

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV120825\  
 Data File : VV039492.D  
 Acq On : 08 Dec 2025 14:59  
 Operator : SY/MD  
 Sample : Q3788-04  
 Misc : 25.0 mL/MSVOA\_V/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 OWBR-05-135-120525-SIM

Quant Time: Dec 09 01:27:49 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

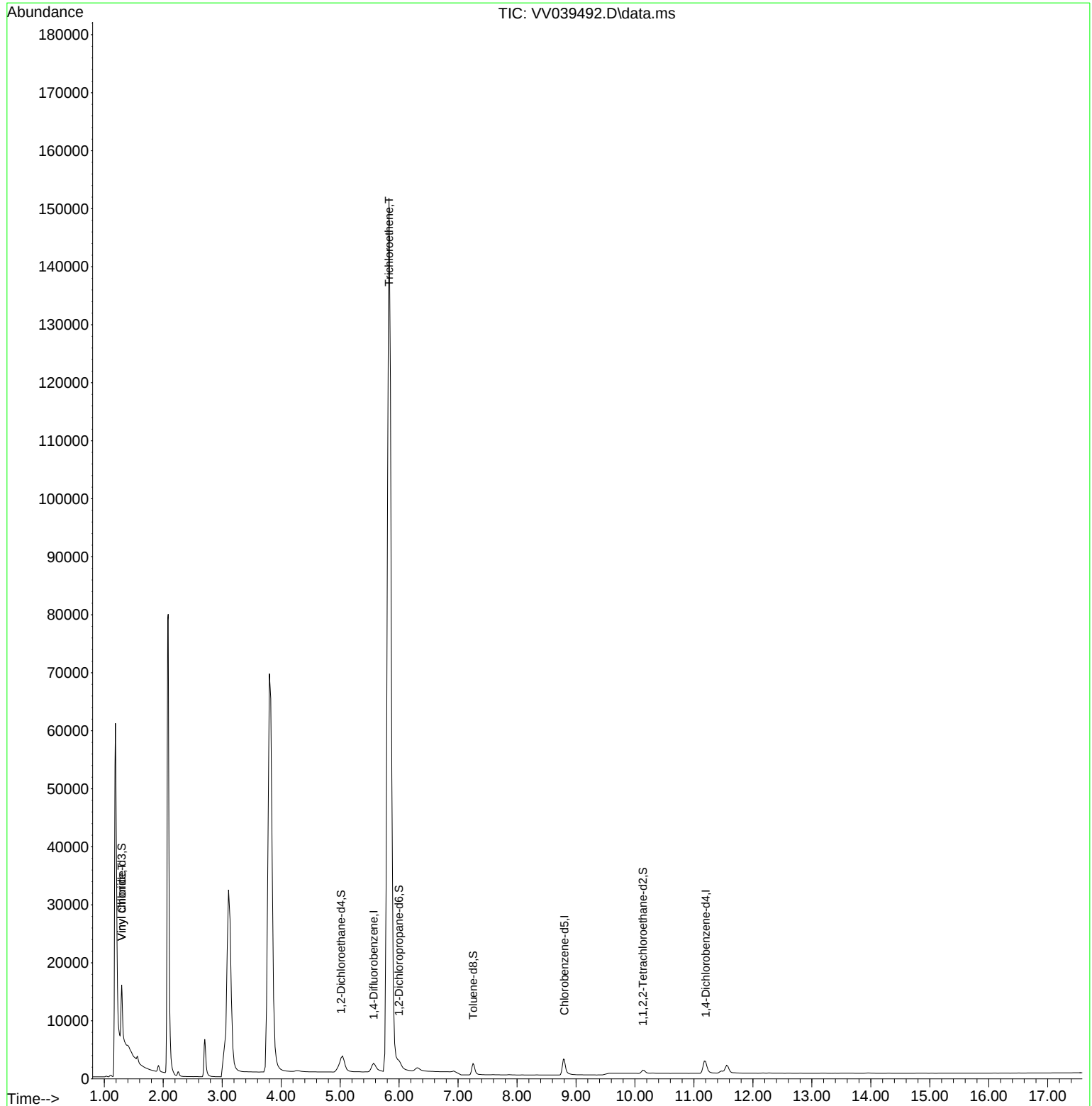
| Compound                      | R.T.           | QIon | Response             | Conc   | Units  | Dev(Min) |
|-------------------------------|----------------|------|----------------------|--------|--------|----------|
| -----                         |                |      |                      |        |        |          |
| Internal Standards            |                |      |                      |        |        |          |
| 1) 1,4-Difluorobenzene        | 5.566          | 114  | 6770                 | 0.500  | ug/L   | 0.00     |
| 5) Chlorobenzene-d5           | 8.800          | 117  | 6255                 | 0.500  | ug/L   | 0.02     |
| 12) 1,4-Dichlorobenzene-d4    | 11.197         | 152  | 3155                 | 0.500  | ug/L   | 0.02     |
| System Monitoring Compounds   |                |      |                      |        |        |          |
| 2) Vinyl Chloride-d3          | 1.294          | 65   | 3493                 | 0.513  | ug/L   | 0.00     |
| Spiked Amount 0.500           | Range 40 - 130 |      | Recovery = 102.000%  |        |        |          |
