

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120425\
 Data File : VV039465.D
 Acq On : 04 Dec 2025 13:03
 Operator : SY/MD
 Sample : Q3756-08
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-13B-47.5-120225-SIM

Quant Time: Dec 05 00:09:45 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

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	6414	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	6408	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.197	152	3306	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3995m	0.619	ug/L	0.00
Spiked Amount 0.500	Range 40 - 130		Recovery = 124.000%			
4) 1,2-Dichloroethane-d4	4.993	65	1926	0.451	ug/L	0.02
Spiked Amount 0.500	Range 70 - 130		Recovery = 90.000%			
7) 1,2-Dichloropropane-d6	5.995	67	2269	0.420	ug/L	-0.02
Spiked Amount 0.500	Range 60 - 140		Recovery = 84.000%			
8) Toluene-d8	7.253	98	4165	0.457	ug/L	0.02
Spiked Amount 0.500	Range 70 - 130		Recovery = 92.000%			
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1632	0.536	ug/L	0.00
Spiked Amount 0.500	Range 65 - 120		Recovery = 108.000%			

Target Compounds Qvalue

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

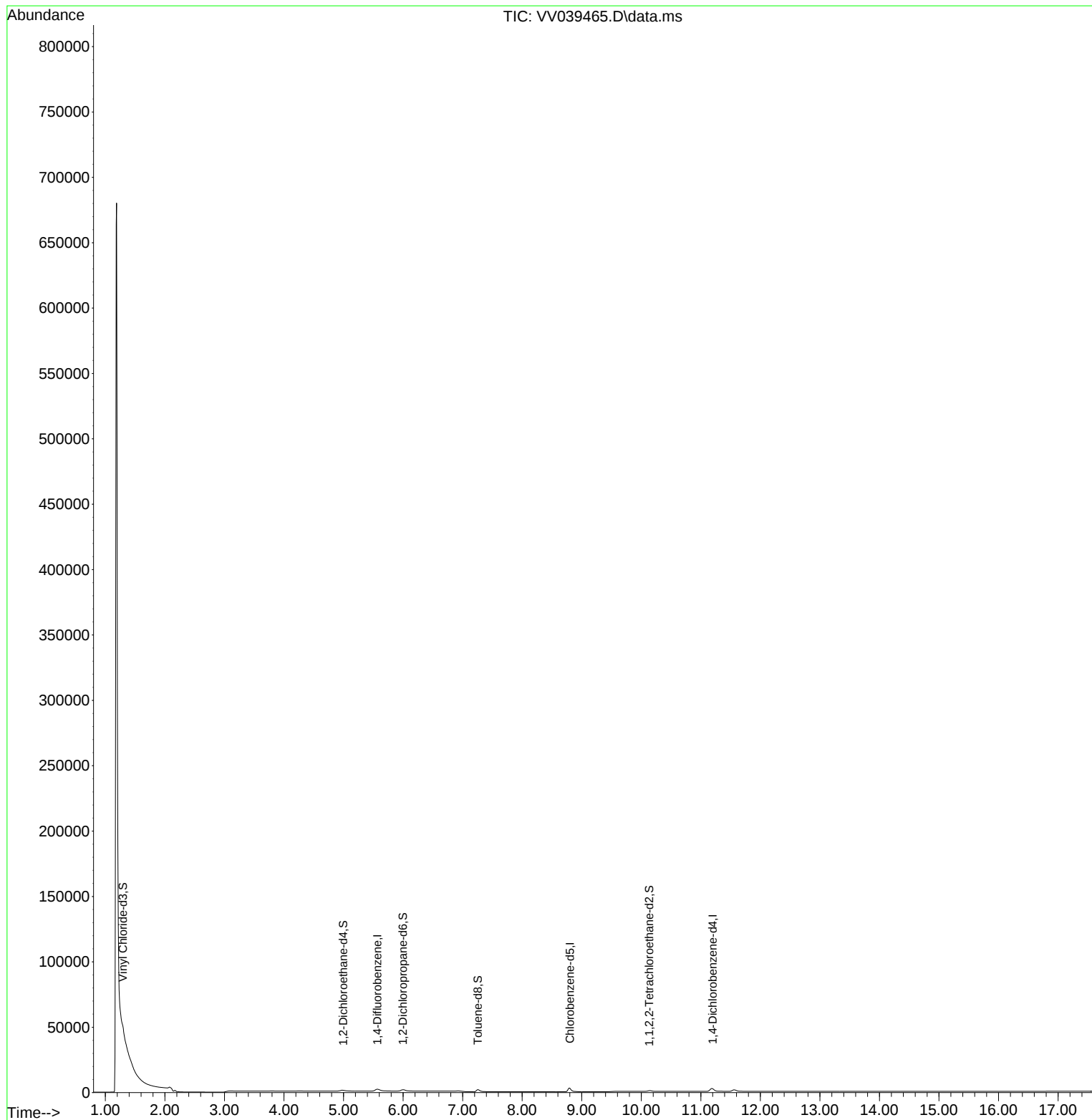
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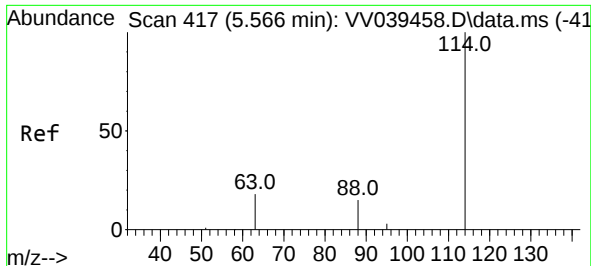
Instrument :
MSVOA_V
ClientSampleId :
MW-13B-47.5-120225-SIM

