

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120925\
 Data File : VV039511.D
 Acq On : 09 Dec 2025 17:48
 Operator : SY/MD
 Sample : Q3787-18
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 OW-08B-72.5-120425-SIM-FD

Quant Time: Dec 10 01:18:10 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

Manual Integrations
 APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	7201	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	6889	0.500	ug/L	0.00
12) 1,4-Dichlorobenzene-d4	11.197	152	3685	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.287	65	3606m	0.510	ug/L	0.00
Spiked Amount 0.500	Range 40 - 130		Recovery =	102.000%		
4) 1,2-Dichloroethane-d4	4.993	65	1983	0.414	ug/L	0.02
Spiked Amount 0.500	Range 70 - 130		Recovery =	82.000%		
7) 1,2-Dichloropropane-d6	5.996	67	2352	0.405	ug/L	-0.02
Spiked Amount 0.500	Range 60 - 140		Recovery =	80.000%		
8) Toluene-d8	7.254	98	4431	0.452	ug/L	0.02
Spiked Amount 0.500	Range 70 - 130		Recovery =	90.000%		
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1617	0.494	ug/L	0.00
Spiked Amount 0.500	Range 65 - 120		Recovery =	98.000%		

Target Compounds Qvalue

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

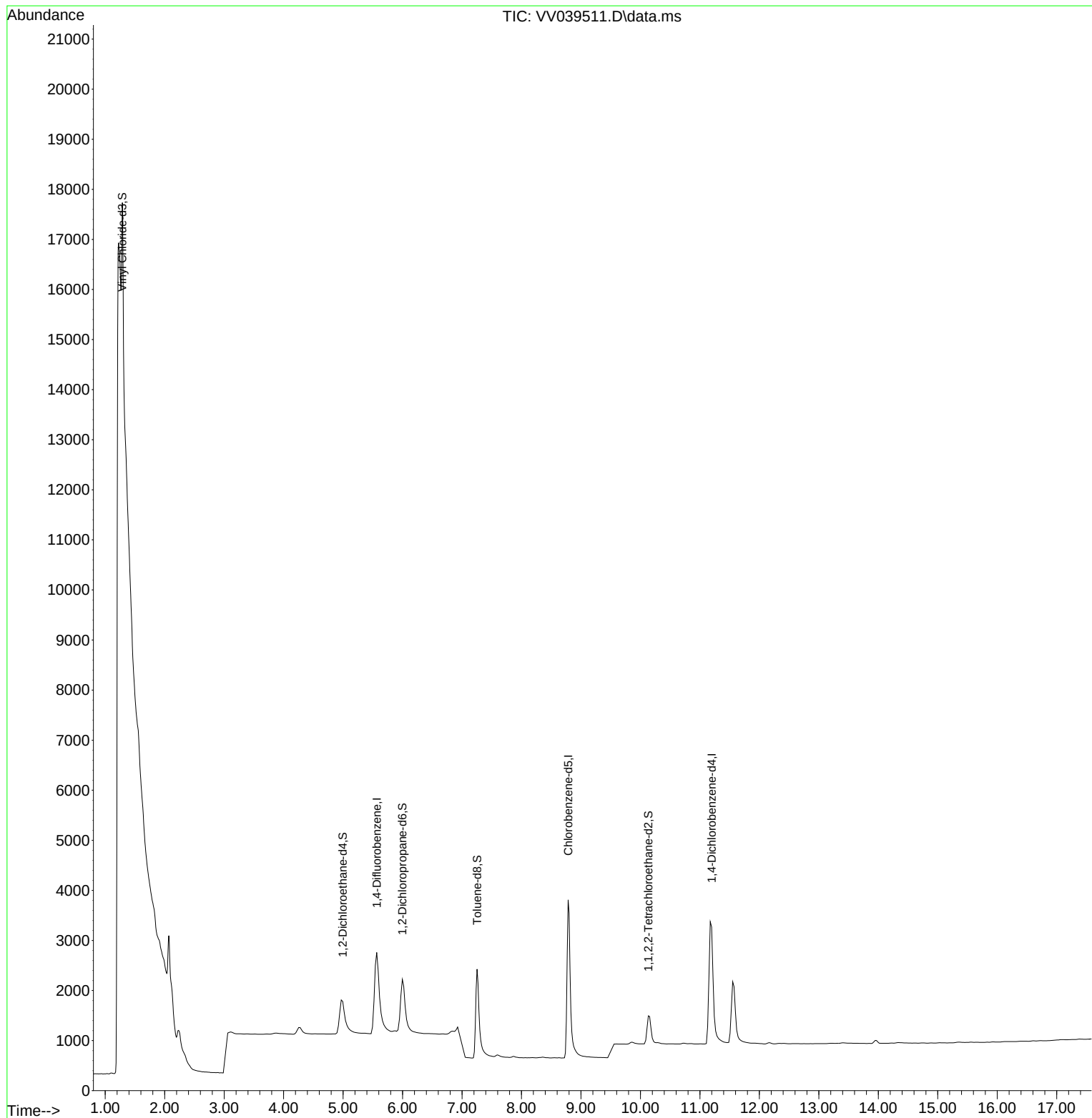
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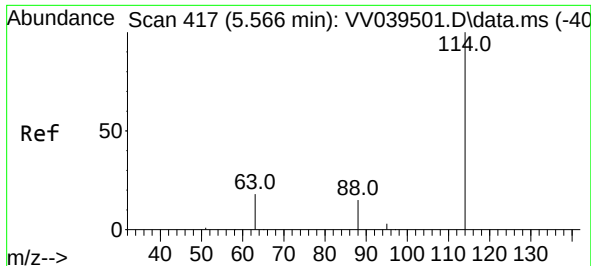
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MSVOA_V
ClientSampleId :
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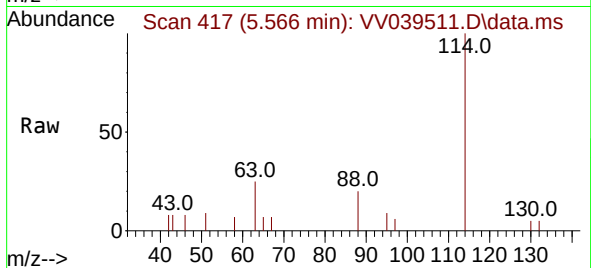
Reviewed By : John Carlone 12/10/2025
Supervised By : Mahesh Dadoda 12/10/2025





