

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV121125\  
 Data File : VV039539.D  
 Acq On : 11 Dec 2025 14:08  
 Operator : SY/MD  
 Sample : Q3828-04  
 Misc : 25.0 mL/MSVOA\_V/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 OWBR-06-219-120925-SIM

Quant Time: Dec 12 00:48:46 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

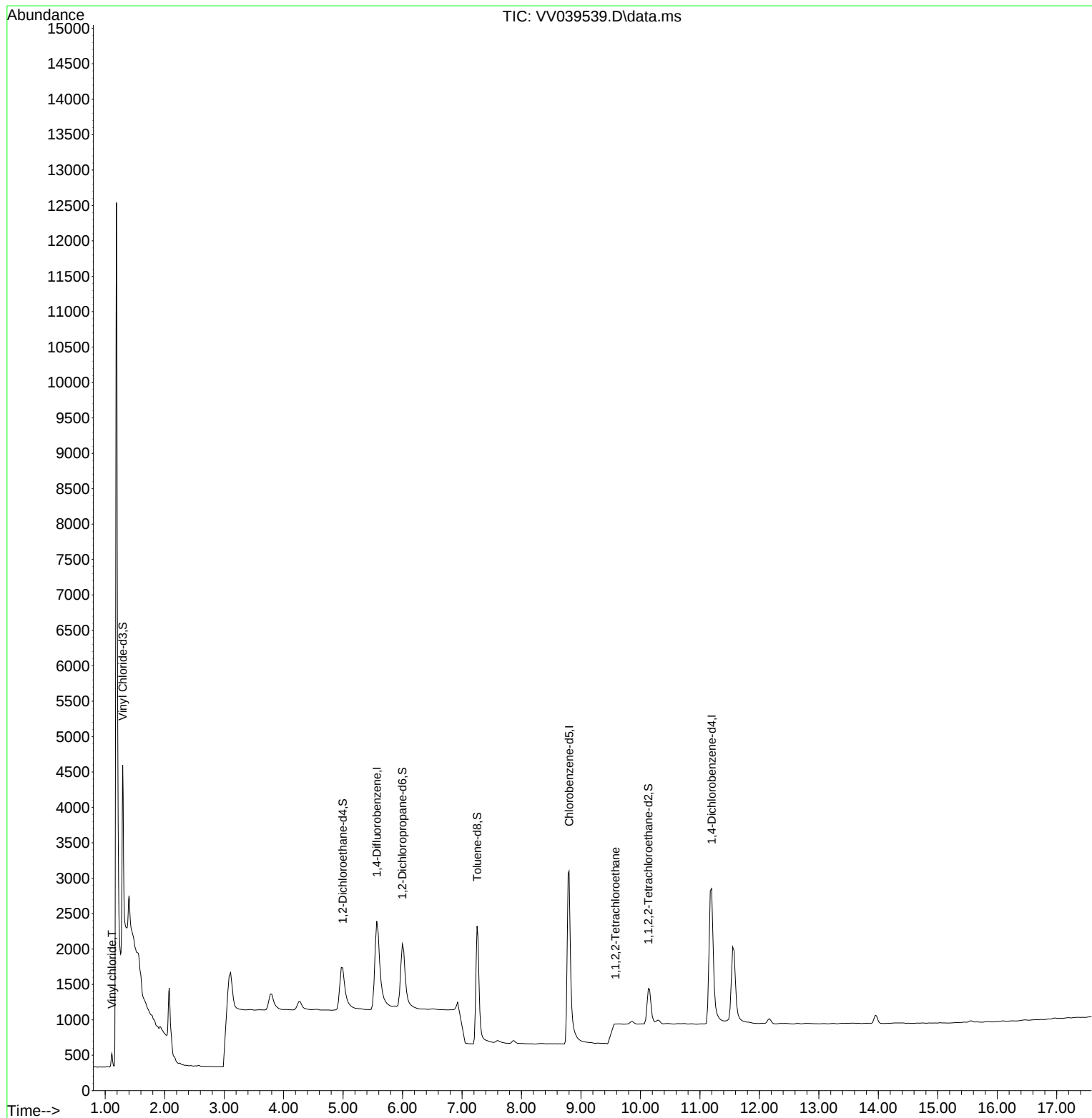
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.566  | 114   | 5608     | 0.500    | ug/L   | 0.00     |
| 5) Chlorobenzene-d5           | 8.800  | 117   | 5701     | 0.500    | ug/L   | 0.02     |
| 12) 1,4-Dichlorobenzene-d4    | 11.197 | 152   | 2982     | 0.500    | ug/L   | 0.02     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 2) Vinyl Chloride-d3          | 1.294  | 65    | 3112     | 0.565    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 40 - 130 | Recovery | =      | 114.000% |
| 4) 1,2-Dichloroethane-d4      | 4.993  | 65    | 1748     | 0.468    | ug/L   | 0.02     |
| Spiked Amount                 | 0.500  | Range | 70 - 130 | Recovery | =      | 94.000%  |
| 7) 1,2-Dichloropropane-d6     | 5.996  | 67    | 2012     | 0.418    | ug/L   | -0.02    |
| Spiked Amount                 | 0.500  | Range | 60 - 140 | Recovery | =      | 84.000%  |
| 8) Toluene-d8                 | 7.254  | 98    | 3786     | 0.467    | ug/L   | 0.02     |
| Spiked Amount                 | 0.500  | Range | 70 - 130 | Recovery | =      | 94.000%  |
| 10) 1,1,2,2-Tetrachloroeth... | 10.133 | 84    | 1504     | 0.555    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 65 - 120 | Recovery | =      | 110.000% |
| Target Compounds              |        |       |          |          |        |          |
| 3) Vinyl chloride             | 1.111  | 62    | 305      | 0.025    | ug/L   | 99       |
| 11) 1,1,2,2-Tetrachloroethane | 9.578  | 83    | 793      | 0.139    | ug/L # | 1        |
| -----                         |        |       |          |          |        |          |

