

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120925\
 Data File : VV039504.D
 Acq On : 09 Dec 2025 15:21
 Operator : SY/MD
 Sample : Q3757-06
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-14B-46-120325-SIM

Quant Time: Dec 10 01:16:51 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	7740	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	7407	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.175	152	3976	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3929m	0.517	ug/L	0.00
Spiked Amount 0.500	Range 40 - 130		Recovery =	104.000%		
4) 1,2-Dichloroethane-d4	4.993	65	2089	0.405	ug/L	0.02
Spiked Amount 0.500	Range 70 - 130		Recovery =	82.000%		
7) 1,2-Dichloropropane-d6	5.995	67	2395	0.383	ug/L	-0.02
Spiked Amount 0.500	Range 60 - 140		Recovery =	76.000%		
8) Toluene-d8	7.253	98	4563	0.433	ug/L	0.02
Spiked Amount 0.500	Range 70 - 130		Recovery =	86.000%		
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1743	0.495	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

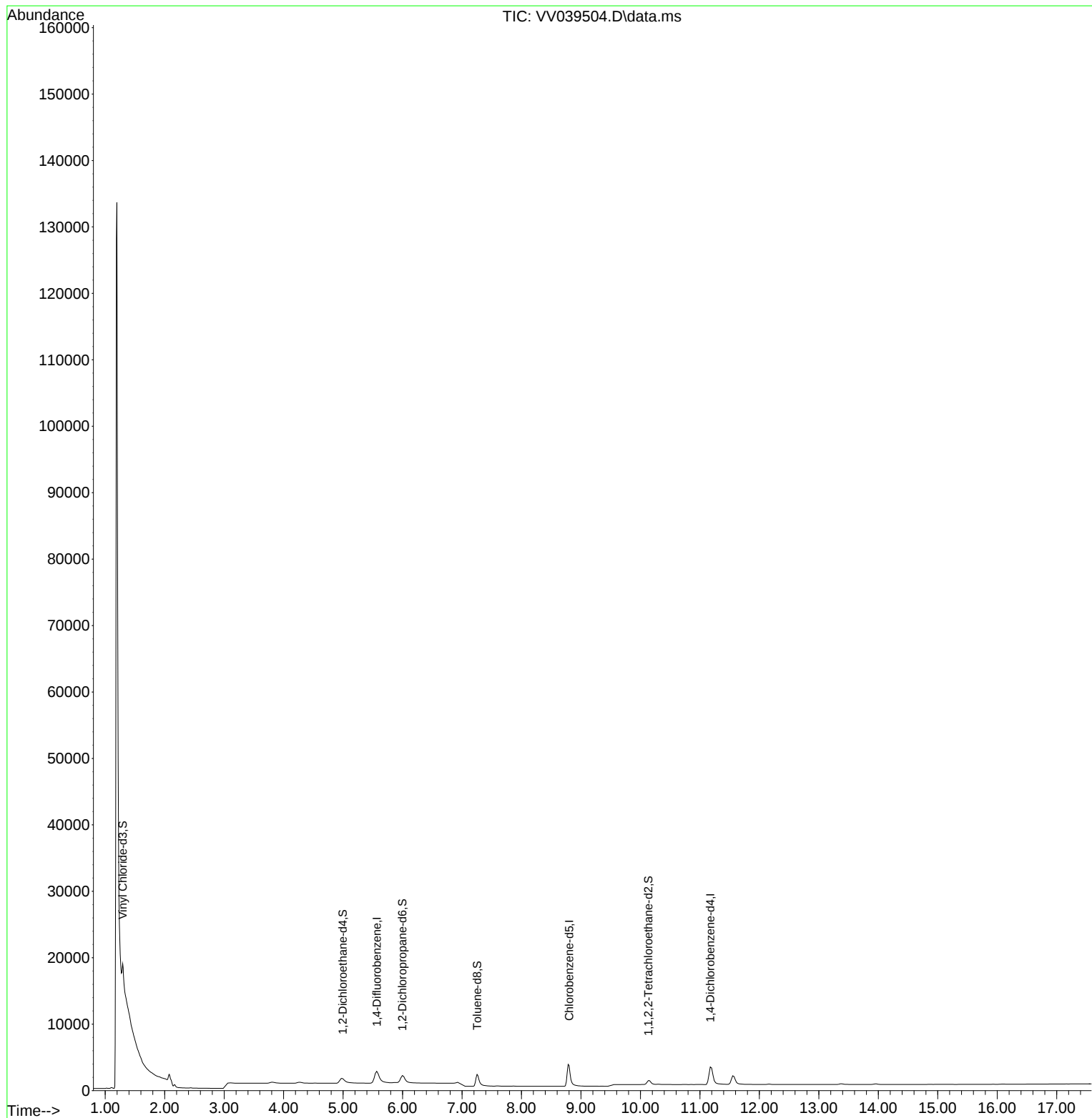
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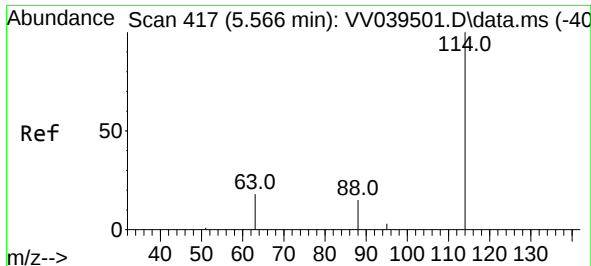
Instrument :
MSVOA_V
ClientSampleId :
MW-14B-46-120325-SIM