Quant Time: Dec 05 00:09:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
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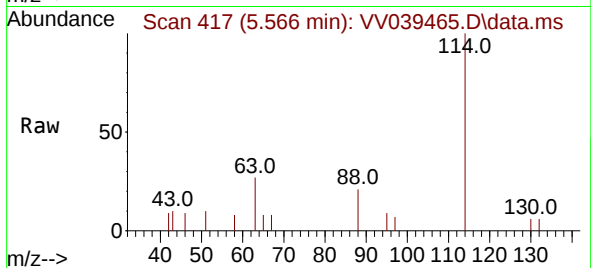
Reviewed By : John Carlone 12/10/2025
Supervised By : Mahesh Dadoda 12/10/2025





#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. -0.000 min
Lab File: VV039465.D
Acq: 04 Dec 2025 13:03

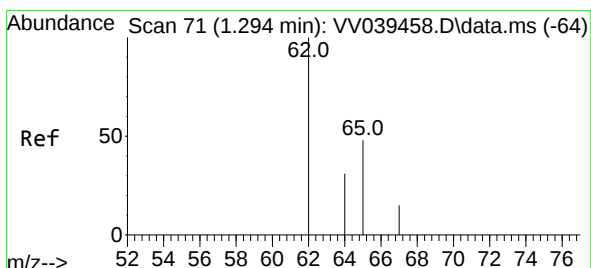
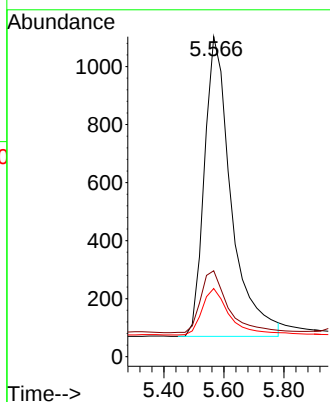
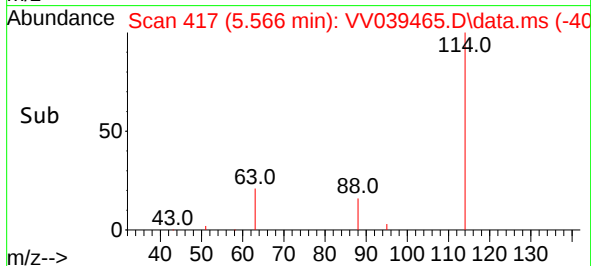
Instrument :
MSVOA_V
ClientSampleId :
MW-13B-47.5-120225-SIM



