

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV121025\
 Data File : VV039522.D
 Acq On : 10 Dec 2025 11:23
 Operator : SY/MD
 Sample : Q3788-12
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-16B-87.5-120525-SIM

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/11/2025
 Supervised By :Semsettin Yesilyurt 12/12/2025

Quant Time: Dec 11 00:05:59 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	7573	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	6749	0.500	ug/L	0.00
12) 1,4-Dichlorobenzene-d4	11.175	152	7636	0.500	ug/L	# 0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.287	65	4136	0.556	ug/L	0.00
Spiked Amount 0.500	Range 40 - 130		Recovery = 112.000%			
4) 1,2-Dichloroethane-d4	4.969	65	2145	0.425	ug/L	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery = 86.000%			
7) 1,2-Dichloropropane-d6	5.995	67	2430	0.427	ug/L	-0.02
Spiked Amount 0.500	Range 60 - 140		Recovery = 86.000%			
8) Toluene-d8	7.253	98	4504	0.469	ug/L	0.02
Spiked Amount 0.500	Range 70 - 130		Recovery = 94.000%			
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1666	0.519	ug/L	0.00
Spiked Amount 0.500	Range 65 - 120		Recovery = 104.000%			
Target Compounds						Qvalue
3) Vinyl chloride	1.294	62	746m	0.046	ug/L	

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

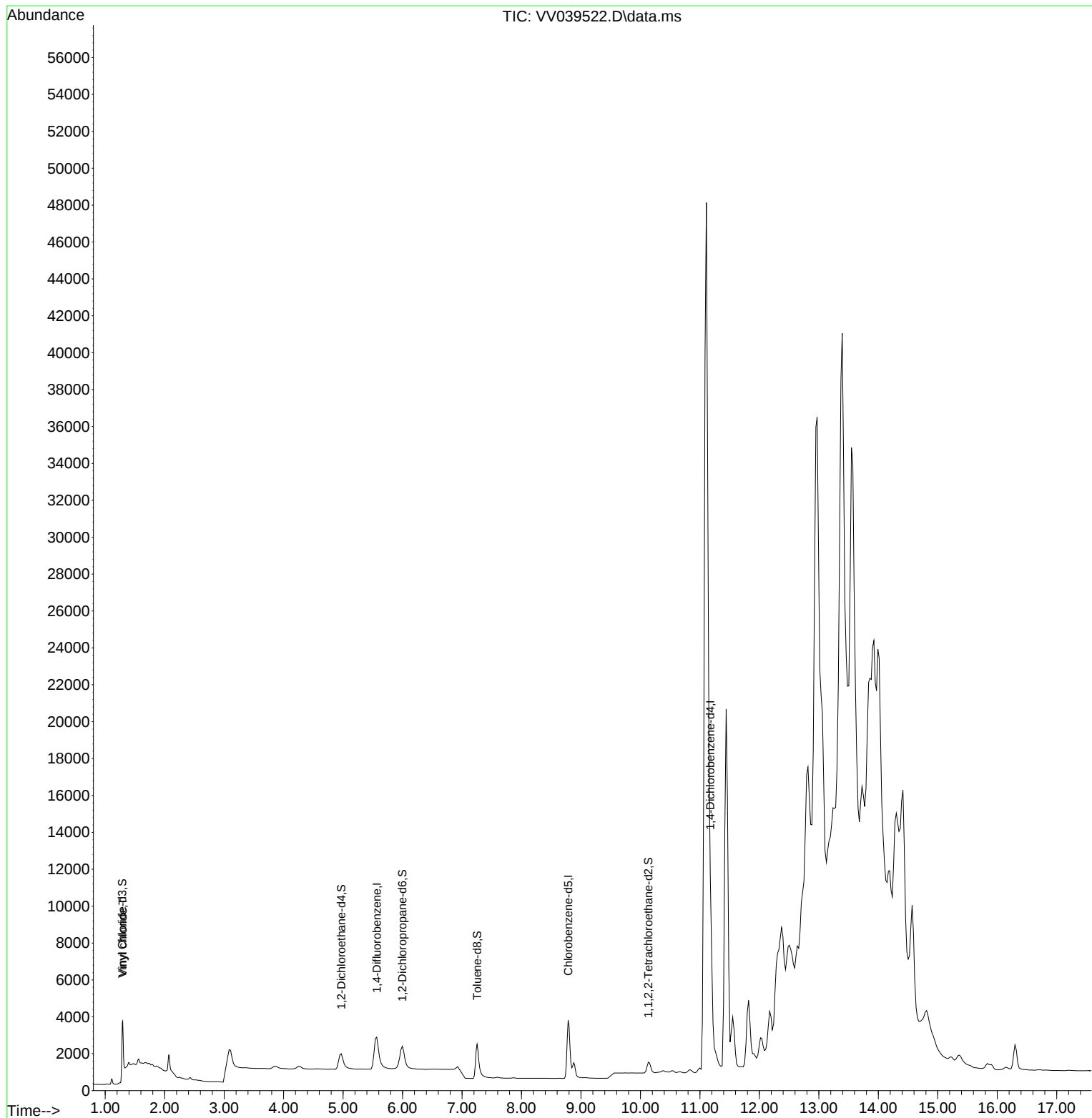
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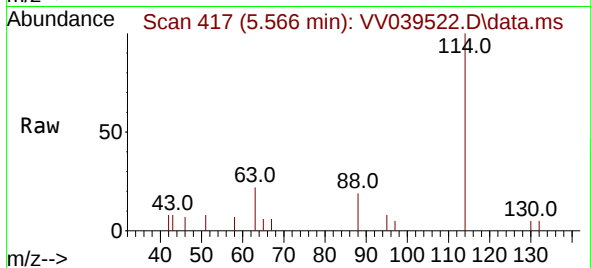
Reviewed By :Mahesh Dadoda 12/11/2025
Supervised By :Semsettin Yesilyurt 12/12/2025