| 4) 1,2-Dichloroethane-d4      | 5.017          | 65   | 3545                 | 0.786  | ug/L   | 0.05     |
| Spiked Amount 0.500           | Range 70 - 130 |      | Recovery = 158.000%# |        |        |          |
| 7) 1,2-Dichloropropane-d6     | 5.995          | 67   | 2208                 | 0.418  | ug/L   | -0.02    |
| Spiked Amount 0.500           | Range 60 - 140 |      | Recovery = 84.000%   |        |        |          |
| 8) Toluene-d8                 | 7.253          | 98   | 4475                 | 0.503  | ug/L   | 0.02     |
| Spiked Amount 0.500           | Range 70 - 130 |      | Recovery = 100.000%  |        |        |          |
| 10) 1,1,2,2-Tetrachloroeth... | 10.133         | 84   | 1576                 | 0.530  | ug/L   | 0.00     |
| Spiked Amount 0.500           | Range 65 - 120 |      | Recovery = 106.000%  |        |        |          |
| Target Compounds              |                |      |                      |        |        |          |
|                               |                |      |                      |        | Qvalue |          |
| 3) Vinyl chloride             | 1.294          | 62   | 9508                 | 0.649  | ug/L # | 1        |
| 6) Trichloroethene            | 5.828          | 95   | 181618               | 23.426 | ug/L   | 96       |
| -----                         |                |      |                      |        |        |          |