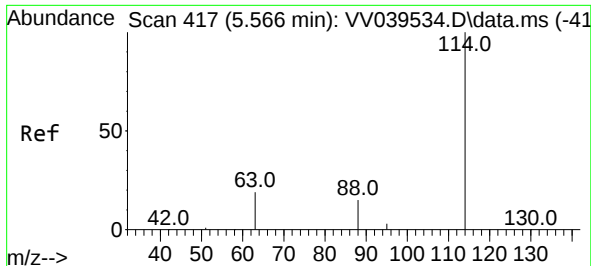
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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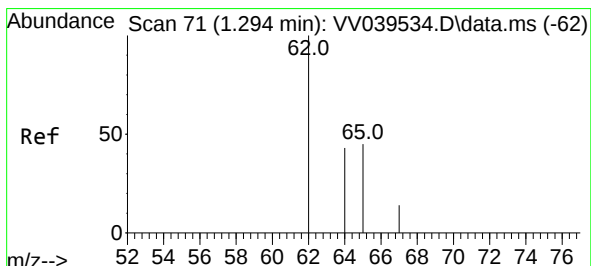
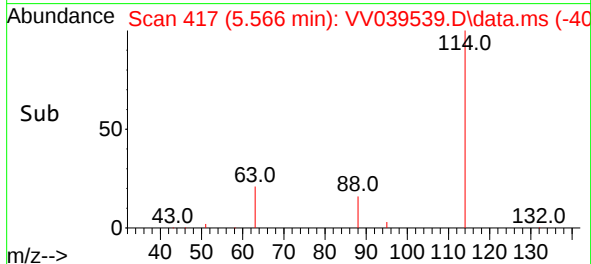
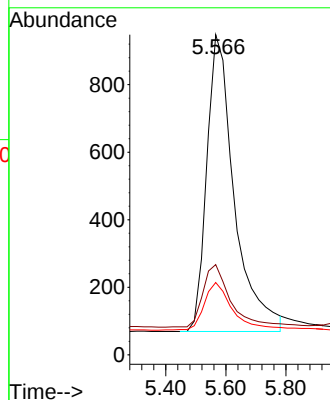
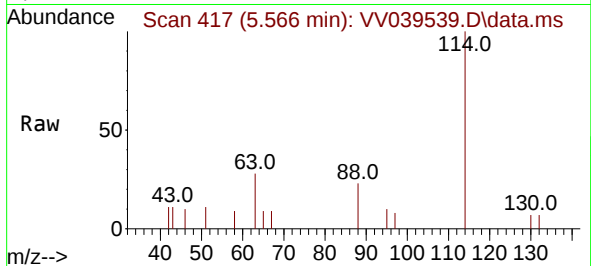




