

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV120425\  
 Data File : VV039462.D  
 Acq On : 04 Dec 2025 12:00  
 Operator : SY/MD  
 Sample : Q3756-10  
 Misc : 25.0 mL/MSVOA\_V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 TB01-120225

Quant Time: Dec 05 00:09:10 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVSIM120325MA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Dec 04 00:58:46 2025  
 Response via : Initial Calibration

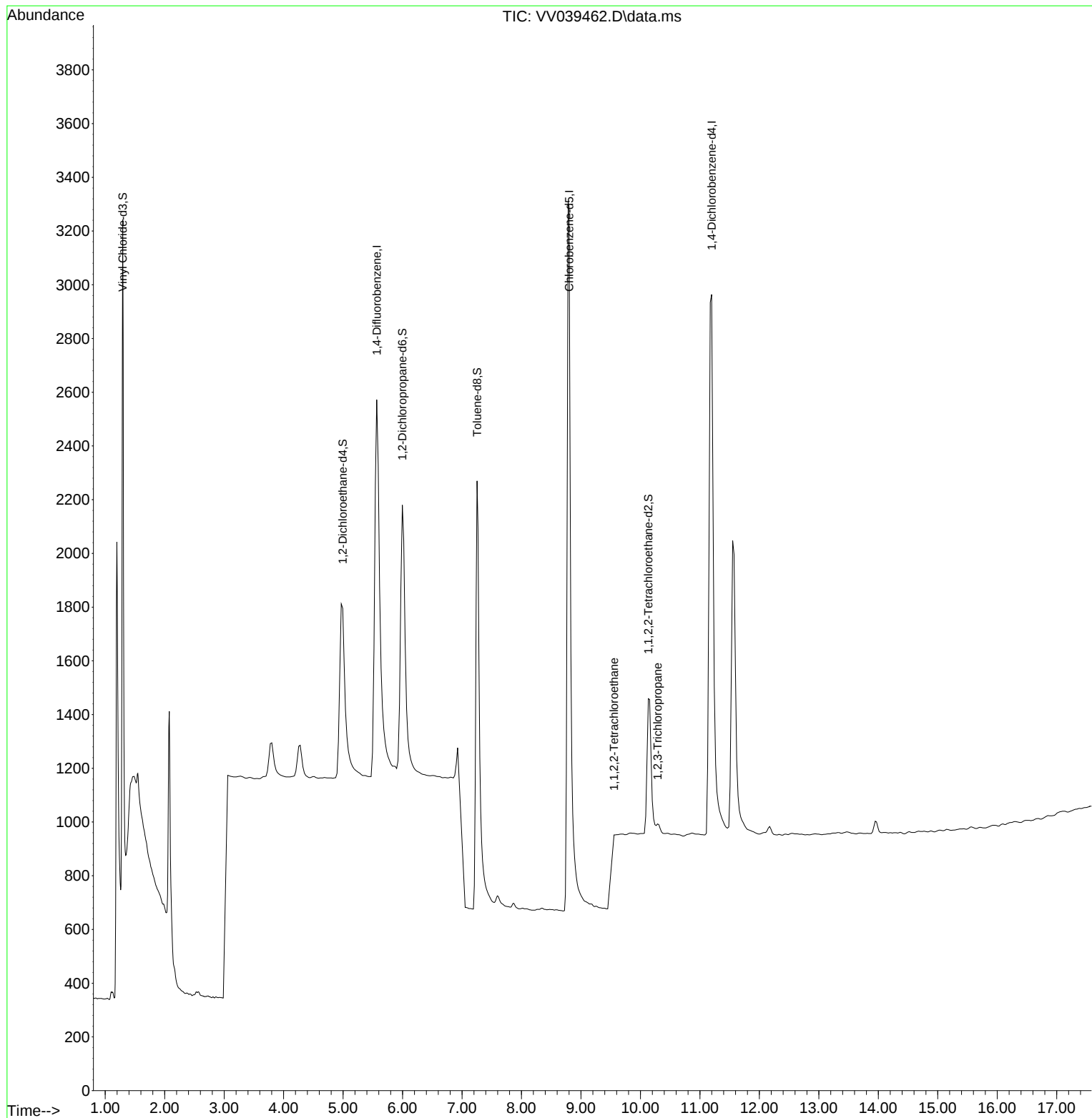
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.566  | 114   | 6252     | 0.500    | ug/L   | 0.00     |
| 5) Chlorobenzene-d5           | 8.800  | 117   | 6195     | 0.500    | ug/L   | 0.02     |
| 12) 1,4-Dichlorobenzene-d4    | 11.197 | 152   | 3146     | 0.500    | ug/L   | 0.02     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 2) Vinyl Chloride-d3          | 1.294  | 65    | 3388     | 0.539    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 40 - 130 | Recovery | =      | 108.000% |
| 4) 1,2-Dichloroethane-d4      | 4.993  | 65    | 1874     | 0.450    | ug/L   | 0.02     |
| Spiked Amount                 | 0.500  | Range | 70 - 130 | Recovery | =      | 90.000%  |
| 7) 1,2-Dichloropropane-d6     | 5.996  | 67    | 2185     | 0.418    | ug/L   | -0.02    |
| Spiked Amount                 | 0.500  | Range | 60 - 140 | Recovery | =      | 84.000%  |
| 8) Toluene-d8                 | 7.254  | 98    | 4126     | 0.468    | ug/L   | 0.02     |
| Spiked Amount                 | 0.500  | Range | 70 - 130 | Recovery | =      | 94.000%  |
| 10) 1,1,2,2-Tetrachloroeth... | 10.133 | 84    | 1530     | 0.519    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 65 - 120 | Recovery | =      | 104.000% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 11) 1,1,2,2-Tetrachloroethane | 9.556  | 83    | 806      | 0.130    | ug/L # | 1        |
| 13) 1,2,3-Trichloropropane    | 10.288 | 75    | 51       | 0.015    | ug/L # | 68       |
| -----                         |        |       |          |          |        |          |