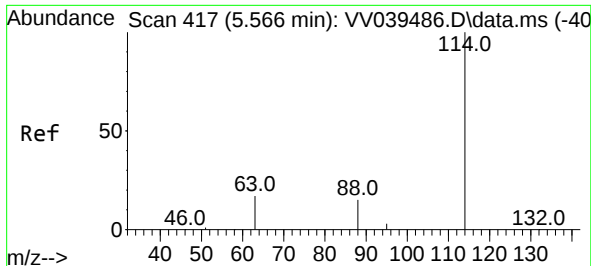
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 04 00:58:46 2025  
Response via : Initial Calibration

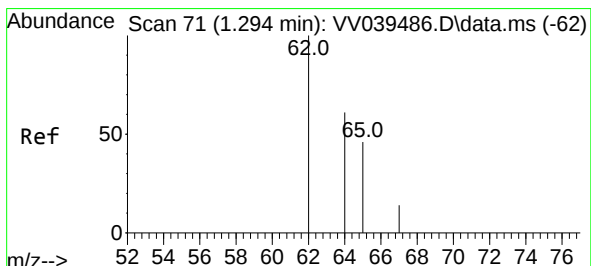
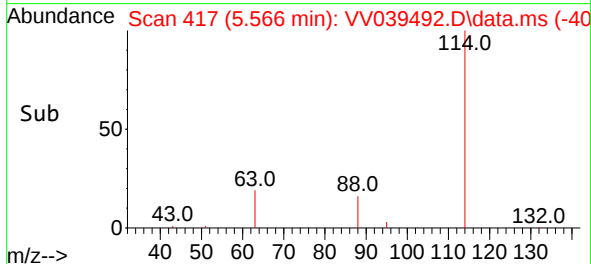
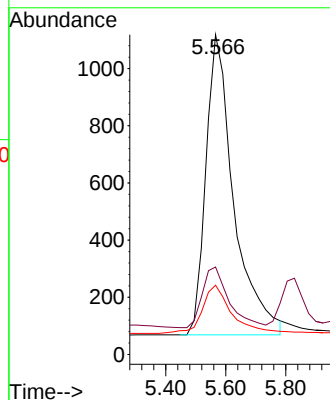
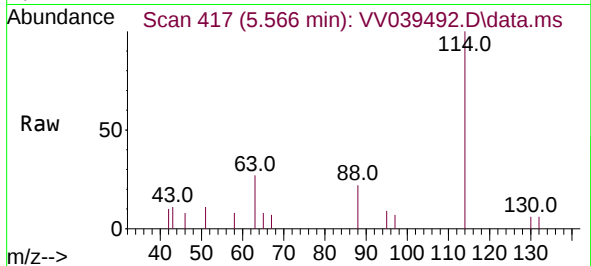




#1  
 1,4-Difluorobenzene  
 Concen: 0.500 ug/L  
 RT: 5.566 min Scan# 417  
 Delta R.T. -0.000 min  
 Lab File: VV039492.D  
 Acq: 08 Dec 2025 14:59

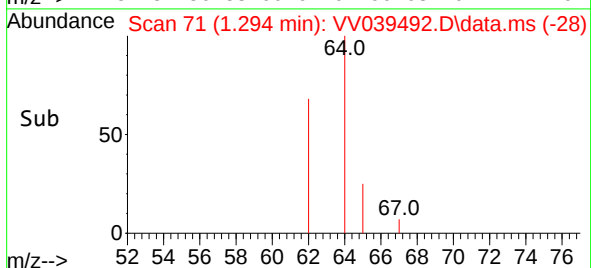
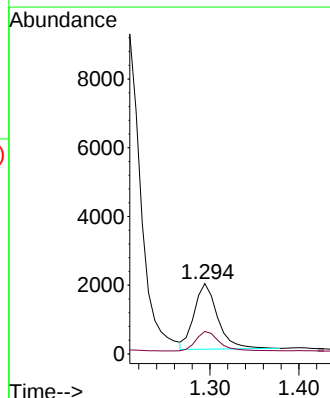
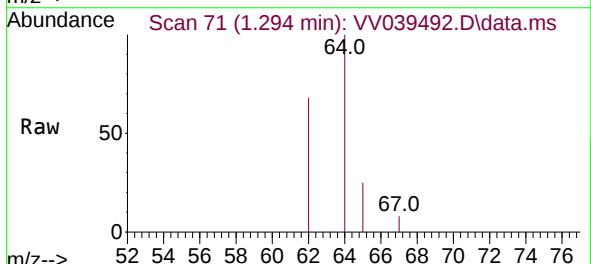
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 OWBR-05-135-120525-SIM