Tgt Ion:114 Resp: 6414
Ion Ratio Lower Upper
114 100
63 20.8 15.0 22.4
88 15.6 12.0 18.0

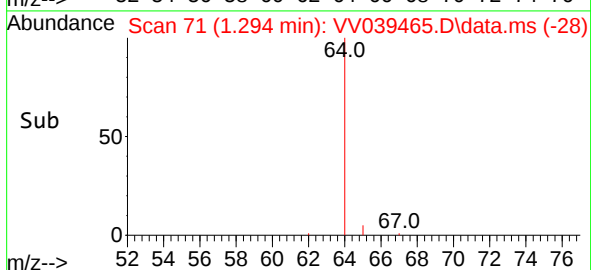
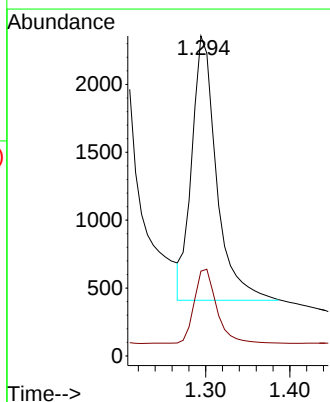
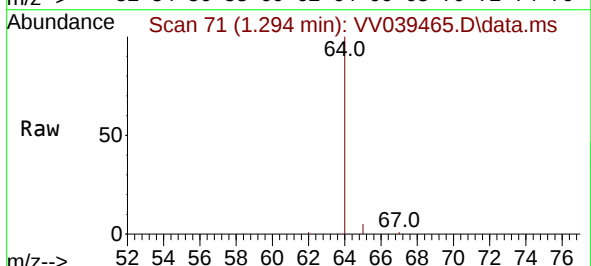
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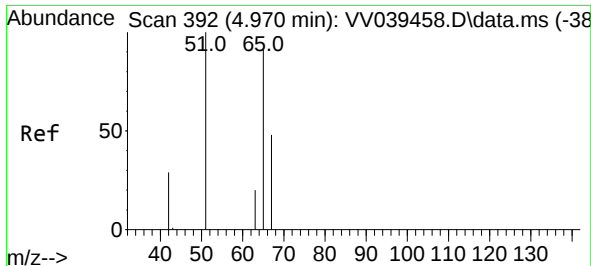
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#2
Vinyl Chloride-d3
Concen: 0.619 ug/L m
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039465.D
Acq: 04 Dec 2025 13:03

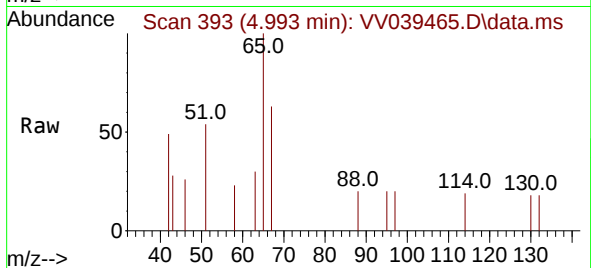
Tgt Ion: 65 Resp: 3995
Ion Ratio Lower Upper
65 100
67 26.4 22.3 41.5





#4
1,2-Dichloroethane-d4
Concen: 0.451 ug/L
RT: 4.993 min Scan# 392
Delta R.T. 0.024 min
Lab File: VV039465.D
Acq: 04 Dec 2025 13:03