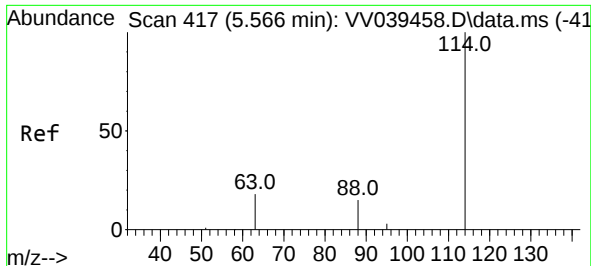
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0  
QLast Update : Thu Dec 04 00:58:46 2025  
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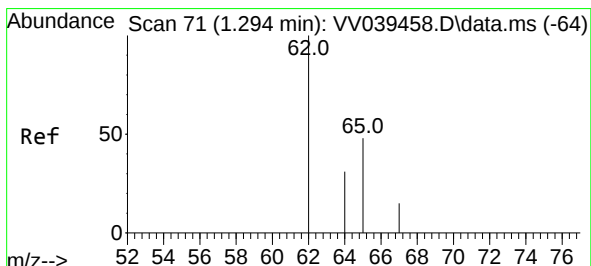
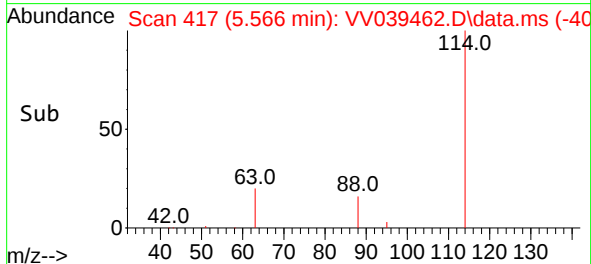
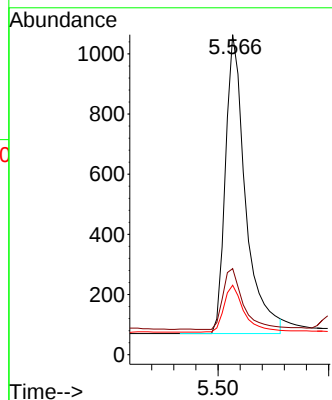
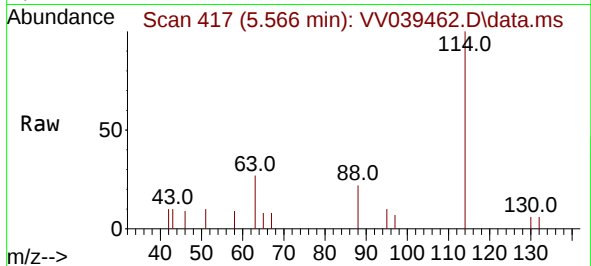