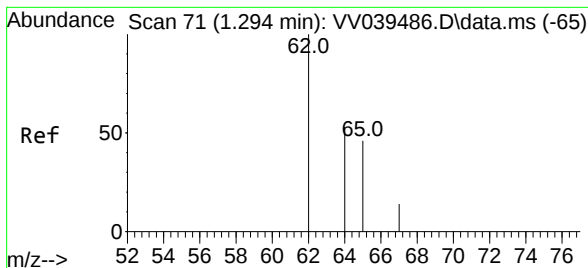
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 114   | Resp: | 6770  |
| Ion      | Ratio | Lower | Upper |
| 114      | 100   |       |       |
| 63       | 19.2  | 15.0  | 22.4  |
| 88       | 16.6  | 12.0  | 18.0  |



#2  
 Vinyl Chloride-d3  
 Concen: 0.513 ug/L  
 RT: 1.294 min Scan# 71  
 Delta R.T. 0.000 min  
 Lab File: VV039492.D  
 Acq: 08 Dec 2025 14:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 65    | Resp: | 3493  |
| Ion      | Ratio | Lower | Upper |
| 65       | 100   |       |       |
| 67       | 29.4  | 22.3  | 41.5  |





#3

Vinyl chloride

Concen: 0.649 ug/L

RT: 1.294 min Scan# 71

Delta R.T. 0.000 min

Lab File: VV039492.D

Acq: 08 Dec 2025 14:59

Instrument :

MSVOA\_V

ClientSampleId :

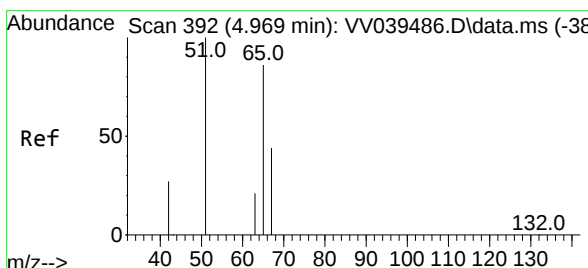
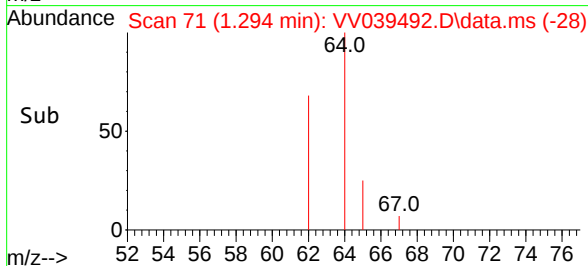
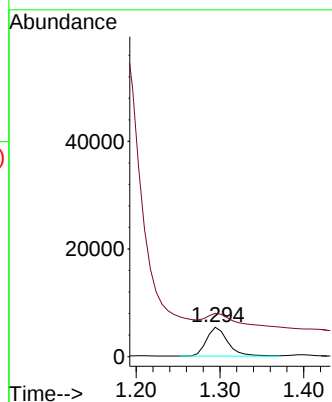
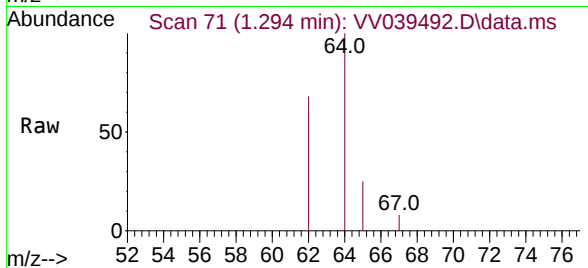
OWBR-05-135-120525-SIM