Quant Time: Dec 10 01:16:51 2025
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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 09 08:40:48 2025
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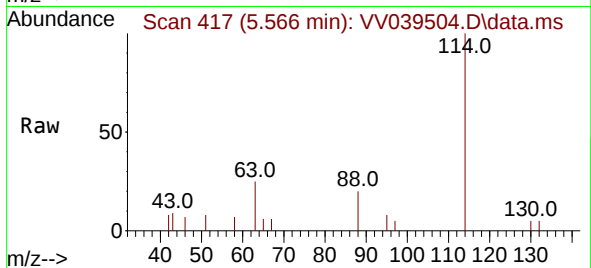
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025





#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. -0.000 min
Lab File: VV039504.D
Acq: 09 Dec 2025 15:21

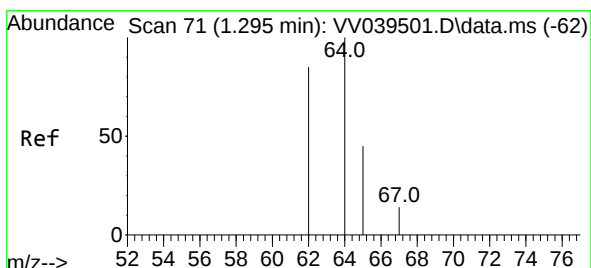
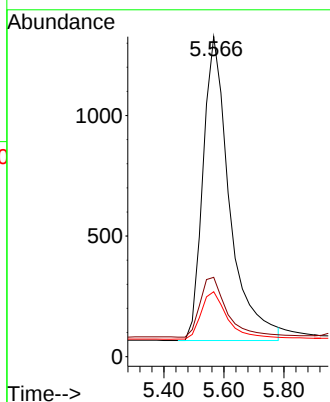
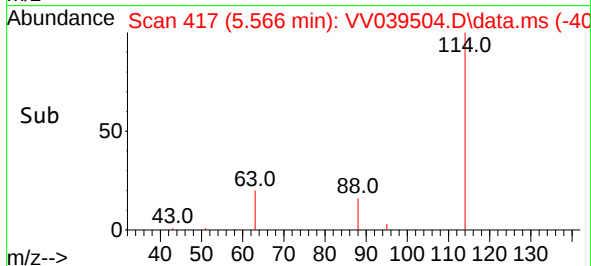
Instrument :
MSVOA_V
ClientSampleId :
MW-14B-46-120325-SIM