#1  
1,4-Difluorobenzene  
Concen: 0.500 ug/L  
RT: 5.566 min Scan# 417  
Delta R.T. 0.000 min  
Lab File: VV039462.D  
Acq: 04 Dec 2025 12:00

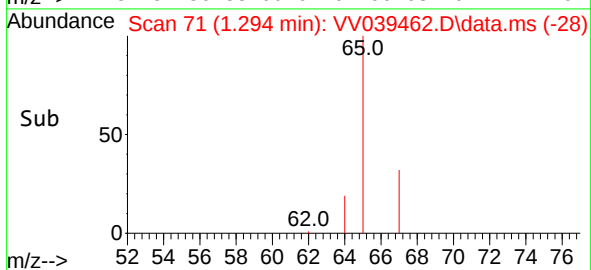
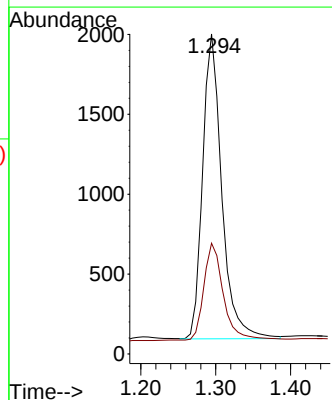
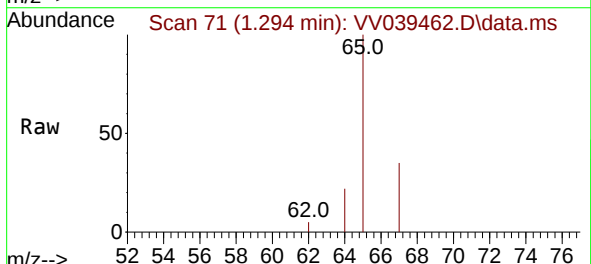
Instrument :  
MSVOA\_V  
ClientSampleId :  
TB01-120225

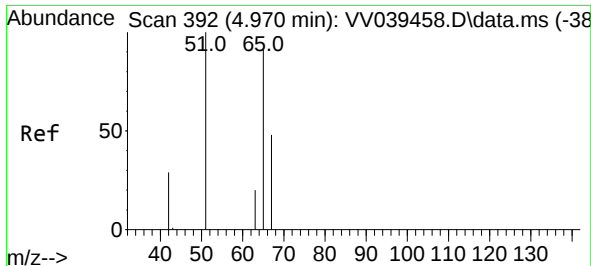
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 114   | Resp: | 6252  |
| Ion      | Ratio | Lower | Upper |
| 114      | 100   |       |       |
| 63       | 20.3  | 15.0  | 22.4  |
| 88       | 15.7  | 12.0  | 18.0  |



#2  
Vinyl Chloride-d3  
Concen: 0.539 ug/L  
RT: 1.294 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VV039462.D  
Acq: 04 Dec 2025 12:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 65    | Resp: | 3388  |
| Ion      | Ratio | Lower | Upper |
| 65       | 100   |       |       |
| 67       | 33.2  | 22.3  | 41.5  |

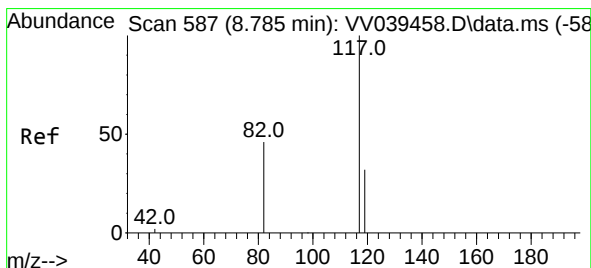
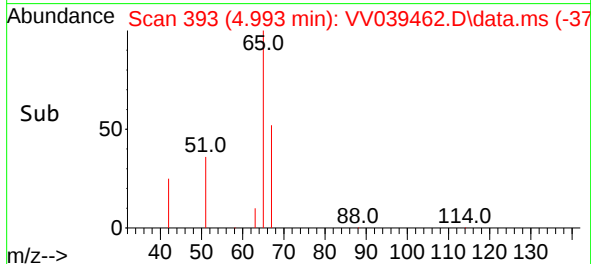
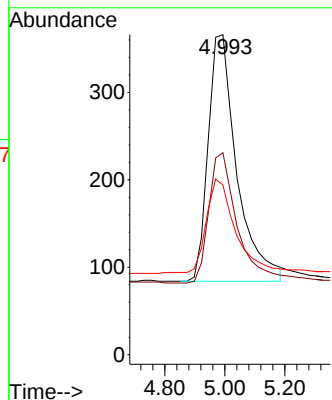
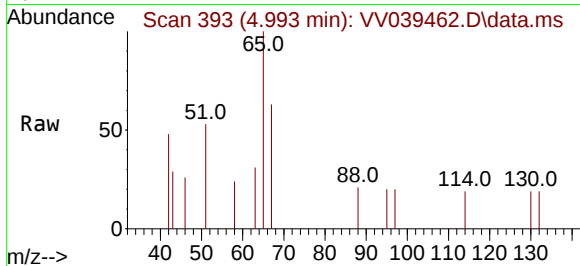




