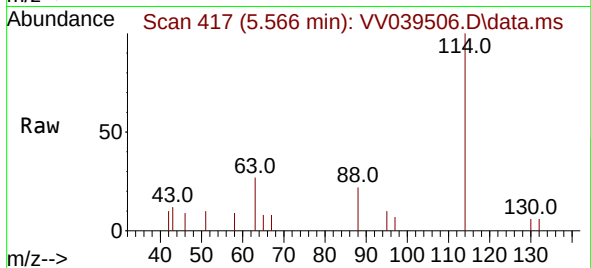




#1  
1,4-Difluorobenzene  
Concen: 0.500 ug/L  
RT: 5.566 min Scan# 417  
Delta R.T. 0.000 min  
Lab File: VV039506.D  
Acq: 09 Dec 2025 16:03

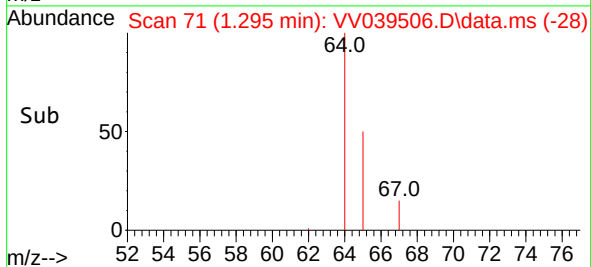
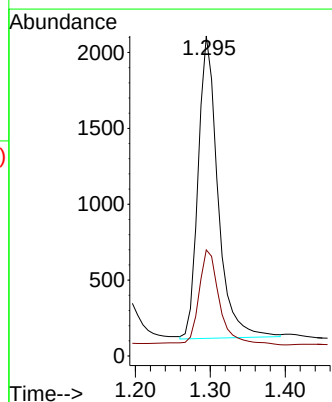
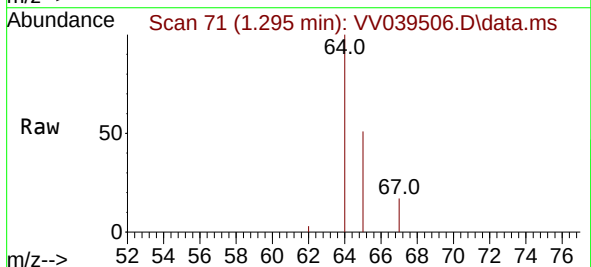
Instrument :  
MSVOA\_V  
ClientSampleId :  
OWBR-02-170-120425-SIM

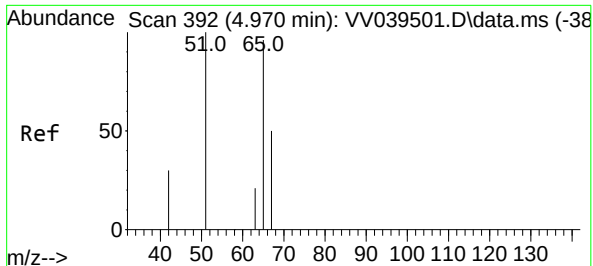
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 114   | Resp: | 6146  |
| Ion      | Ratio | Lower | Upper |
| 114      | 100   |       |       |
| 63       | 20.1  | 15.0  | 22.4  |
| 88       | 15.6  | 12.0  | 18.0  |



#2  
Vinyl Chloride-d3  
Concen: 0.604 ug/L  
RT: 1.295 min Scan# 71  
Delta R.T. 0.001 min  
Lab File: VV039506.D  
Acq: 09 Dec 2025 16:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 65    | Resp: | 3646  |
| Ion      | Ratio | Lower | Upper |
| 65       | 100   |       |       |
| 67       | 33.6  | 22.3  | 41.5  |

