

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV120925\  
 Data File : VV039514.D  
 Acq On : 09 Dec 2025 18:51  
 Operator : SY/MD  
 Sample : Q3757-14  
 Misc : 25.0 mL/MSVOA\_V/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VHBLK001

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 12/10/2025  
 Supervised By : Mahesh Dadoda 12/10/2025

Quant Time: Dec 10 01:18:44 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  | 5508       | 0.500    | ug/L  | 0.00     |
| 5) Chlorobenzene-d5           | 8.800          | 117  | 5536       | 0.500    | ug/L  | 0.02     |
| 12) 1,4-Dichlorobenzene-d4    | 11.198         | 152  | 2897       | 0.500    | ug/L  | 0.02     |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 2) Vinyl Chloride-d3          | 1.295          | 65   | 3141m      | 0.581    | ug/L  | 0.00     |
| Spiked Amount 0.500           | Range 40 - 130 |      | Recovery = | 116.000% |       |          |
| 4) 1,2-Dichloroethane-d4      | 4.994          | 65   | 1787       | 0.487    | ug/L  | 0.02     |
| Spiked Amount 0.500           | Range 70 - 130 |      | Recovery = | 98.000%  |       |          |
| 7) 1,2-Dichloropropane-d6     | 5.996          | 67   | 2060       | 0.441    | ug/L  | -0.02    |
| Spiked Amount 0.500           | Range 60 - 140 |      | Recovery = | 88.000%  |       |          |
| 8) Toluene-d8                 | 7.254          | 98   | 3801       | 0.482    | ug/L  | 0.02     |
| Spiked Amount 0.500           | Range 70 - 130 |      | Recovery = | 96.000%  |       |          |
| 10) 1,1,2,2-Tetrachloroeth... | 10.133         | 84   | 1502       | 0.571    | ug/L  | 0.00     |
| Spiked Amount 0.500           | Range 65 - 120 |      | Recovery = | 114.000% |       |          |