#4  
1,2-Dichloroethane-d4  
Concen: 0.450 ug/L  
RT: 4.993 min Scan# 393  
Delta R.T. 0.024 min  
Lab File: VV039462.D  
Acq: 04 Dec 2025 12:00

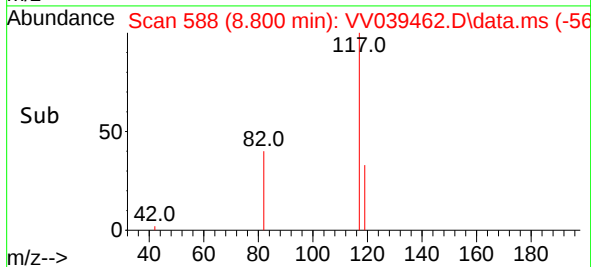
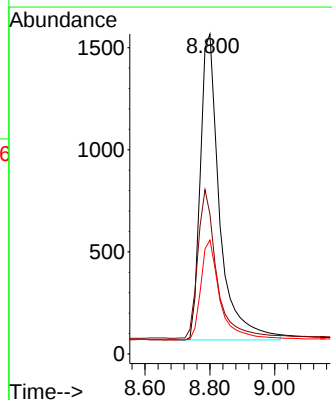
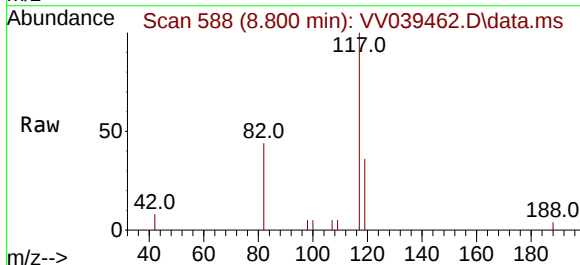
Instrument :  
MSVOA\_V  
ClientSampleId :  
TB01-120225

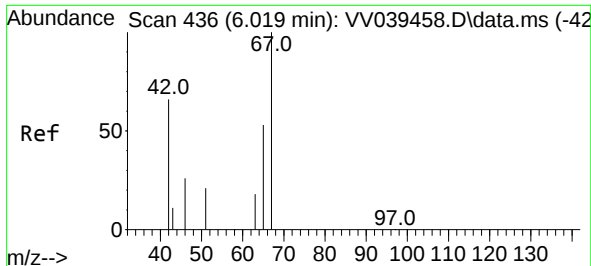
Tgt Ion: 65 Resp: 1874  
Ion Ratio Lower Upper  
65 100  
67 52.4 32.5 60.3  
51 39.0 121.4 225.6#



#5  
Chlorobenzene-d5  
Concen: 0.500 ug/L  
RT: 8.800 min Scan# 588  
Delta R.T. 0.016 min  
Lab File: VV039462.D  
Acq: 04 Dec 2025 12:00

Tgt Ion: 117 Resp: 6195  
Ion Ratio Lower Upper  
117 100  
82 47.9 39.4 59.2  
119 32.6 26.2 39.2