#1  
1,4-Difluorobenzene  
Concen: 0.500 ug/L  
RT: 5.566 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VV039539.D  
Acq: 11 Dec 2025 14:08

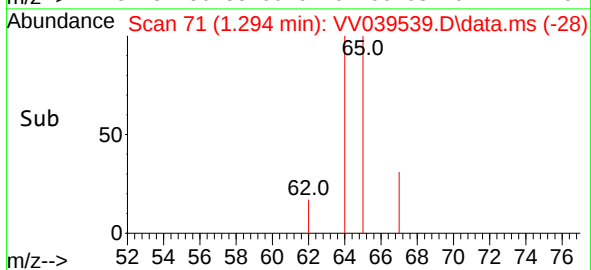
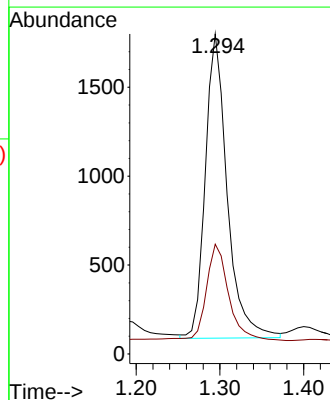
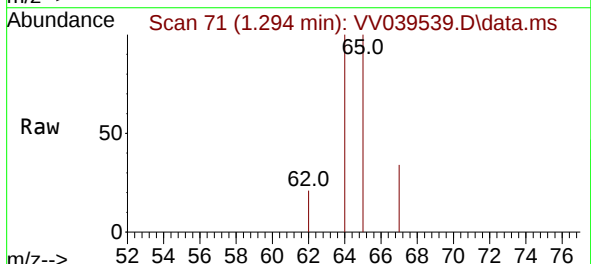
Instrument :  
MSVOA\_V  
ClientSampleId :  
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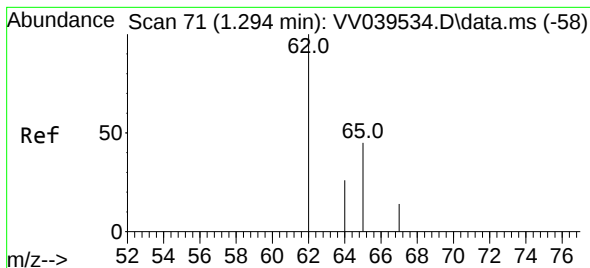
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 114   | Resp: | 5608  |
| Ion      | Ratio | Lower | Upper |
| 114      | 100   |       |       |
| 63       | 21.0  | 15.0  | 22.4  |
| 88       | 16.4  | 12.0  | 18.0  |



#2  
Vinyl Chloride-d3  
Concen: 0.565 ug/L  
RT: 1.294 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VV039539.D  
Acq: 11 Dec 2025 14:08

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 65    | Resp: | 3112  |
| Ion      | Ratio | Lower | Upper |
| 65       | 100   |       |       |
| 67       | 33.1  | 22.3  | 41.5  |





#3

Vinyl chloride

Concen: 0.025 ug/L

RT: 1.111 min Scan# 41

Delta R.T. -0.183 min

Lab File: VV039539.D

Acq: 11 Dec 2025 14:08

Instrument :

MSVOA\_V

ClientSampleId :