#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. 0.000 min
Lab File: VV039511.D
Acq: 09 Dec 2025 17:48

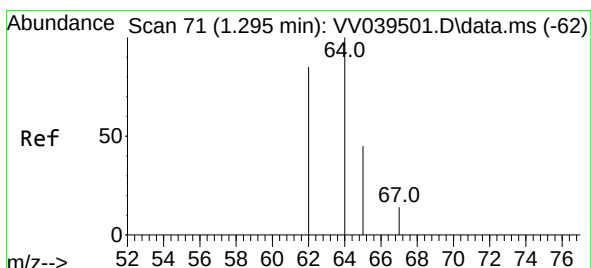
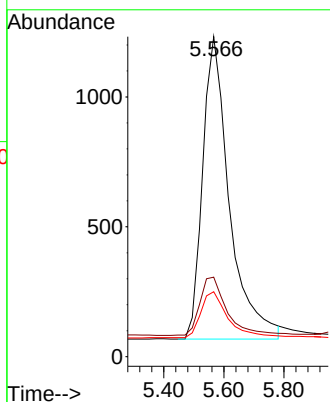
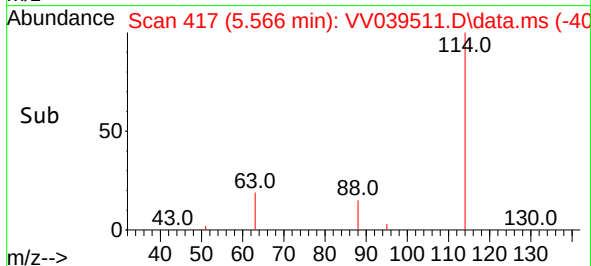
Instrument :
MSVOA_V
ClientSampleId :
OW-08B-72.5-120425-SIM-FD