Tgt Ion: 62 Resp: 9508

Ion Ratio Lower Upper

62 100

64 147.1 24.8 46.0#



#4

1,2-Dichloroethane-d4

Concen: 0.786 ug/L

RT: 5.017 min Scan# 394

Delta R.T. 0.048 min

Lab File: VV039492.D

Acq: 08 Dec 2025 14:59

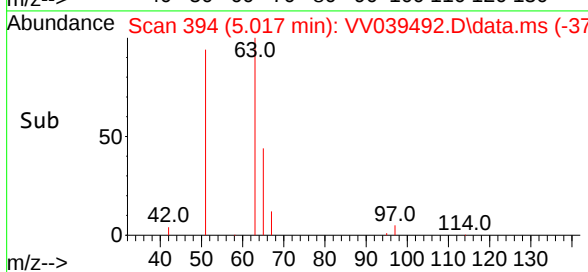
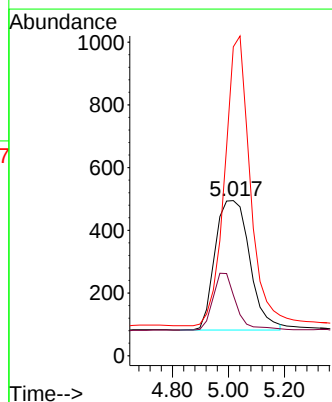
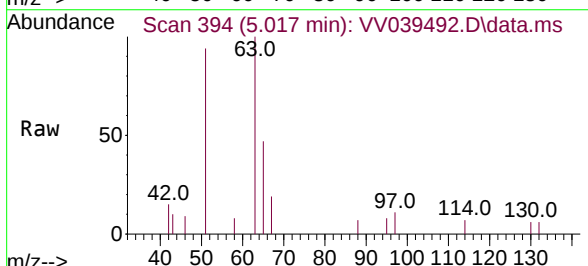
Tgt Ion: 65 Resp: 3545

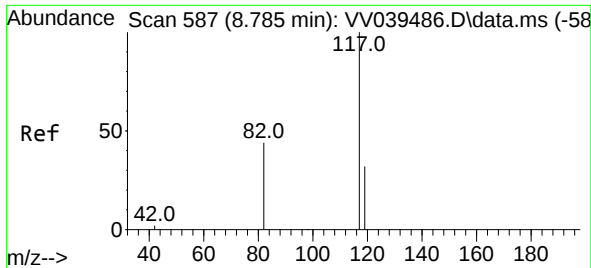
Ion Ratio Lower Upper

65 100

67 29.6 32.5 60.3#

51 163.6 121.4 225.6

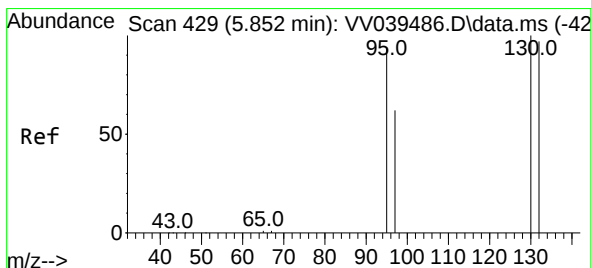
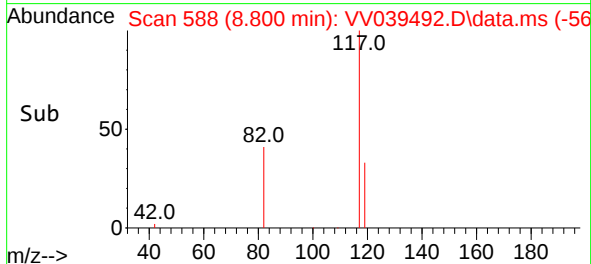
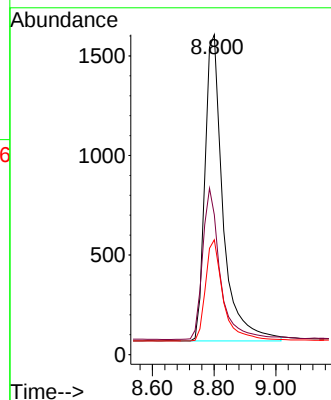
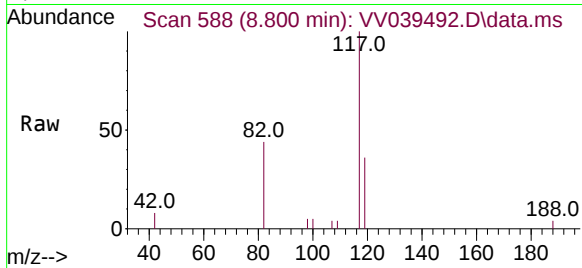