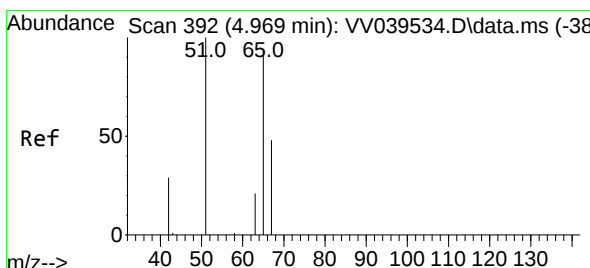
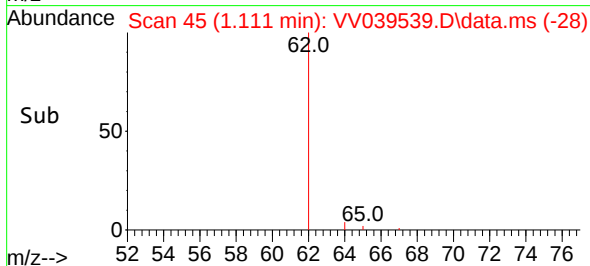
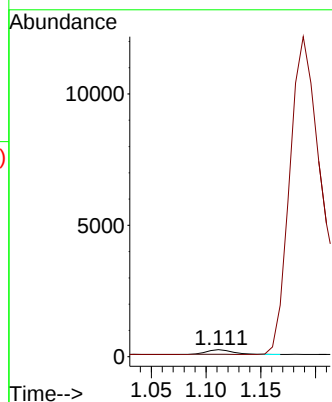
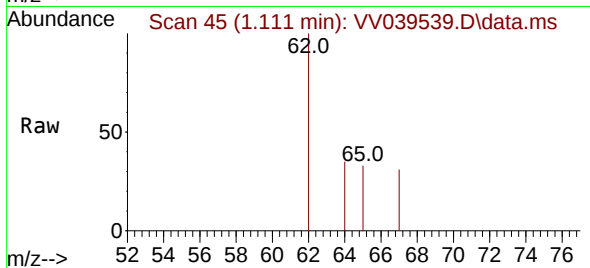
OWBR-06-219-120925-SIM

Tgt Ion: 62 Resp: 305

Ion Ratio Lower Upper

62 100

64 34.6 24.8 46.0



#4

1,2-Dichloroethane-d4

Concen: 0.468 ug/L

RT: 4.993 min Scan# 393

Delta R.T. 0.024 min

Lab File: VV039539.D

Acq: 11 Dec 2025 14:08

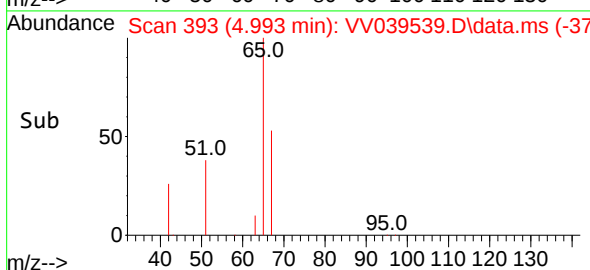
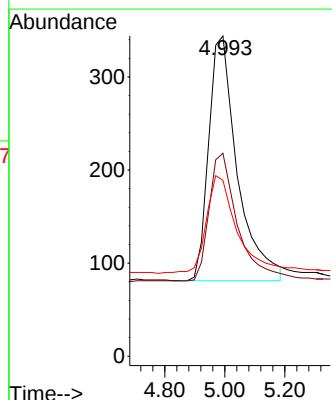
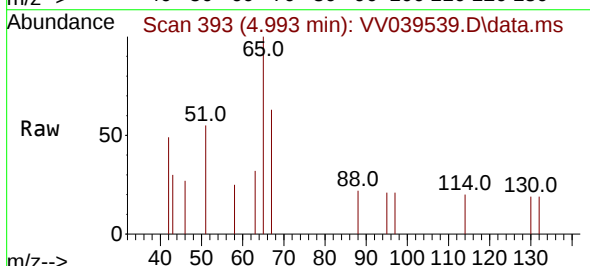
Tgt Ion: 65 Resp: 1748