Tgt Ion:114 Resp: 720
Ion Ratio Lower Upper
114 100
63 19.3 15.0 22.4
88 15.8 12.0 18.0

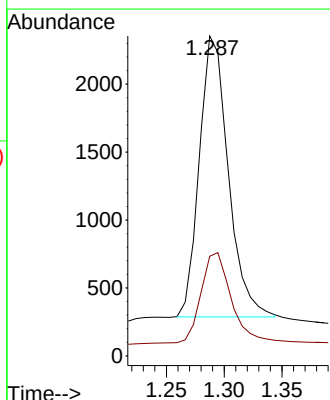
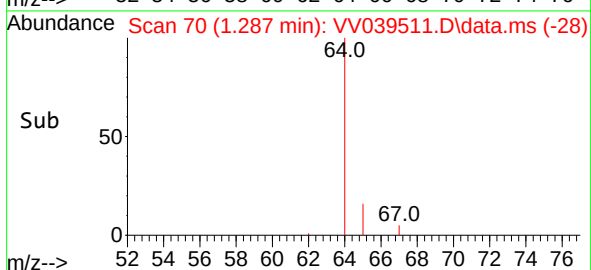
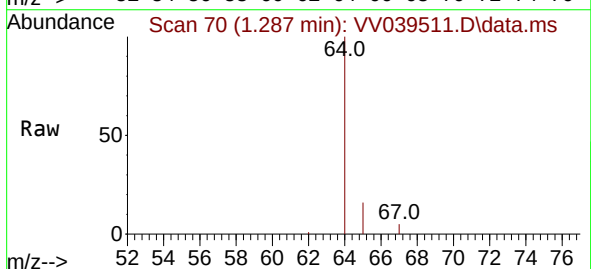
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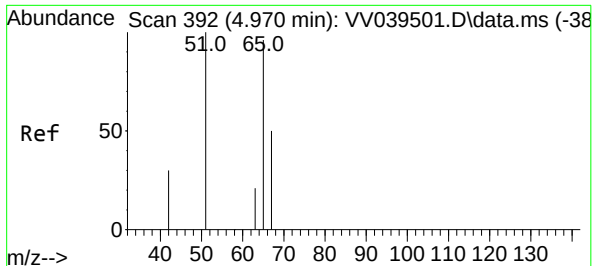
Reviewed By :John Carlone 12/10/2025
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#2
Vinyl Chloride-d3
Concen: 0.510 ug/L m
RT: 1.287 min Scan# 70
Delta R.T. -0.007 min
Lab File: VV039511.D
Acq: 09 Dec 2025 17:48