Tgt Ion:114 Resp: 7740
Ion Ratio Lower Upper
114 100
63 20.0 15.0 22.4
88 15.8 12.0 18.0

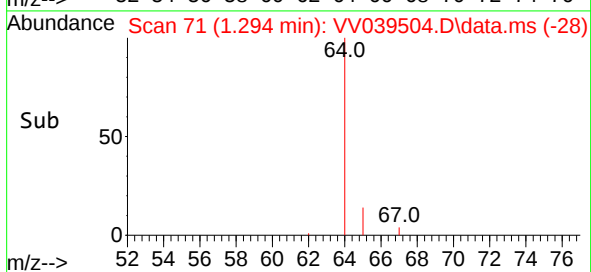
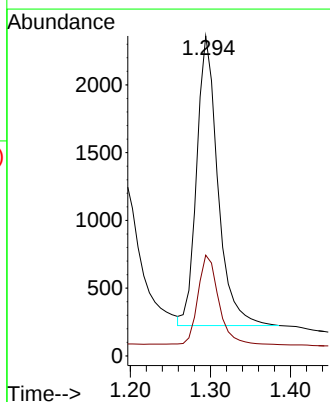
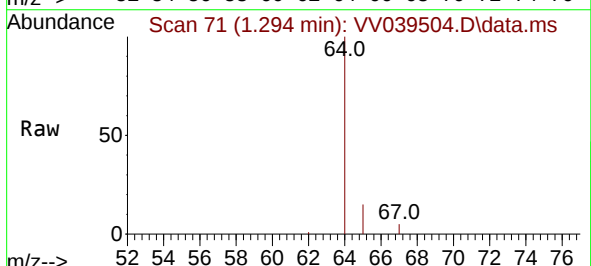
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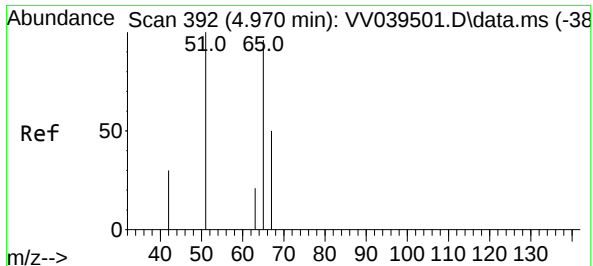
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#2
Vinyl Chloride-d3
Concen: 0.517 ug/L m
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039504.D
Acq: 09 Dec 2025 15:21

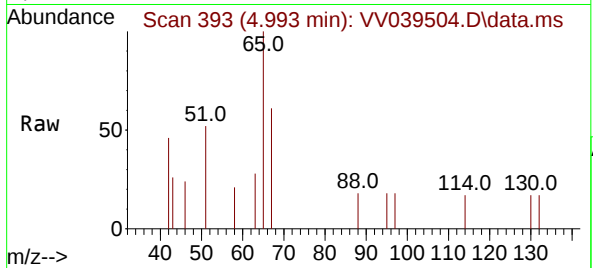
Tgt Ion: 65 Resp: 3929
Ion Ratio Lower Upper
65 100
67 32.7 22.3 41.5





#4
1,2-Dichloroethane-d4
Concen: 0.405 ug/L
RT: 4.993 min Scan# 392
Delta R.T. 0.024 min
Lab File: VV039504.D
Acq: 09 Dec 2025 15:21