#5  
Chlorobenzene-d5  
Concen: 0.500 ug/L  
RT: 8.800 min Scan# 587  
Delta R.T. 0.015 min  
Lab File: VV039492.D  
Acq: 08 Dec 2025 14:59

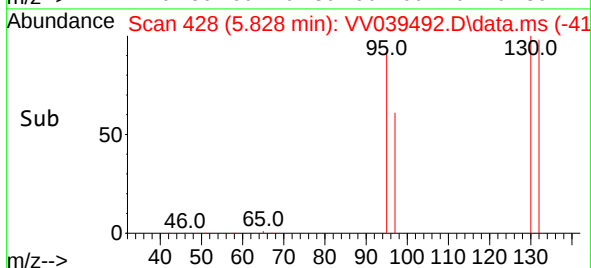
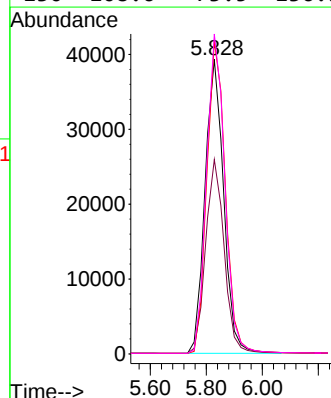
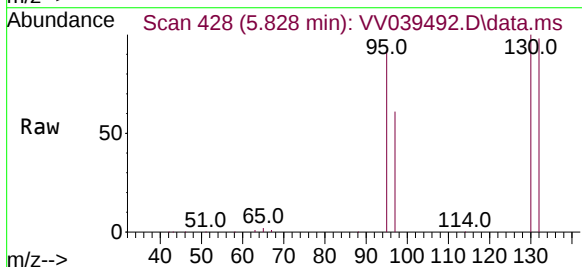
Instrument :  
MSVOA\_V  
ClientSampleId :  
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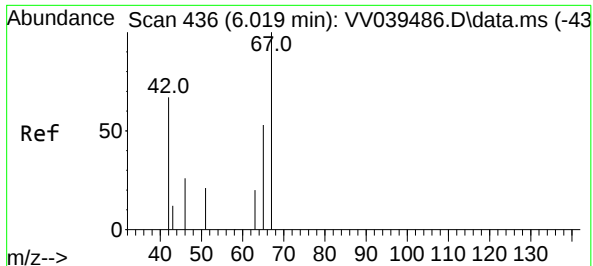
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 6255  |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 82       | 48.5  | 39.4  | 59.2  |
| 119      | 32.7  | 26.2  | 39.2  |



#6  
Trichloroethene  
Concen: 23.426 ug/L  
RT: 5.828 min Scan# 428  
Delta R.T. -0.024 min  
Lab File: VV039492.D  
Acq: 08 Dec 2025 14:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 95    | Resp: | 181618 |
| Ion      | Ratio | Lower | Upper  |
| 95       | 100   |       |        |
| 97       | 66.0  | 47.7  | 88.7   |
| 132      | 106.1 | 70.8  | 131.4  |
| 130      | 108.6 | 73.5  | 136.5  |