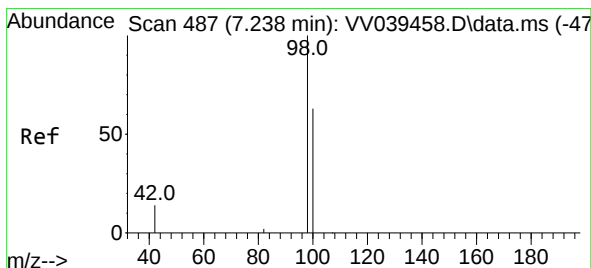
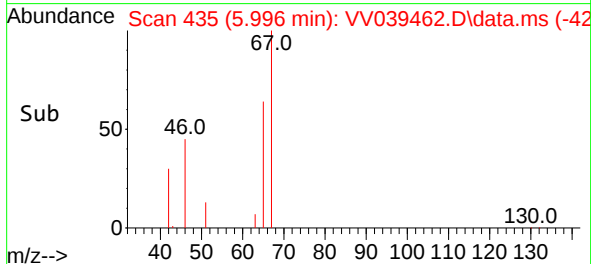
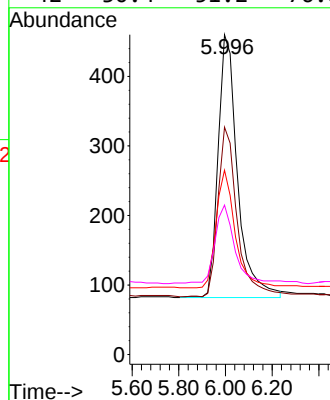
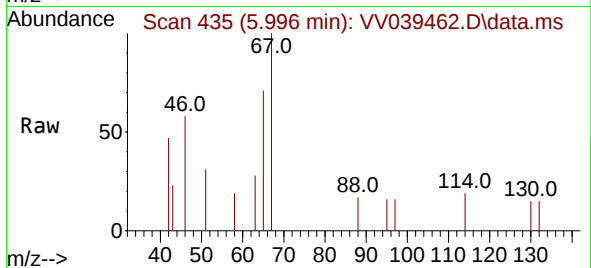




#7  
1,2-Dichloropropane-d6  
Concen: 0.418 ug/L  
RT: 5.996 min Scan# 41  
Delta R.T. -0.023 min  
Lab File: VV039462.D  
Acq: 04 Dec 2025 12:00

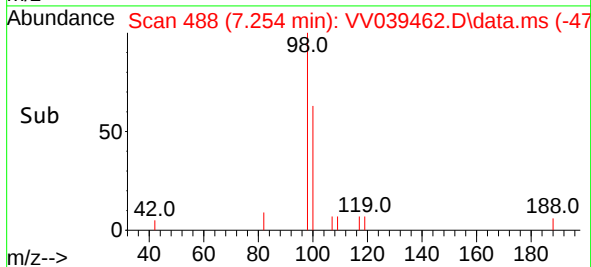
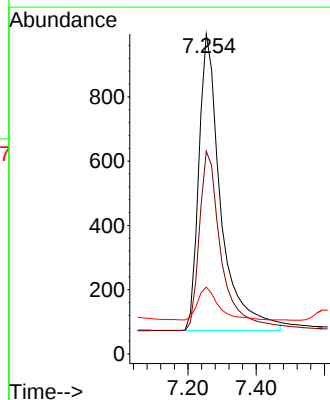
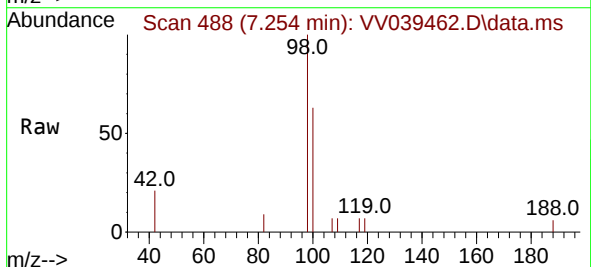
Instrument :  
MSVOA\_V  
ClientSampleId :  
TB01-120225

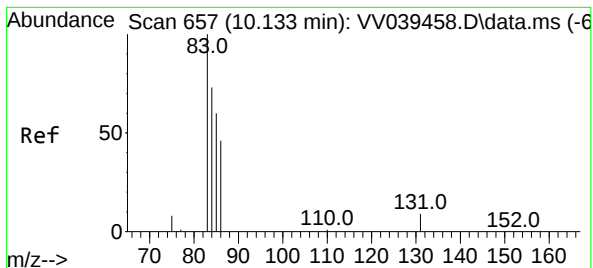
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 67    | Resp: | 2185  |
| Ion      | Ratio | Lower | Upper |
| 67       | 100   |       |       |
| 65       | 63.9  | 37.9  | 56.9# |
| 46       | 43.7  | 27.4  | 41.0# |
| 42       | 30.4  | 51.2  | 76.8# |