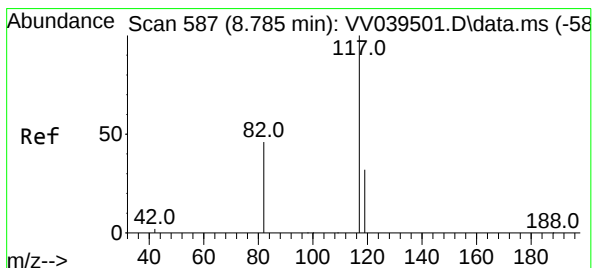
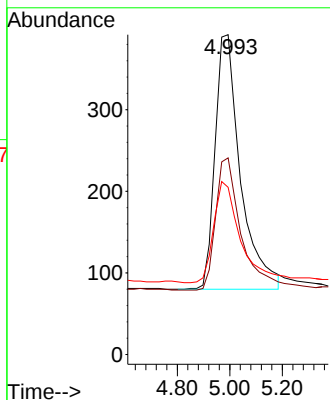
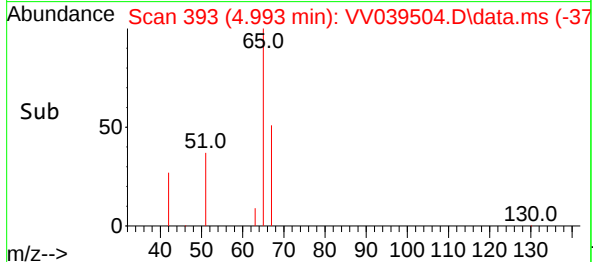
Instrument :
MSVOA_V
ClientSampleId :
MW-14B-46-120325-SIM



Tgt Ion: 65 Resp: 2089
Ion Ratio Lower Upper
65 100
67 51.8 32.5 60.3
51 41.5 121.4 225.6

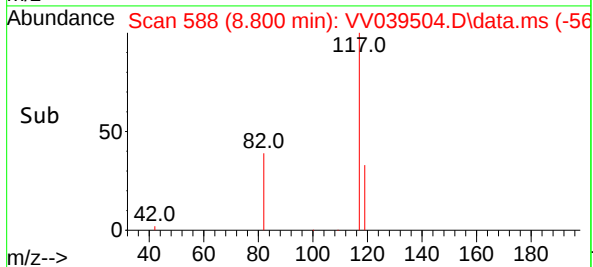
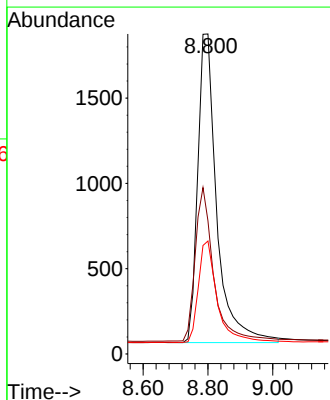
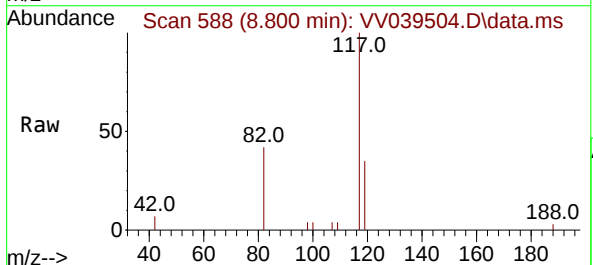
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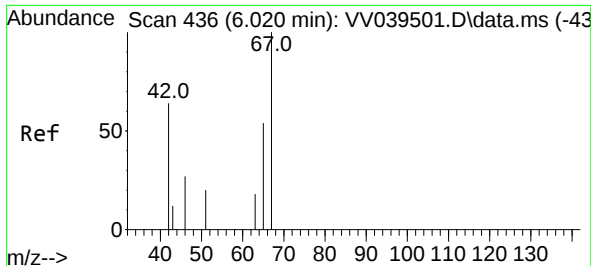
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 588
Delta R.T. 0.015 min
Lab File: VV039504.D
Acq: 09 Dec 2025 15:21