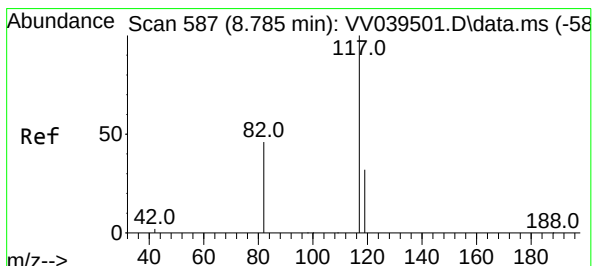
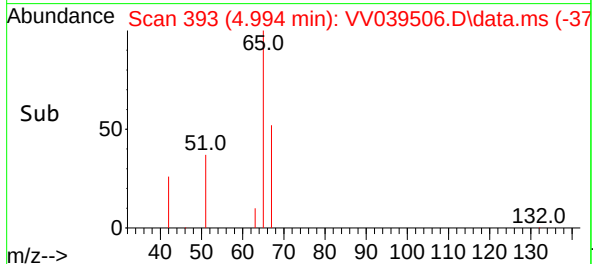
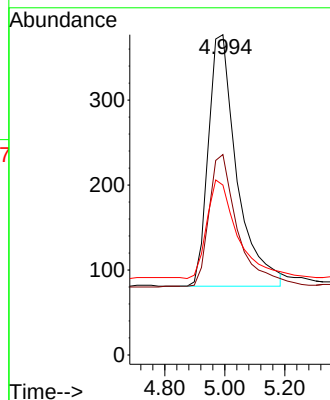
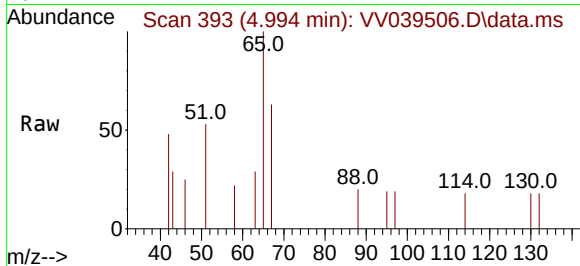




#4  
1,2-Dichloroethane-d4  
Concen: 0.477 ug/L  
RT: 4.994 min Scan# 392  
Delta R.T. 0.025 min  
Lab File: VV039506.D  
Acq: 09 Dec 2025 16:03

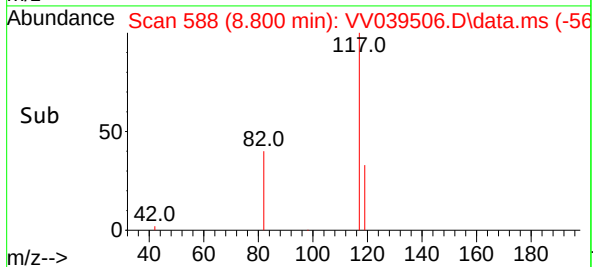
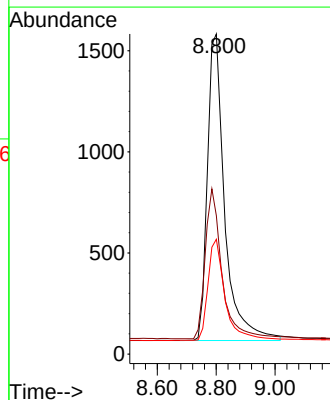
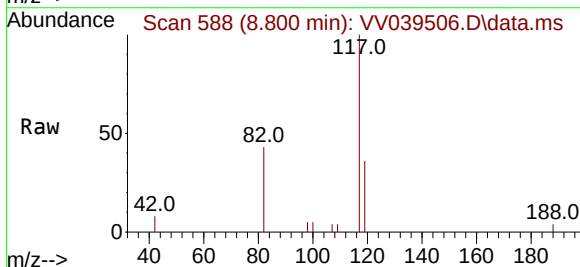
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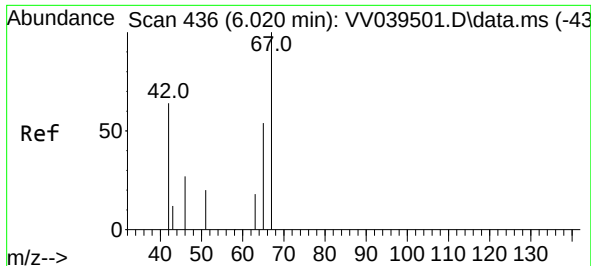
Tgt Ion: 65 Resp: 1954  
Ion Ratio Lower Upper  
65 100  
67 53.1 32.5 60.3  
51 40.8 121.4 225.6#



#5  
Chlorobenzene-d5  
Concen: 0.500 ug/L  
RT: 8.800 min Scan# 588  
Delta R.T. 0.015 min  
Lab File: VV039506.D  
Acq: 09 Dec 2025 16:03

Tgt Ion:117 Resp: 6167  
Ion Ratio Lower Upper  
117 100  
82 47.6 39.4 59.2  
119 32.5 26.2 39.2