#8  
Toluene-d8  
Concen: 0.468 ug/L  
RT: 7.254 min Scan# 488  
Delta R.T. 0.016 min  
Lab File: VV039462.D  
Acq: 04 Dec 2025 12:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 98    | Resp: | 4126  |
| Ion      | Ratio | Lower | Upper |
| 98       | 100   |       |       |
| 100      | 60.7  | 44.5  | 82.7  |
| 42       | 10.3  | 10.1  | 18.7  |





#10

1,1,2,2-Tetrachloroethane-d2

Concen: 0.519 ug/L

RT: 10.133 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV039462.D

Acq: 04 Dec 2025 12:00

Instrument :

MSVOA\_V

ClientSampleId :

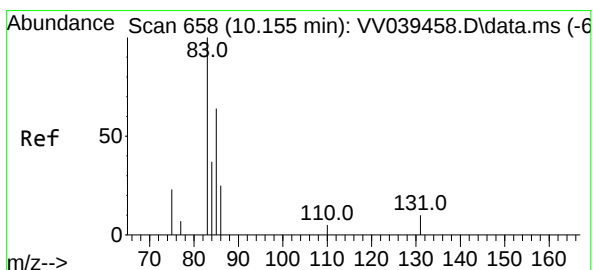
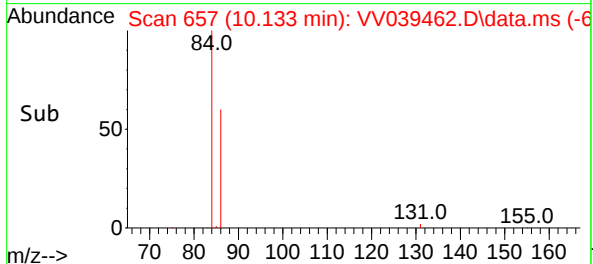
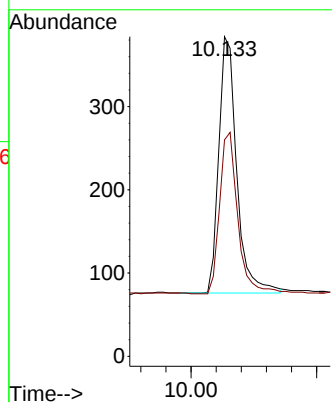
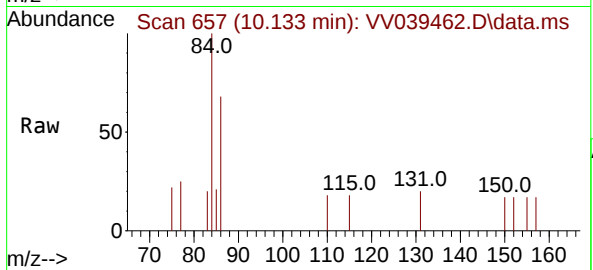
TB01-120225

Tgt Ion: 84 Resp: 1530

Ion Ratio Lower Upper

84 100

86 63.5 44.4 82.5



#11

1,1,2,2-Tetrachloroethane

Concen: 0.130 ug/L

RT: 9.556 min Scan# 631

Delta R.T. -0.599 min

Lab File: VV039462.D

Acq: 04 Dec 2025 12:00

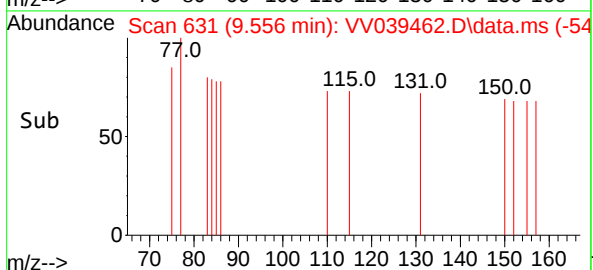
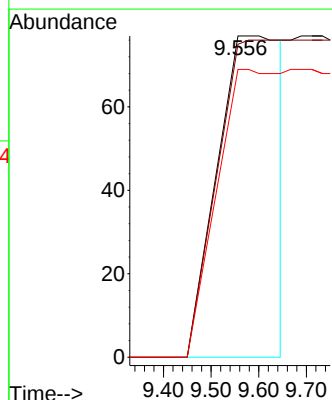
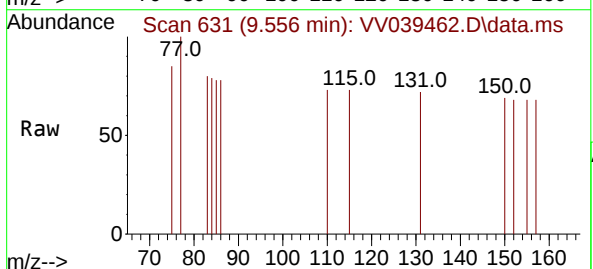
Tgt Ion: 83 Resp: 806