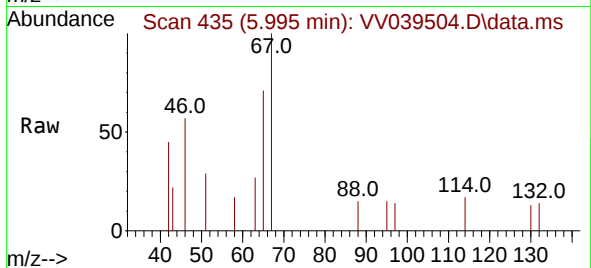
Tgt Ion:117 Resp: 7407
Ion Ratio Lower Upper
117 100
82 48.5 39.4 59.2
119 32.3 26.2 39.2





#7
1,2-Dichloropropane-d6
Concen: 0.383 ug/L
RT: 5.995 min Scan# 436
Delta R.T. -0.024 min
Lab File: VV039504.D
Acq: 09 Dec 2025 15:21

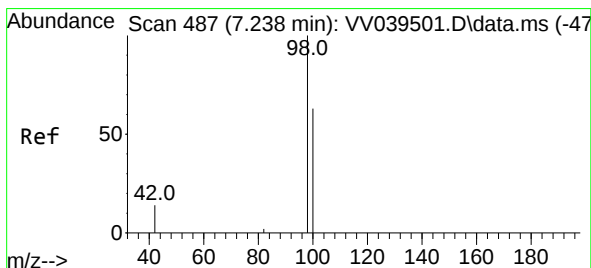
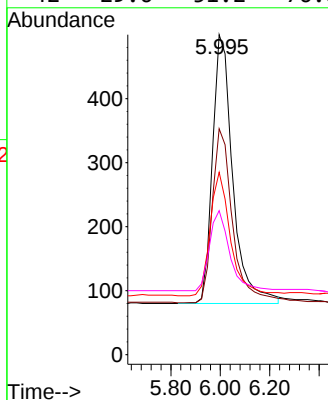
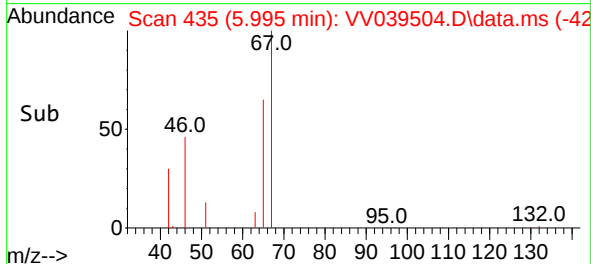
Instrument :
MSVOA_V
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MW-14B-46-120325-SIM



Tgt Ion:	67	Resp:	239
Ion	Ratio	Lower	Upper
67	100		
65	65.0	37.9	56.9
46	46.3	27.4	41.0
42	29.6	51.2	76.8

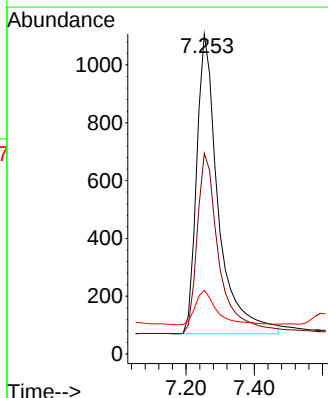
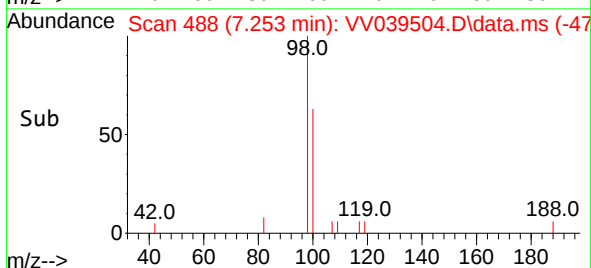
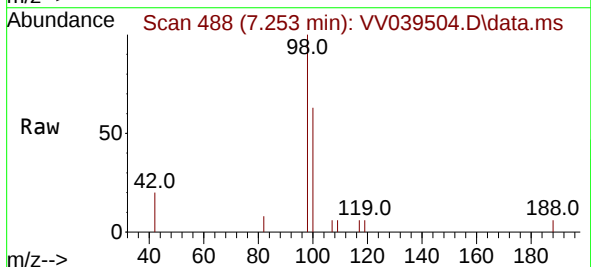
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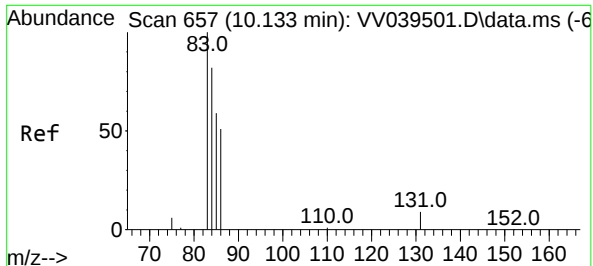
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#8
Toluene-d8
Concen: 0.433 ug/L
RT: 7.253 min Scan# 488
Delta R.T. 0.015 min
Lab File: VV039504.D
Acq: 09 Dec 2025 15:21