#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. -0.000 min
Lab File: VV039522.D
Acq: 10 Dec 2025 11:23

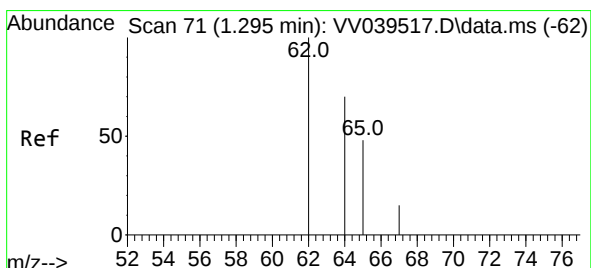
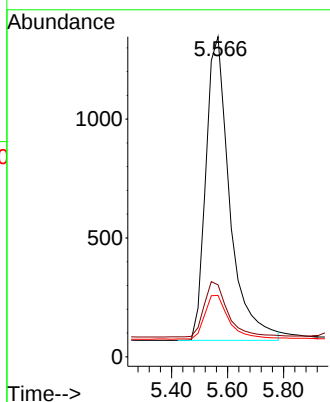
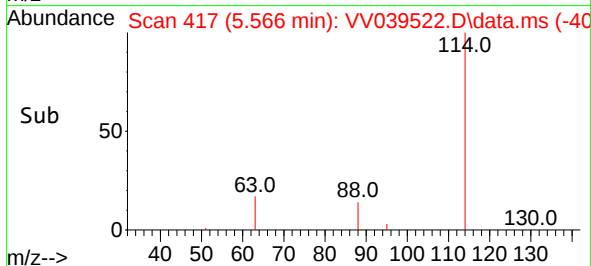
Instrument :
MSVOA_V
ClientSampleId :
MW-16B-87.5-120525-SIM



Tgt Ion:114 Resp: 757
Ion Ratio Lower Upper
114 100
63 18.2 15.0 22.4
88 14.7 12.0 18.0

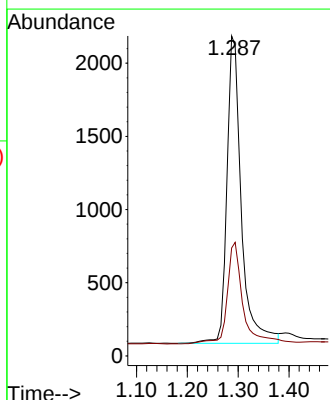
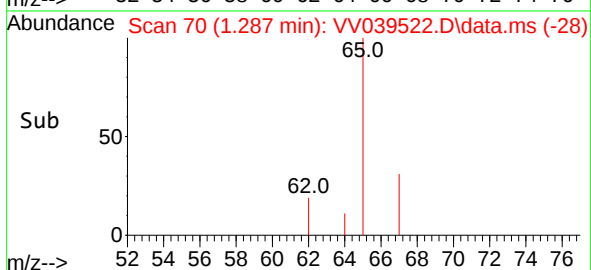
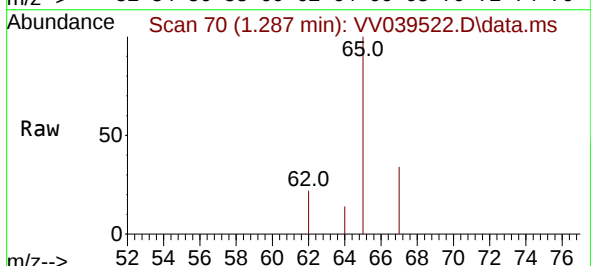
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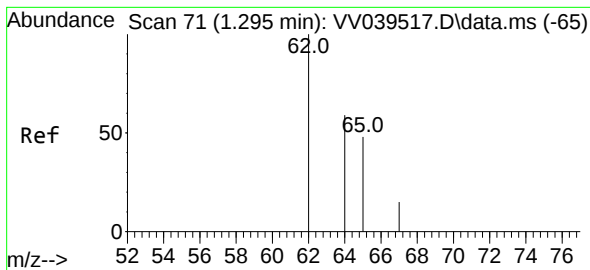
Reviewed By :Mahesh Dadoda 12/11/2025
Supervised By :Semsettin Yesilyurt 12/12/2025