Target Compounds Qvalue

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

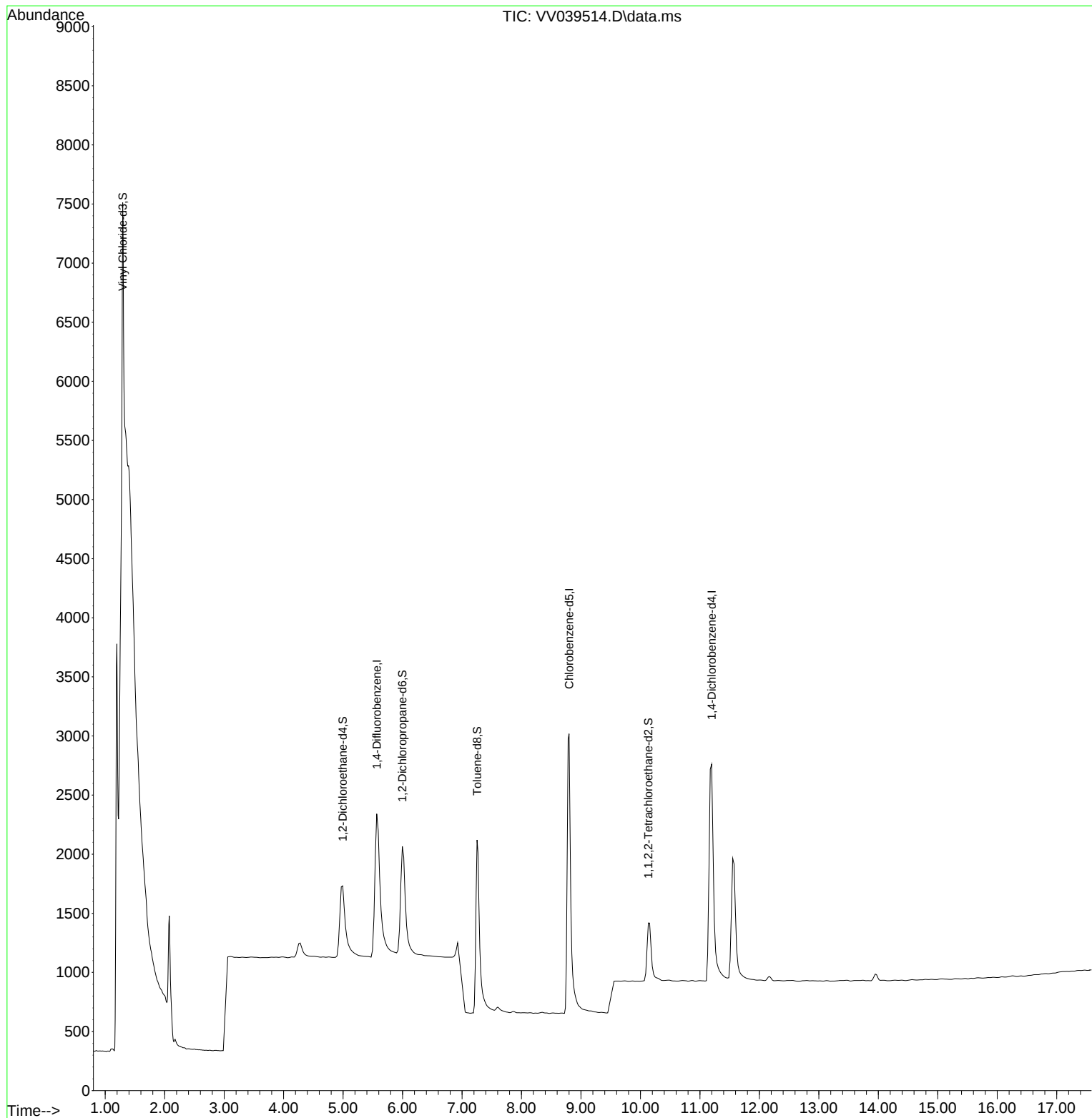
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV120925\  
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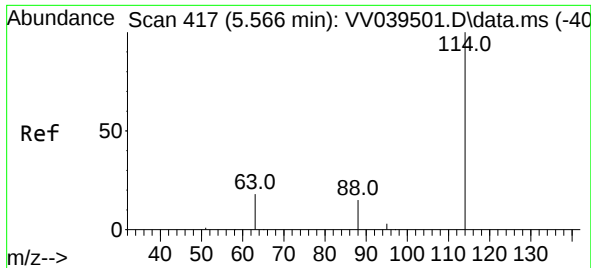
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Quant Title : TRACE VOA SOM01.0  
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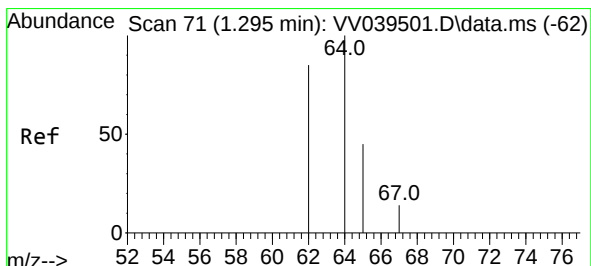
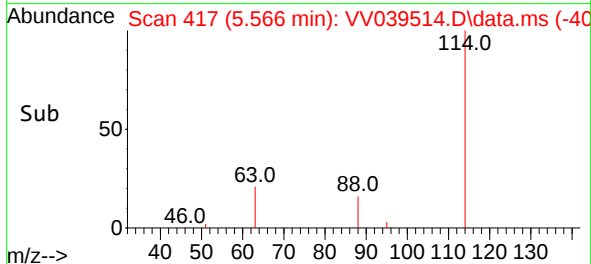
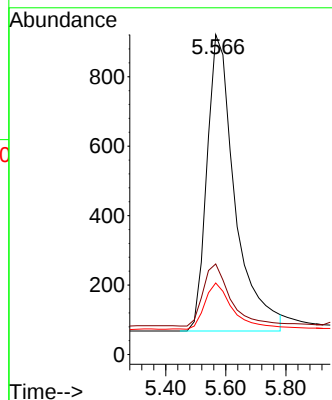
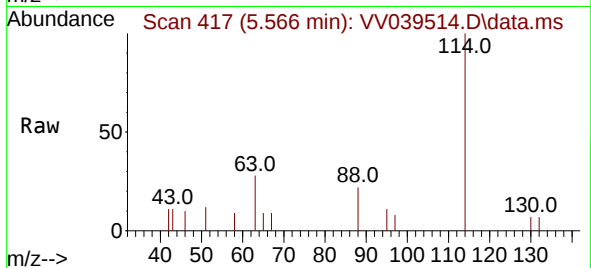
#1  
1,4-Difluorobenzene  
Concen: 0.500 ug/L  
RT: 5.566 min Scan# 417  
Delta R.T. 0.000 min  
Lab File: VV039514.D  
Acq: 09 Dec 2025 18:51