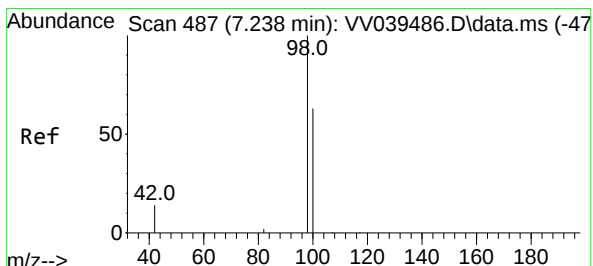
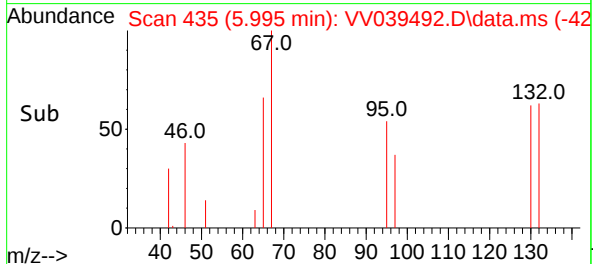
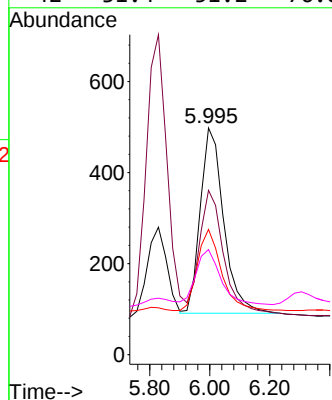
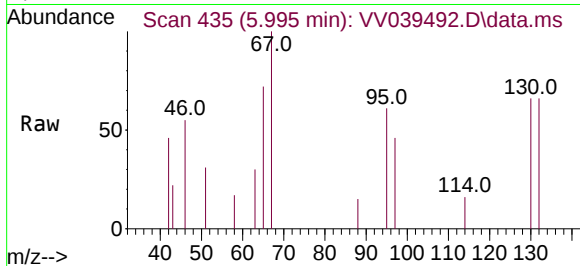


#7  
1,2-Dichloropropane-d6  
Concen: 0.418 ug/L  
RT: 5.995 min Scan# 436  
Delta R.T. -0.024 min  
Lab File: VV039492.D  
Acq: 08 Dec 2025 14:59

Instrument :  
MSVOA\_V  
ClientSampleId :  
OWBR-05-135-120525-SIM

Tgt Ion: 67 Resp: 2208

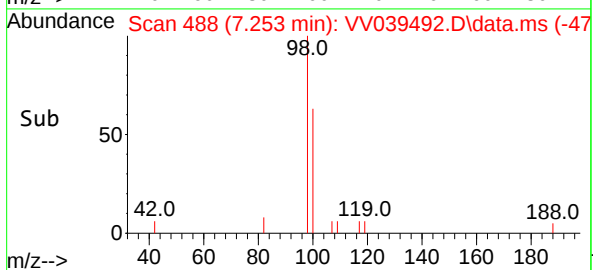
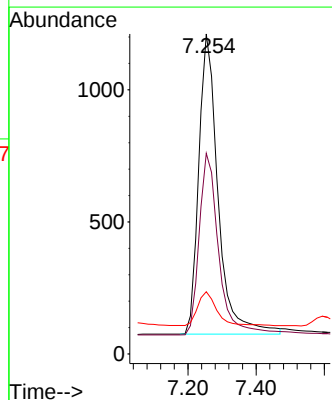
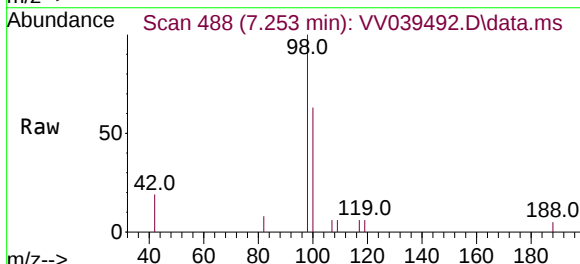
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 67  | 100   |       |       |
| 65  | 66.7  | 37.9  | 56.9# |
| 46  | 44.6  | 27.4  | 41.0# |
| 42  | 31.4  | 51.2  | 76.8# |