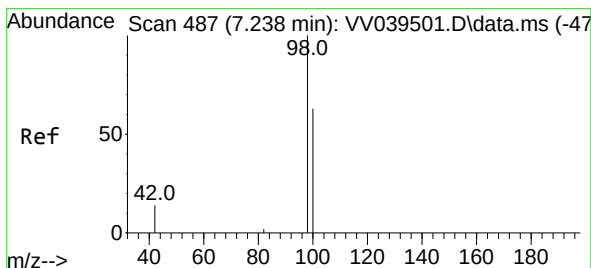
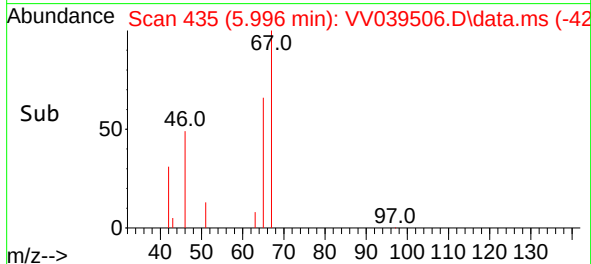
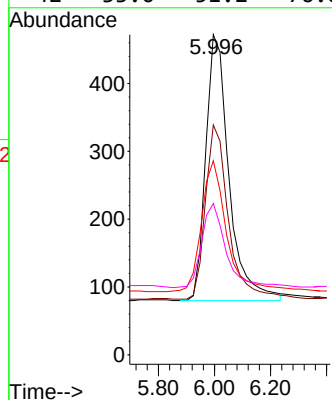
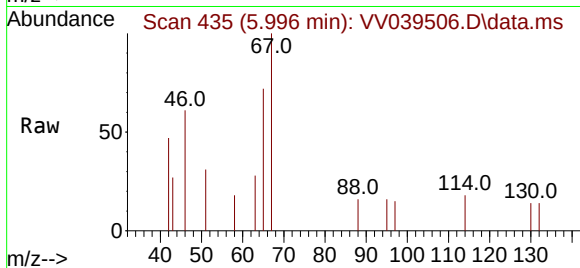




#7  
1,2-Dichloropropane-d6  
Concen: 0.434 ug/L  
RT: 5.996 min Scan# 41  
Delta R.T. -0.023 min  
Lab File: VV039506.D  
Acq: 09 Dec 2025 16:03

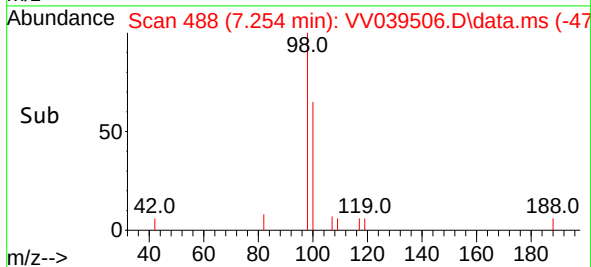
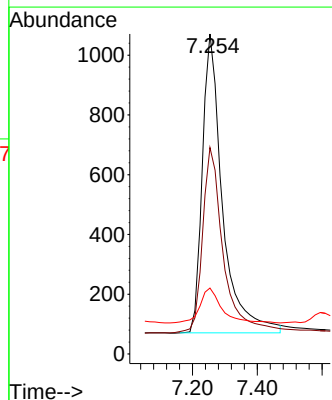
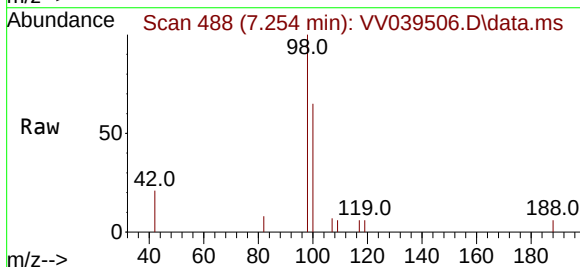
Instrument :  
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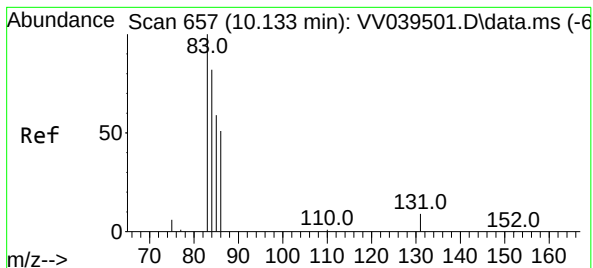
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 67    | Resp: | 2259  |
| Ion      | Ratio | Lower | Upper |
| 67       | 100   |       |       |
| 65       | 64.8  | 37.9  | 56.9# |
| 46       | 53.0  | 27.4  | 41.0# |
| 42       | 33.0  | 51.2  | 76.8# |