Instrument :  
MSVOA\_V  
ClientSampleId :  
VHBLK001

Tgt Ion:114 Resp: 5508  
Ion Ratio Lower Upper  
114 100  
63 20.6 15.0 22.4  
88 15.6 12.0 18.0

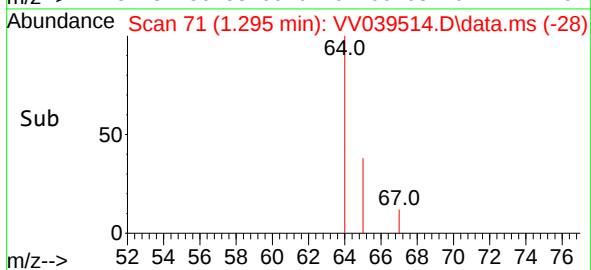
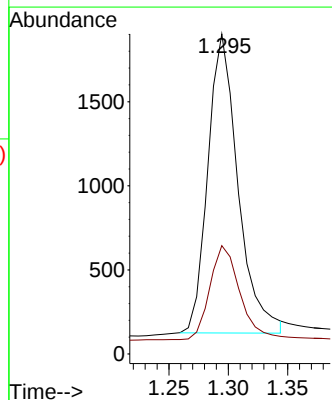
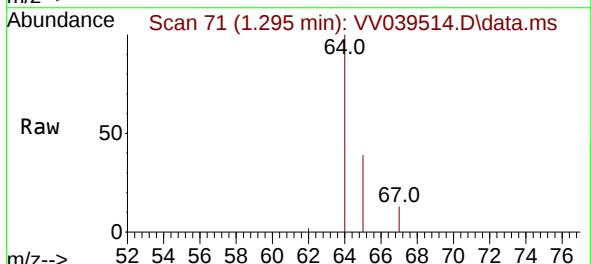
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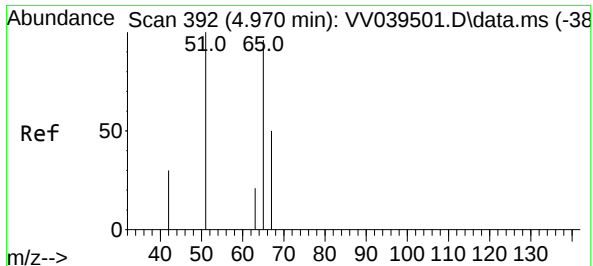
Reviewed By :John Carlone 12/10/2025  
Supervised By :Mahesh Dadoda 12/10/2025



#2  
Vinyl Chloride-d3  
Concen: 0.581 ug/L m  
RT: 1.295 min Scan# 71  
Delta R.T. 0.001 min  
Lab File: VV039514.D  
Acq: 09 Dec 2025 18:51