Tgt Ion: 65 Resp: 3606
Ion Ratio Lower Upper
65 100
67 39.3 22.3 41.5





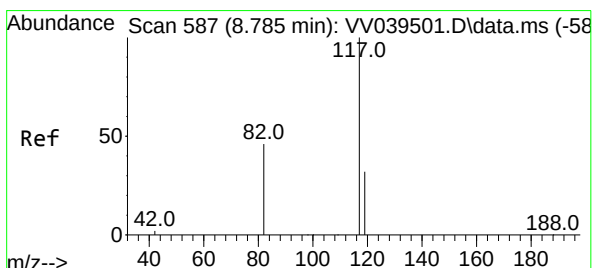
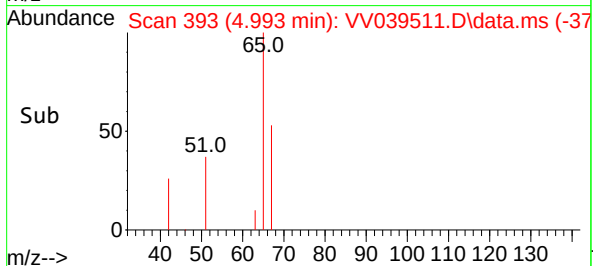
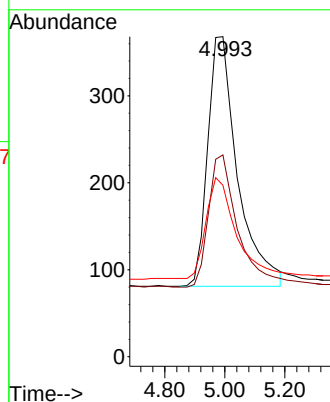
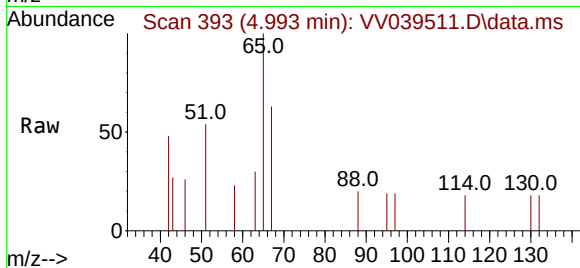
#4
1,2-Dichloroethane-d4
Concen: 0.414 ug/L
RT: 4.993 min Scan# 392
Delta R.T. 0.024 min
Lab File: VV039511.D
Acq: 09 Dec 2025 17:48

Instrument :
MSVOA_V
ClientSampleId :
OW-08B-72.5-120425-SIM-FD

Tgt Ion: 65 Resp: 1983
Ion Ratio Lower Upper
65 100
67 51.8 32.5 60.3
51 40.7 121.4 225.6

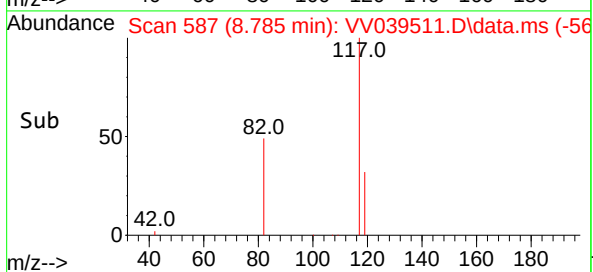
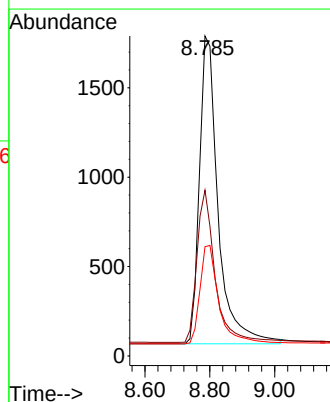
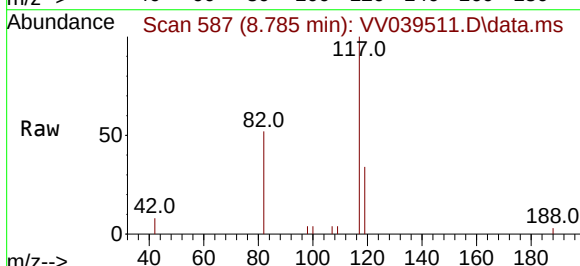
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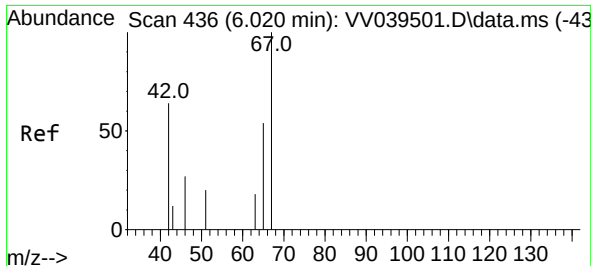
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 587
Delta R.T. -0.000 min
Lab File: VV039511.D
Acq: 09 Dec 2025 17:48