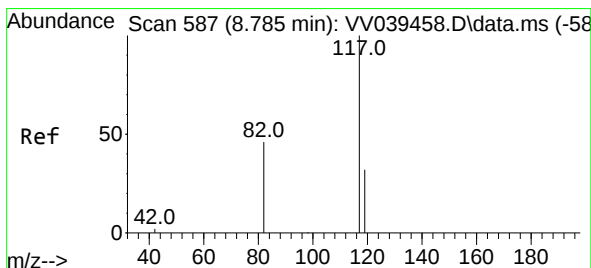
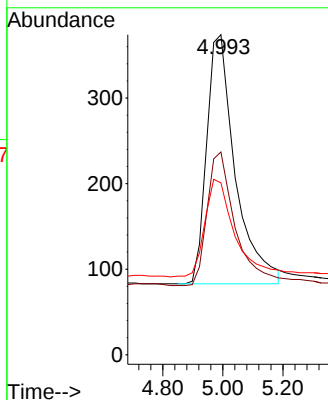
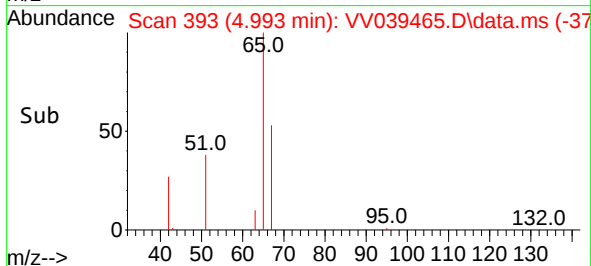
Instrument :
MSVOA_V
ClientSampleId :
MW-13B-47.5-120225-SIM



Tgt Ion: 65 Resp: 1920
Ion Ratio Lower Upper
65 100
67 53.0 32.5 60.3
51 41.0 121.4 225.6

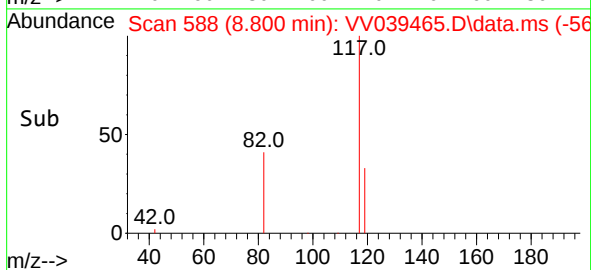
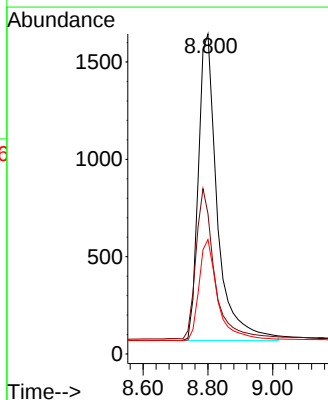
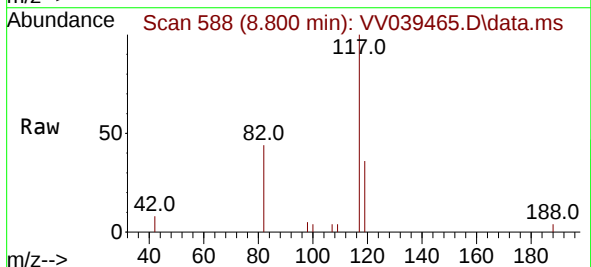
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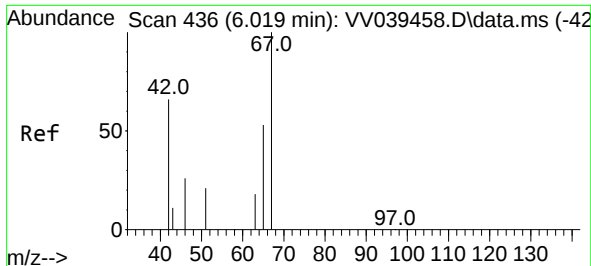
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 588
Delta R.T. 0.015 min
Lab File: VV039465.D
Acq: 04 Dec 2025 13:03