Tgt Ion: 65 Resp: 3141  
Ion Ratio Lower Upper  
65 100  
67 34.3 22.3 41.5





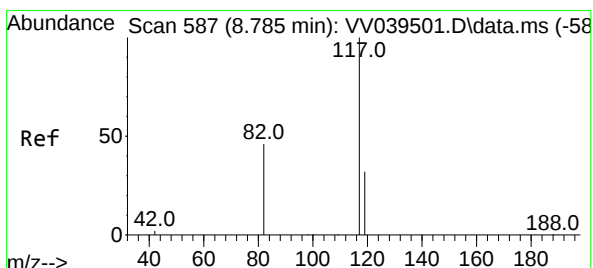
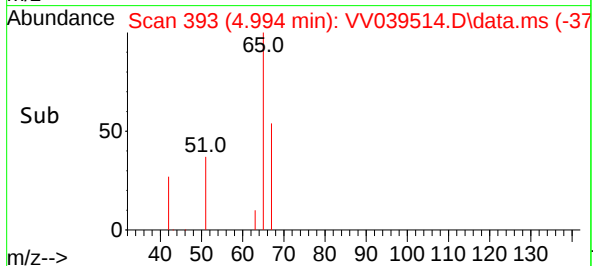
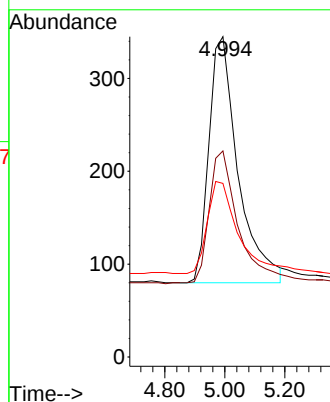
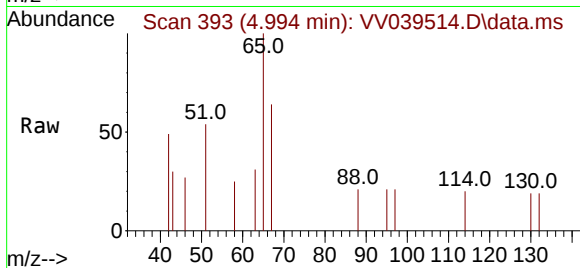
#4  
1,2-Dichloroethane-d4  
Concen: 0.487 ug/L  
RT: 4.994 min Scan# 392  
Delta R.T. 0.025 min  
Lab File: VV039514.D  
Acq: 09 Dec 2025 18:51

Instrument :  
MSVOA\_V  
ClientSampleId :  
VHBLK001

Tgt Ion: 65 Resp: 178  
Ion Ratio Lower Upper  
65 100  
67 53.8 32.5 60.3  
51 39.1 121.4 225.6

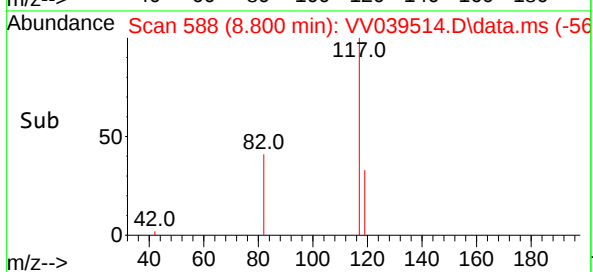
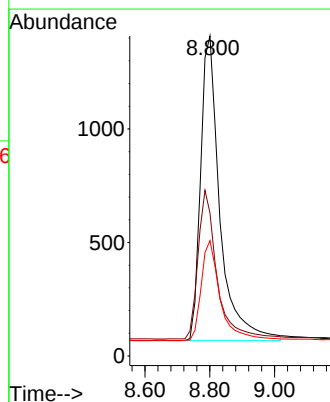
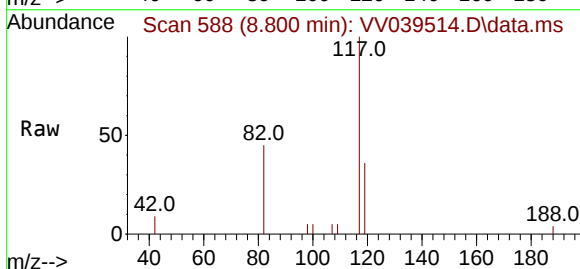
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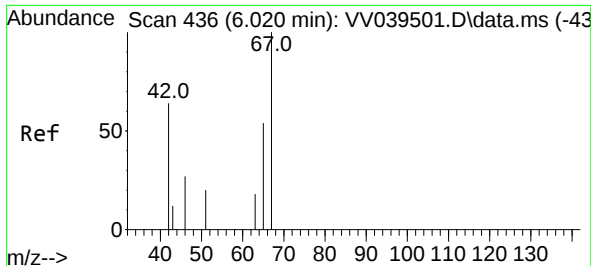
Reviewed By :John Carlone 12/10/2025  
Supervised By :Mahesh Dadoda 12/10/2025



#5  
Chlorobenzene-d5  
Concen: 0.500 ug/L  
RT: 8.800 min Scan# 588  
Delta R.T. 0.015 min  
Lab File: VV039514.D  
Acq: 09 Dec 2025 18:51