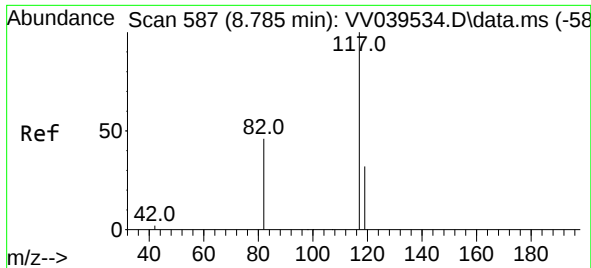
Ion Ratio Lower Upper

65 100

67 51.5 32.5 60.3

51 42.6 121.4 225.6#

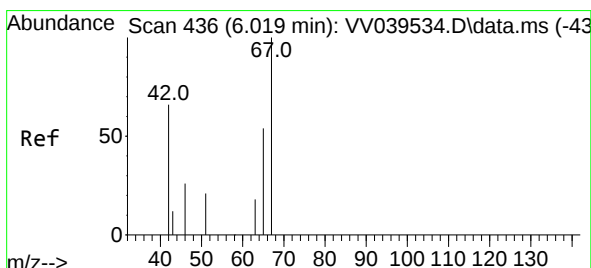
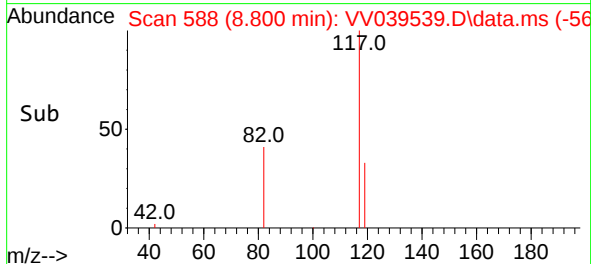
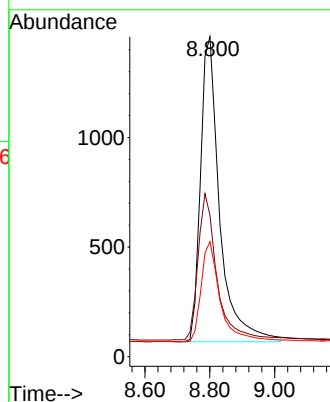
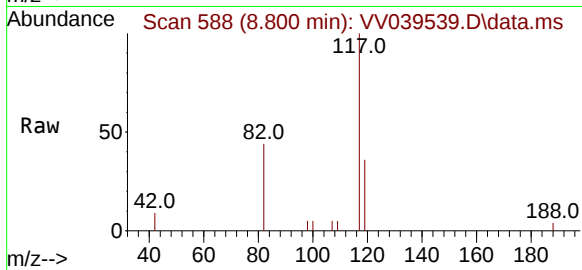




#5  
Chlorobenzene-d5  
Concen: 0.500 ug/L  
RT: 8.800 min Scan# 51  
Delta R.T. 0.015 min  
Lab File: VV039539.D  
Acq: 11 Dec 2025 14:08

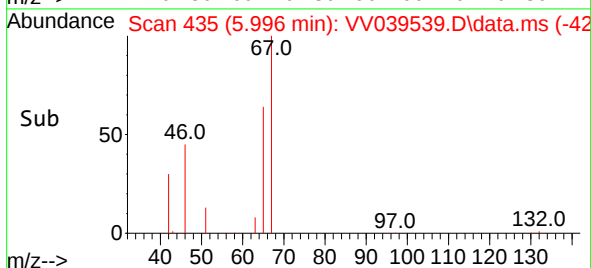
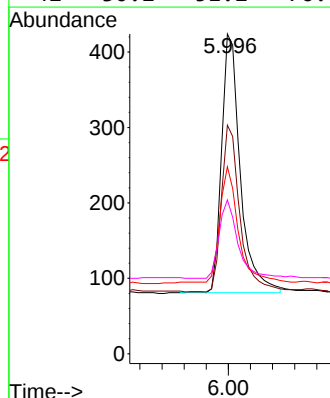
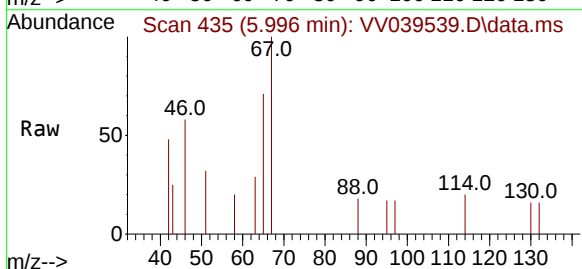
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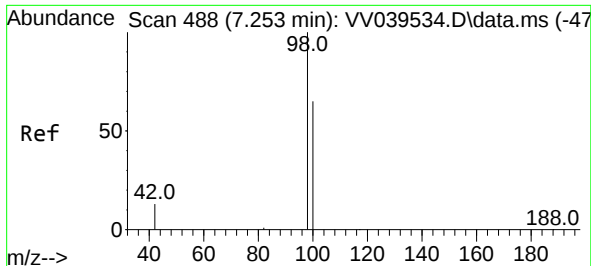
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 5701  |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 82       | 47.4  | 39.4  | 59.2  |
| 119      | 32.8  | 26.2  | 39.2  |