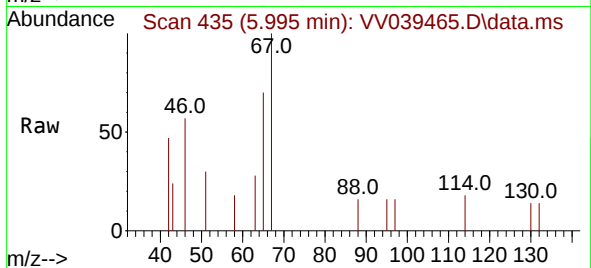
Tgt Ion:117 Resp: 6408
Ion Ratio Lower Upper
117 100
82 47.8 39.4 59.2
119 32.7 26.2 39.2





#7
1,2-Dichloropropane-d6
Concen: 0.420 ug/L
RT: 5.995 min Scan# 436
Delta R.T. -0.024 min
Lab File: VV039465.D
Acq: 04 Dec 2025 13:03

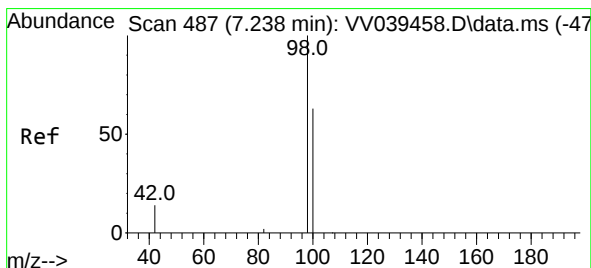
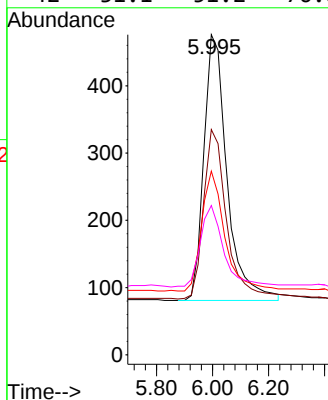
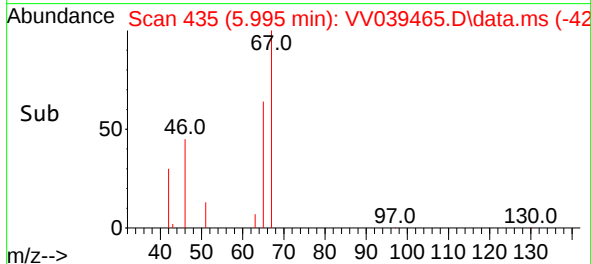
Instrument :
MSVOA_V
ClientSampleId :
MW-13B-47.5-120225-SIM



Tgt Ion:	67	Resp:	226
Ion Ratio	100	Lower	Upper
67	100		
65	63.9	37.9	56.9
46	45.3	27.4	41.0
42	31.1	51.2	76.8

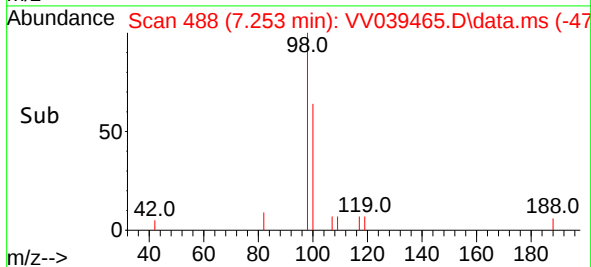
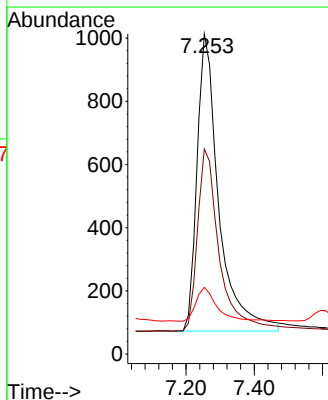
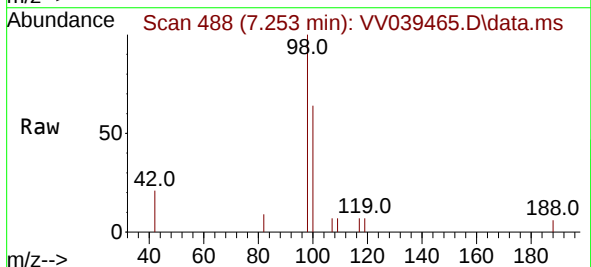
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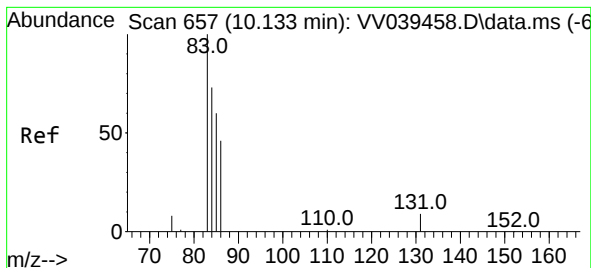
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#8
Toluene-d8
Concen: 0.457 ug/L
RT: 7.253 min Scan# 488
Delta R.T. 0.015 min
Lab File: VV039465.D
Acq: 04 Dec 2025 13:03