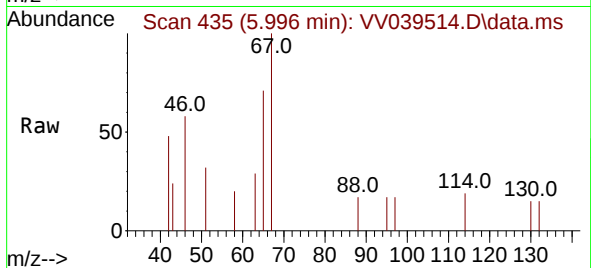
Tgt Ion:117 Resp: 5536  
Ion Ratio Lower Upper  
117 100  
82 47.9 39.4 59.2  
119 32.6 26.2 39.2





#7  
1,2-Dichloropropane-d6  
Concen: 0.441 ug/L  
RT: 5.996 min Scan# 41  
Delta R.T. -0.023 min  
Lab File: VV039514.D  
Acq: 09 Dec 2025 18:51

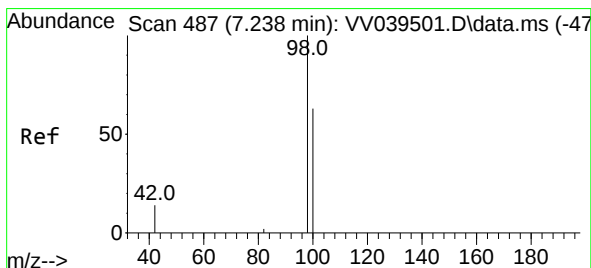
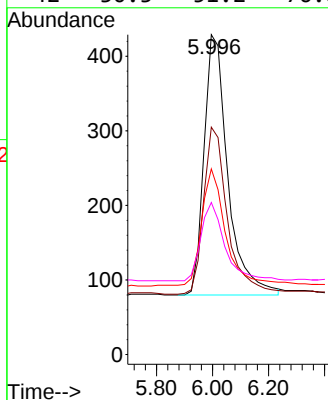
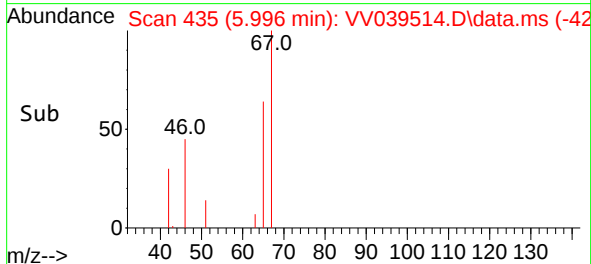
Instrument :  
MSVOA\_V  
ClientSampleId :  
VHBLK001



Tgt Ion: 67 Resp: 2060  
Ion Ratio Lower Upper  
67 100  
65 64.5 37.9 56.9  
46 45.7 27.4 41.0  
42 30.3 51.2 76.8

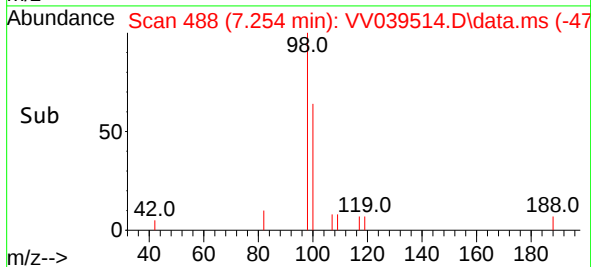
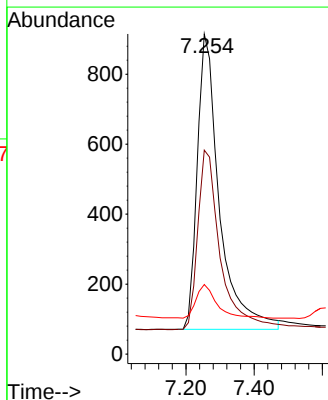
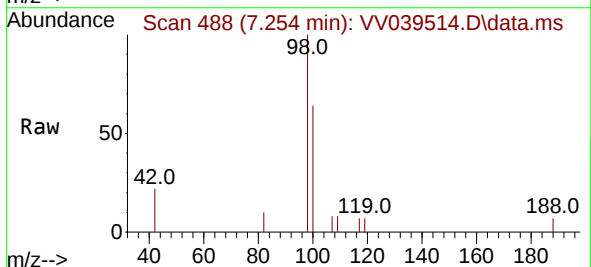
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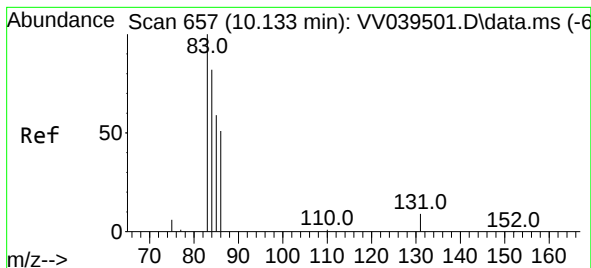
Reviewed By :John Carlone 12/10/2025  
Supervised By :Mahesh Dadoda 12/10/2025