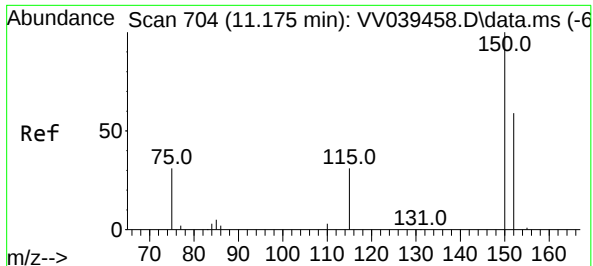
Ion Ratio Lower Upper

83 100

85 280.8 51.0 76.6#

131 76.8 8.6 12.8#





#12

1,4-Dichlorobenzene-d4

Concen: 0.500 ug/L

RT: 11.197 min Scan# 704

Delta R.T. 0.022 min

Lab File: VV039462.D

Acq: 04 Dec 2025 12:00

Instrument :

MSVOA\_V

ClientSampleId :

TB01-120225

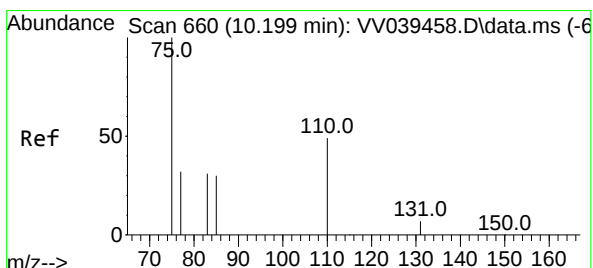
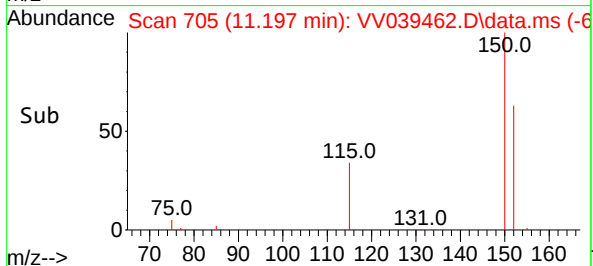
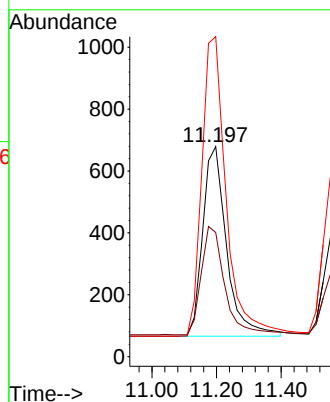
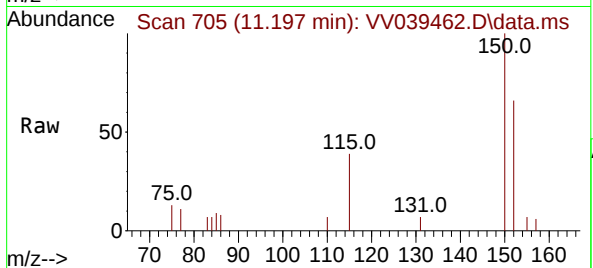
Tgt Ion:152 Resp: 3146

Ion Ratio Lower Upper

152 100

115 55.8 0.0 101.6

150 160.1 0.0 396.2



#13

1,2,3-Trichloropropane

Concen: 0.015 ug/L

RT: 10.288 min Scan# 664

Delta R.T. 0.089 min

Lab File: VV039462.D

Acq: 04 Dec 2025 12:00

Tgt Ion: 75 Resp: 51

Ion Ratio Lower Upper

75 100

110 68.6 37.8 56.6#

77 13.7 25.6 38.4#