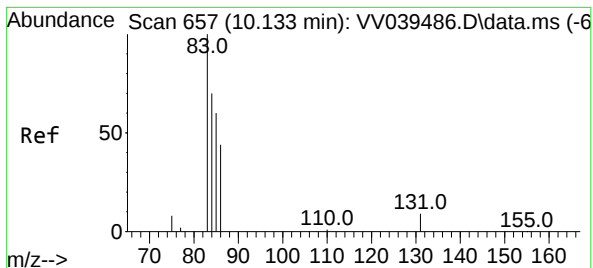


#8  
Toluene-d8  
Concen: 0.503 ug/L  
RT: 7.253 min Scan# 488  
Delta R.T. 0.015 min  
Lab File: VV039492.D  
Acq: 08 Dec 2025 14:59

Tgt Ion: 98 Resp: 4475

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 98  | 100   |       |       |
| 100 | 61.1  | 44.5  | 82.7  |
| 42  | 11.2  | 10.1  | 18.7  |





#10

1,1,2,2-Tetrachloroethane-d2

Concen: 0.530 ug/L

RT: 10.133 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV039492.D

Acq: 08 Dec 2025 14:59

Instrument :

MSVOA\_V

ClientSampleId :

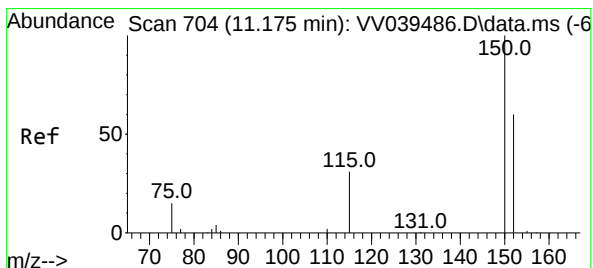
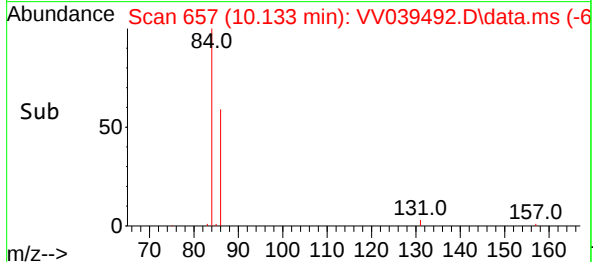
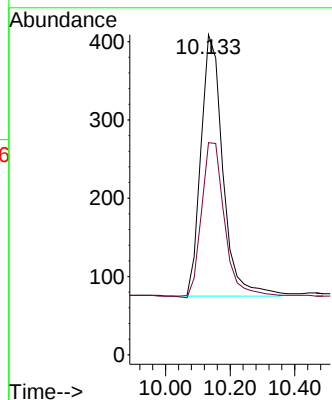
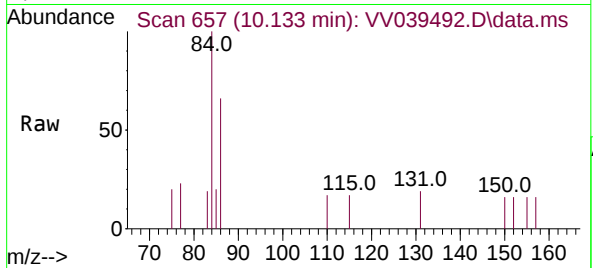
OWBR-05-135-120525-SIM

Tgt Ion: 84 Resp: 1576

Ion Ratio Lower Upper

84 100

86 62.1 44.4 82.5



#12

1,4-Dichlorobenzene-d4

Concen: 0.500 ug/L

RT: 11.197 min Scan# 705

Delta R.T. 0.022 min

Lab File: VV039492.D

Acq: 08 Dec 2025 14:59

Tgt Ion: 152 Resp: 3155

Ion Ratio Lower Upper

152 100

115 55.6 0.0 101.6

150 161.5 0.0 396.2