Tgt Ion:	98	Resp:	4165
Ion Ratio	100	Lower	Upper
98	100		
100	61.4	44.5	82.7
42	11.0	10.1	18.7





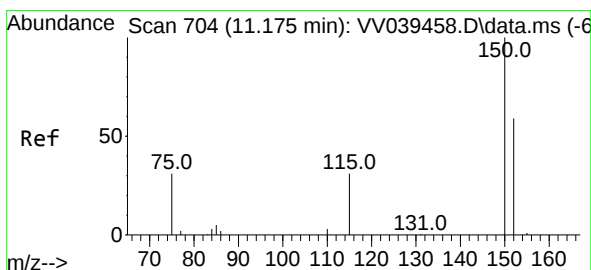
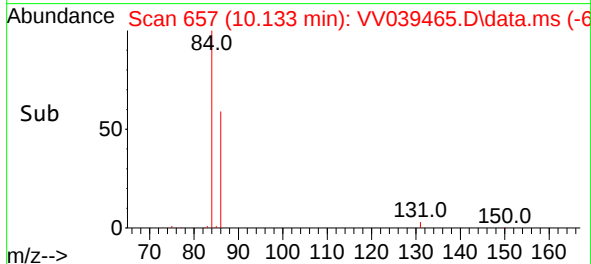
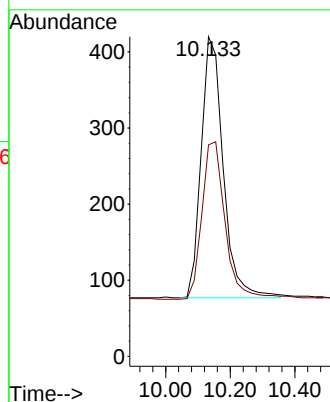
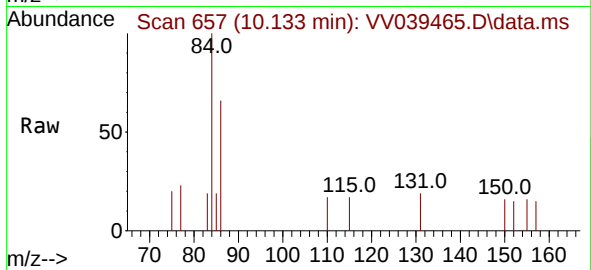
#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.536 ug/L
RT: 10.133 min Scan# 610
Delta R.T. -0.000 min
Lab File: VV039465.D
Acq: 04 Dec 2025 13:03

Instrument : MSVOA_V
ClientSampleId : MW-13B-47.5-120225-SIM

Tgt Ion: 84 Resp: 163
Ion Ratio Lower Upper
84 100
86 63.6 44.4 82.5

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#12
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.197 min Scan# 705
Delta R.T. 0.022 min
Lab File: VV039465.D
Acq: 04 Dec 2025 13:03

Tgt Ion:152 Resp: 3306
Ion Ratio Lower Upper
152 100
115 54.6 0.0 101.6
150 160.6 0.0 396.2