#8  
Toluene-d8  
Concen: 0.493 ug/L  
RT: 7.254 min Scan# 488  
Delta R.T. 0.016 min  
Lab File: VV039506.D  
Acq: 09 Dec 2025 16:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 98    | Resp: | 4324  |
| Ion      | Ratio | Lower | Upper |
| 98       | 100   |       |       |
| 100      | 63.0  | 44.5  | 82.7  |
| 42       | 12.5  | 10.1  | 18.7  |





#10

1,1,2,2-Tetrachloroethane-d2

Concen: 0.575 ug/L

RT: 10.133 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV039506.D

Acq: 09 Dec 2025 16:03

Instrument :

MSVOA\_V

ClientSampleId :

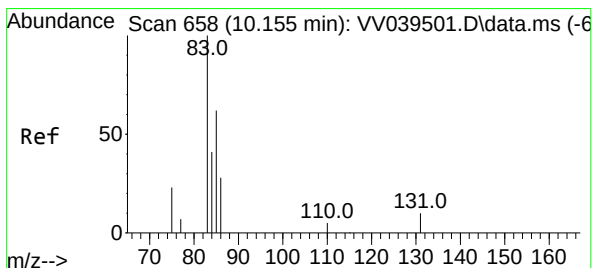
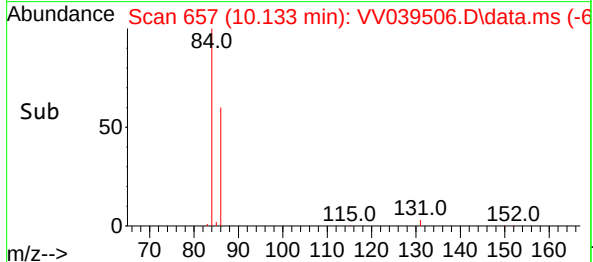
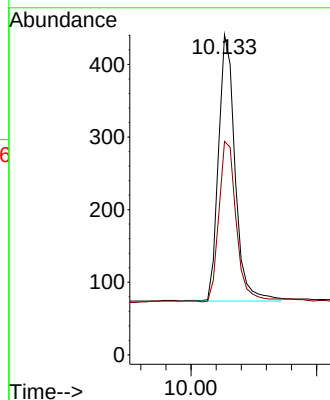
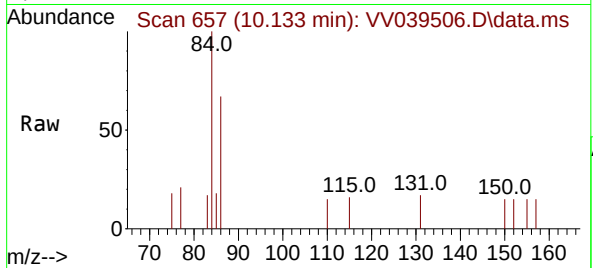
OWBR-02-170-120425-SIM

Tgt Ion: 84 Resp: 1687

Ion Ratio Lower Upper

84 100

86 63.1 44.4 82.5



#11

1,1,2,2-Tetrachloroethane

Concen: 0.109 ug/L

RT: 9.556 min Scan# 631

Delta R.T. -0.599 min

Lab File: VV039506.D

Acq: 09 Dec 2025 16:03

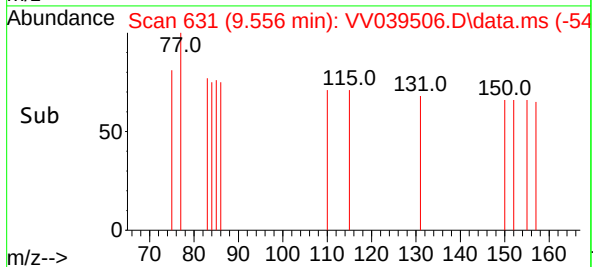
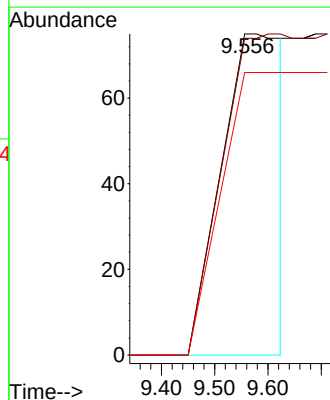
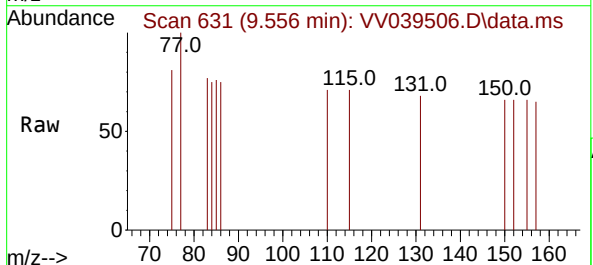
Tgt Ion: 83 Resp: 673