Tgt Ion:	98	Resp:	4563
Ion	Ratio	Lower	Upper
98	100		
100	60.5	44.5	82.7
42	11.4	10.1	18.7





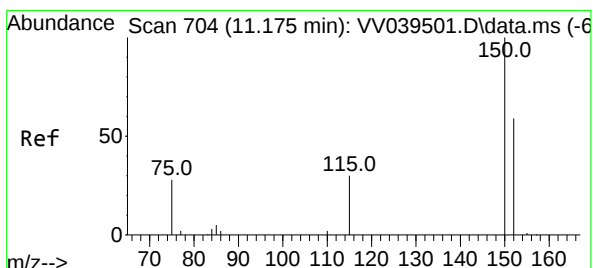
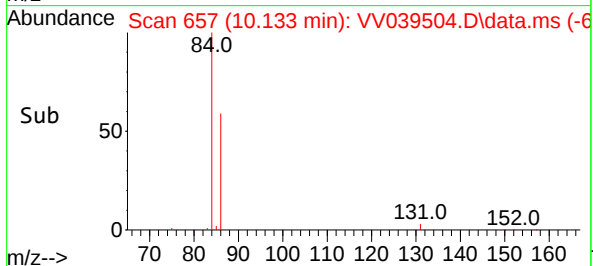
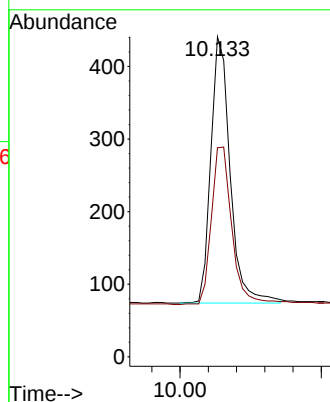
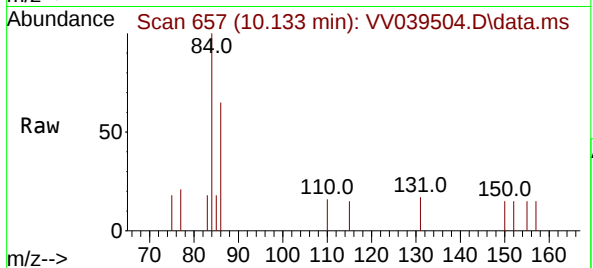
#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.495 ug/L
RT: 10.133 min Scan# 657
Delta R.T. -0.000 min
Lab File: VV039504.D
Acq: 09 Dec 2025 15:21

Instrument : MSVOA_V
ClientSampleId : MW-14B-46-120325-SIM

Tgt Ion: 84 Resp: 174
Ion Ratio Lower Upper
84 100
86 62.8 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: 11.175 min Scan# 704
Delta R.T. -0.000 min
Lab File: VV039504.D
Acq: 09 Dec 2025 15:21

Tgt Ion:152 Resp: 3976
Ion Ratio Lower Upper
152 100
115 53.3 0.0 101.6
150 157.3 0.0 396.2