#8  
Toluene-d8  
Concen: 0.482 ug/L  
RT: 7.254 min Scan# 488  
Delta R.T. 0.016 min  
Lab File: VV039514.D  
Acq: 09 Dec 2025 18:51

Tgt Ion: 98 Resp: 3801  
Ion Ratio Lower Upper  
98 100  
100 61.6 44.5 82.7  
42 10.5 10.1 18.7





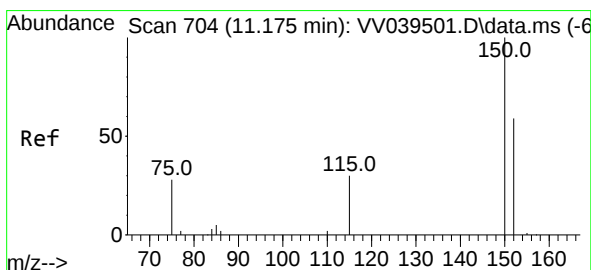
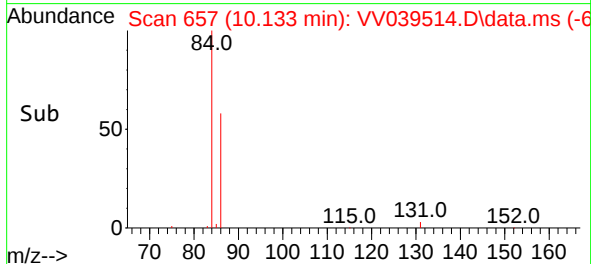
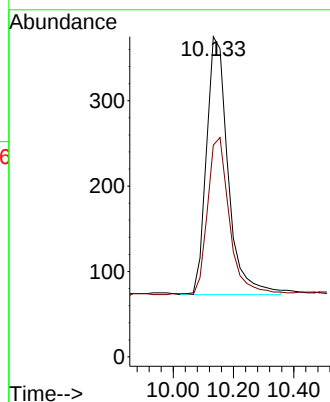
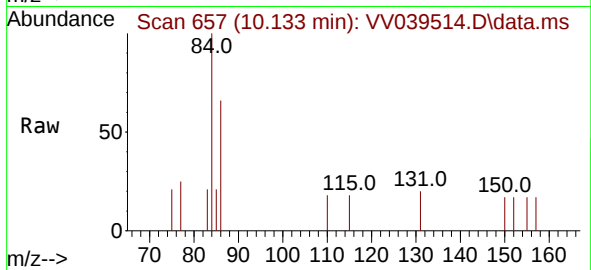
#10  
1,1,2,2-Tetrachloroethane-d2  
Concen: 0.571 ug/L  
RT: 10.133 min Scan# 610  
Delta R.T. -0.000 min  
Lab File: VV039514.D  
Acq: 09 Dec 2025 18:51

Instrument :  
MSVOA\_V  
ClientSampleId :  
VHBLK001

Tgt Ion: 84 Resp: 1502  
Ion Ratio Lower Upper  
84 100  
86 61.6 44.4 82.5

Manual Integrations  
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Supervised By :Mahesh Dadoda 12/10/2025



#12  
1,4-Dichlorobenzene-d4  
Concen: 0.500 ug/L  
RT: 11.198 min Scan# 705  
Delta R.T. 0.022 min  
Lab File: VV039514.D  
Acq: 09 Dec 2025 18:51

Tgt Ion:152 Resp: 2897  
Ion Ratio Lower Upper  
152 100  
115 55.4 0.0 101.6  
150 159.1 0.0 396.2