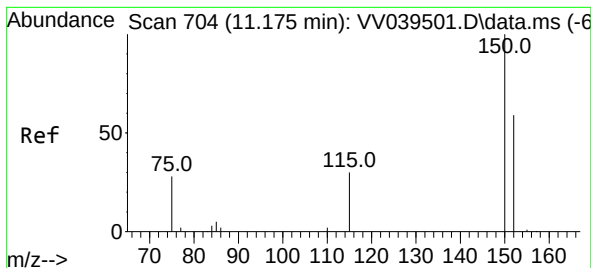
Ion Ratio Lower Upper

83 100

85 132.1 51.0 76.6#

131 37.7 8.6 12.8#





#12

1,4-Dichlorobenzene-d4

Concen: 0.500 ug/L

RT: 11.175 min Scan# 704

Delta R.T. 0.000 min

Lab File: VV039506.D

Acq: 09 Dec 2025 16:03

Instrument :

MSVOA\_V

ClientSampleId :

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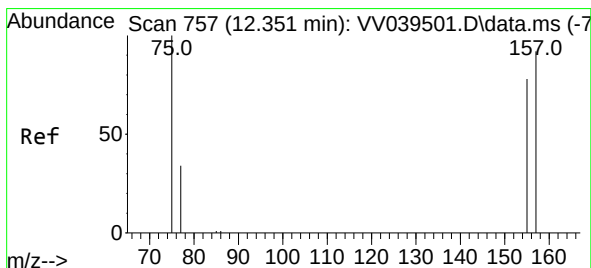
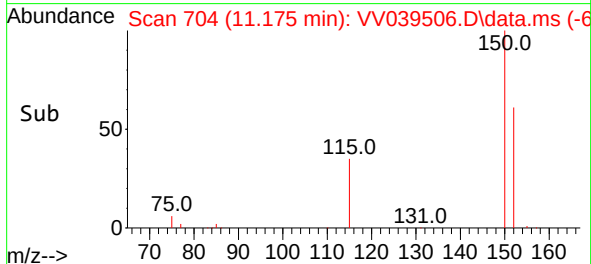
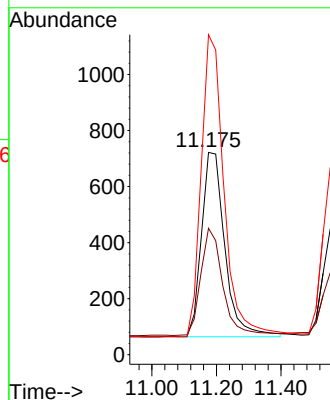
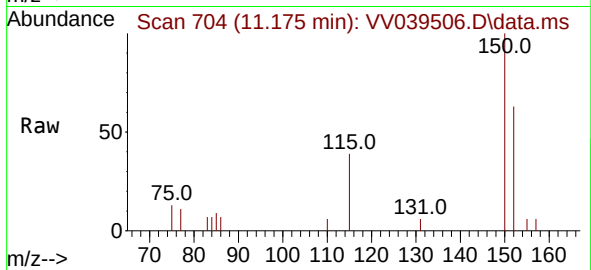
Tgt Ion:152 Resp: 3302

Ion Ratio Lower Upper

152 100

115 54.6 0.0 101.6

150 160.5 0.0 396.2



#14

1,2-Dibromo-3-chloropropane

Concen: 0.021 ug/L

RT: 12.329 min Scan# 756

Delta R.T. -0.022 min

Lab File: VV039506.D

Acq: 09 Dec 2025 16:03

Tgt Ion: 75 Resp: 15

Ion Ratio Lower Upper

75 100

157 80.0 67.8 101.6

155 80.0 61.9 92.9