#7  
1,2-Dichloropropane-d6  
Concen: 0.418 ug/L  
RT: 5.996 min Scan# 435  
Delta R.T. -0.023 min  
Lab File: VV039539.D  
Acq: 11 Dec 2025 14:08

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 67    | Resp: | 2012  |
| Ion      | Ratio | Lower | Upper |
| 67       | 100   |       |       |
| 65       | 63.6  | 37.9  | 56.9# |
| 46       | 43.1  | 27.4  | 41.0# |
| 42       | 30.2  | 51.2  | 76.8# |

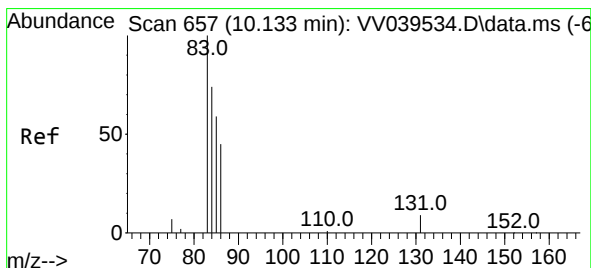
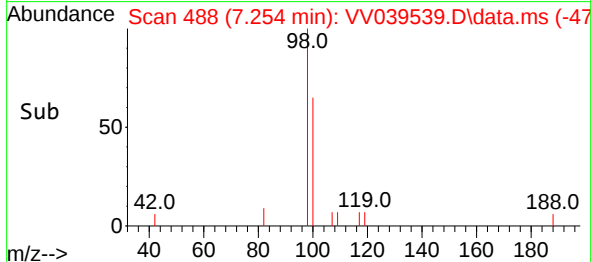
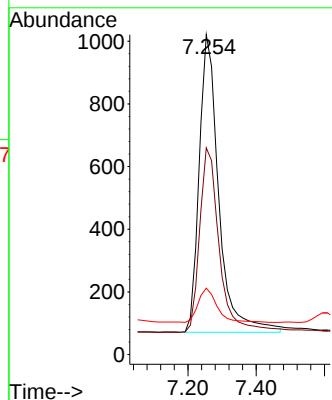
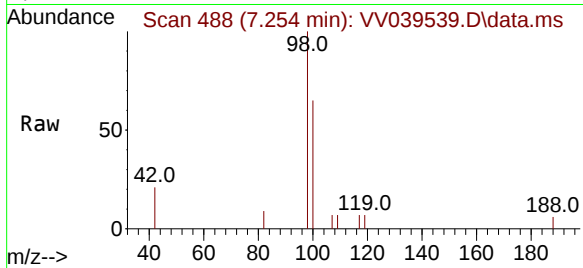




#8  
Toluene-d8  
Concen: 0.467 ug/L  
RT: 7.254 min Scan# 488  
Delta R.T. 0.016 min  
Lab File: VV039539.D  
Acq: 11 Dec 2025 14:08

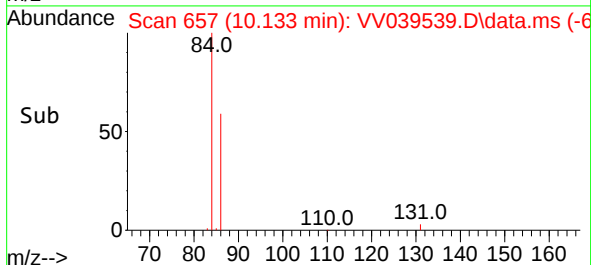
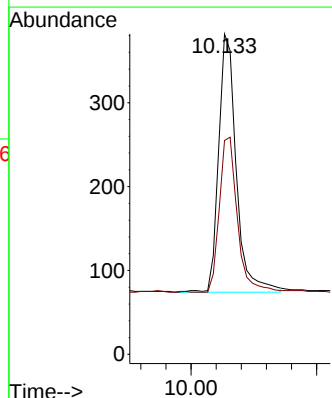
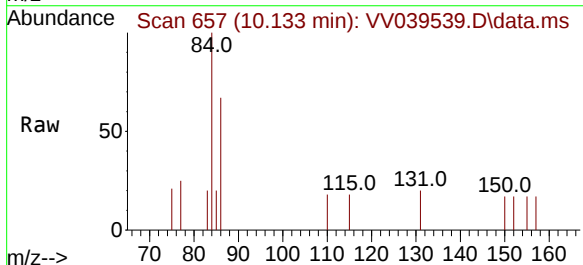
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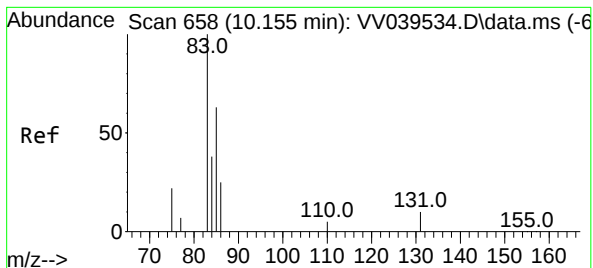
Tgt Ion: 98 Resp: 3786  
Ion Ratio Lower Upper  
98 100  
100 62.2 44.5 82.7  
42 10.9 10.1 18.7