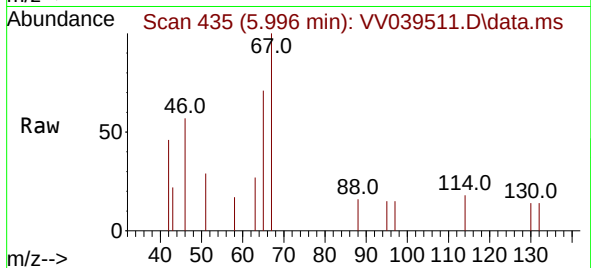
Tgt Ion:117 Resp: 6889
Ion Ratio Lower Upper
117 100
82 48.2 39.4 59.2
119 32.4 26.2 39.2





#7
1,2-Dichloropropane-d6
Concen: 0.405 ug/L
RT: 5.996 min Scan# 41
Delta R.T. -0.023 min
Lab File: VV039511.D
Acq: 09 Dec 2025 17:48

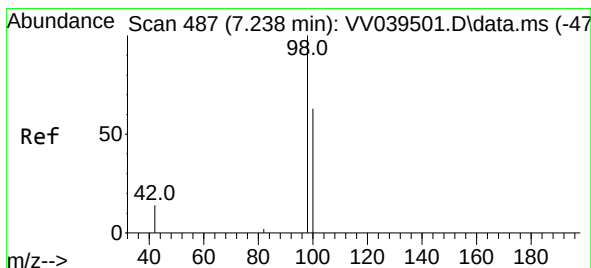
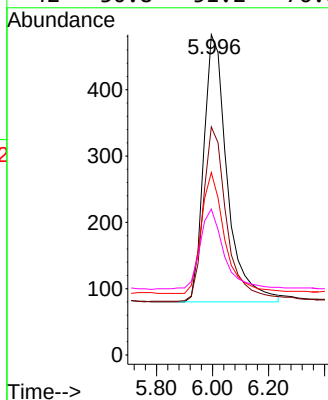
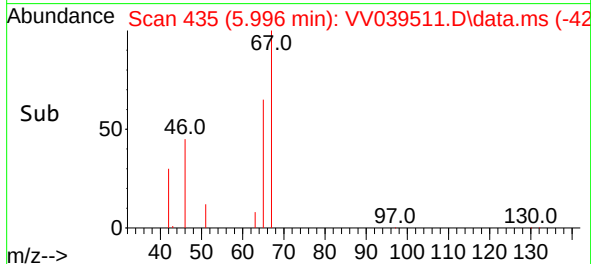
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Tgt Ion: 67 Resp: 235
Ion Ratio Lower Upper
67 100
65 65.2 37.9 56.9
46 45.1 27.4 41.0
42 30.8 51.2 76.8

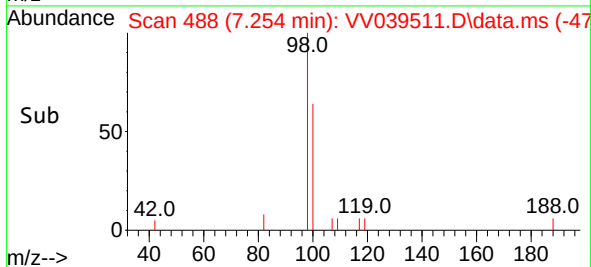
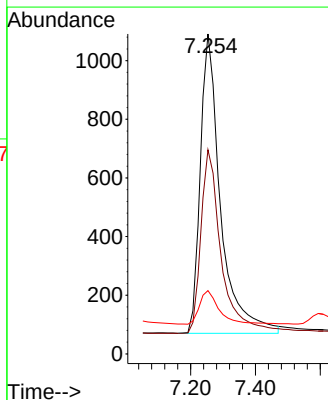
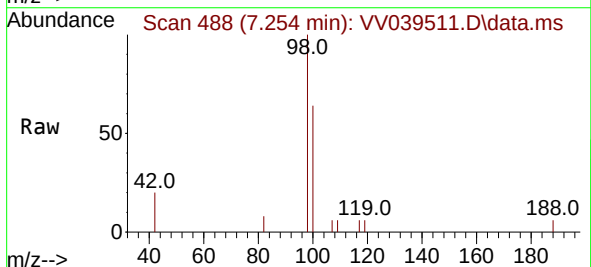
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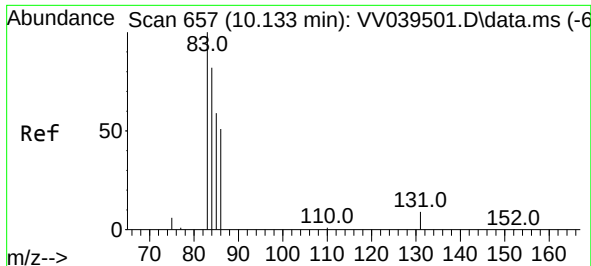
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#8
Toluene-d8
Concen: 0.452 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039511.D
Acq: 09 Dec 2025 17:48