#10  
1,1,2,2-Tetrachloroethane-d2  
Concen: 0.555 ug/L  
RT: 10.133 min Scan# 657  
Delta R.T. -0.000 min  
Lab File: VV039539.D  
Acq: 11 Dec 2025 14:08

Tgt Ion: 84 Resp: 1504  
Ion Ratio Lower Upper  
84 100  
86 61.2 44.4 82.5





#11

1,1,2,2-Tetrachloroethane

Concen: 0.139 ug/L

RT: 9.578 min Scan# 61

Delta R.T. -0.577 min

Lab File: VV039539.D

Acq: 11 Dec 2025 14:08

Instrument :

MSVOA\_V

ClientSampleId :

OWBR-06-219-120925-SIM

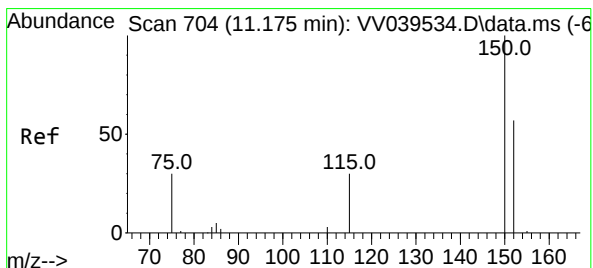
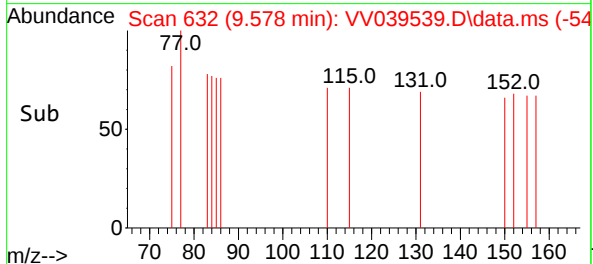
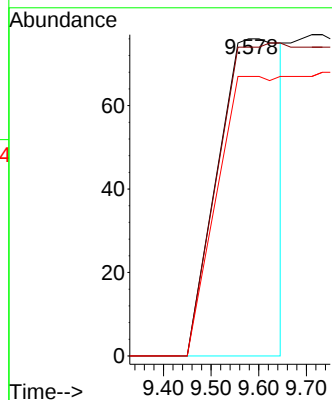
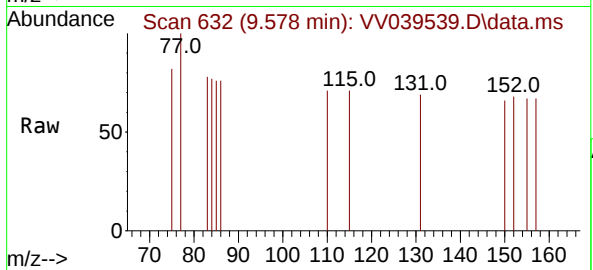
Tgt Ion: 83 Resp: 793

Ion Ratio Lower Upper

83 100

85 138.3 51.0 76.6#

131 76.0 8.6 12.8#



#12

1,4-Dichlorobenzene-d4

Concen: 0.500 ug/L

RT: 11.197 min Scan# 705

Delta R.T. 0.022 min

Lab File: VV039539.D

Acq: 11 Dec 2025 14:08

Tgt Ion: 152 Resp: 2982

Ion Ratio Lower Upper

152 100

115 54.5 0.0 101.6

150 160.6 0.0 396.2