Tgt Ion: 98 Resp: 4431
Ion Ratio Lower Upper
98 100
100 61.6 44.5 82.7
42 10.7 10.1 18.7





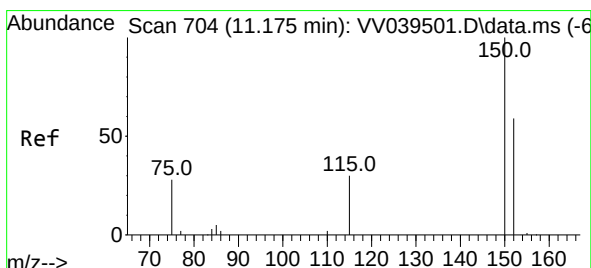
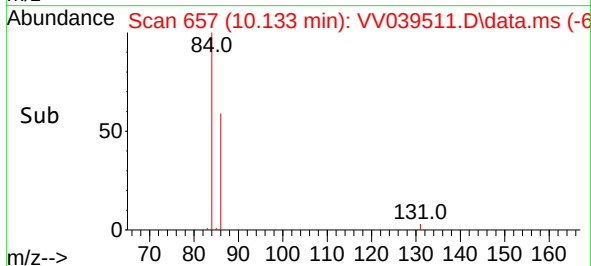
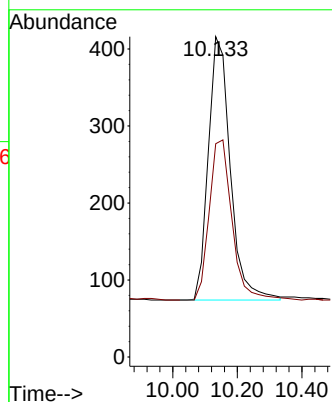
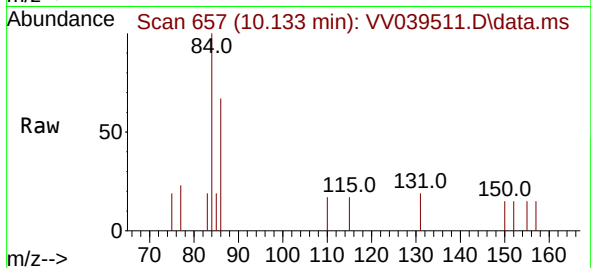
#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.494 ug/L
RT: 10.133 min Scan# 611
Delta R.T. -0.000 min
Lab File: VV039511.D
Acq: 09 Dec 2025 17:48

Instrument :
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ClientSampleId :
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Tgt Ion: 84 Resp: 161
Ion Ratio Lower Upper
84 100
86 62.9 44.4 82.5

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Supervised By :Mahesh Dadoda 12/10/2025



#12
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.197 min Scan# 705
Delta R.T. 0.022 min
Lab File: VV039511.D
Acq: 09 Dec 2025 17:48

Tgt Ion:152 Resp: 3685
Ion Ratio Lower Upper
152 100
115 53.8 0.0 101.6
150 159.5 0.0 396.2