#2
Vinyl Chloride-d3
Concen: 0.556 ug/L
RT: 1.287 min Scan# 70
Delta R.T. -0.007 min
Lab File: VV039522.D
Acq: 10 Dec 2025 11:23

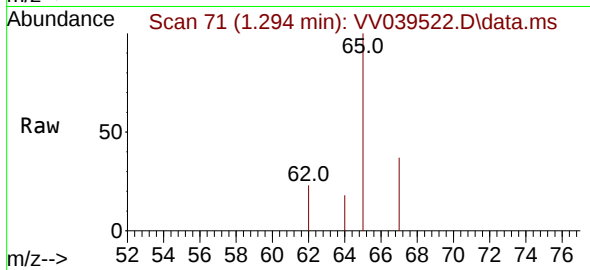
Tgt Ion: 65 Resp: 4136
Ion Ratio Lower Upper
65 100
67 36.6 22.3 41.5





#3
 Vinyl chloride
 Concen: 0.046 ug/L m
 RT: 1.294 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV039522.D
 Acq: 10 Dec 2025 11:23

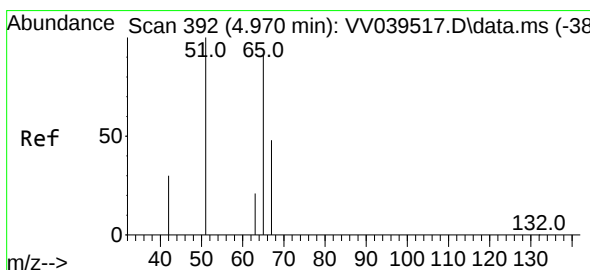
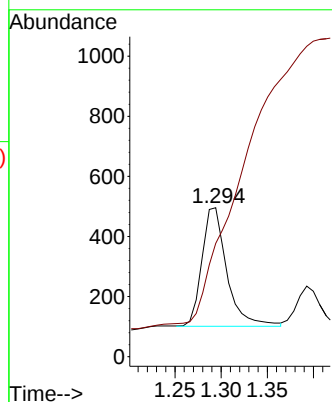
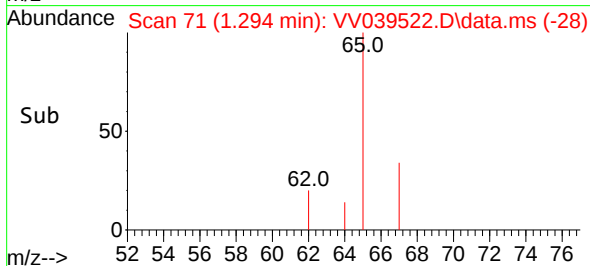
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 ClientSampleId :
 MW-16B-87.5-120525-SIM



Tgt Ion: 62 Resp: 740
 Ion Ratio Lower Upper
 62 100
 64 76.0 24.8 46.0

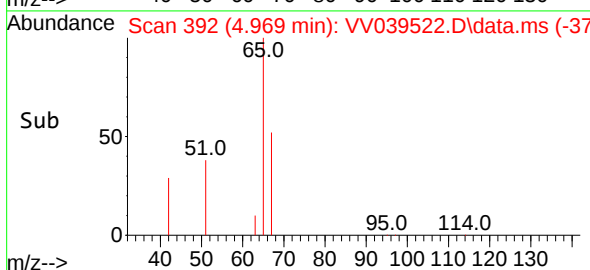
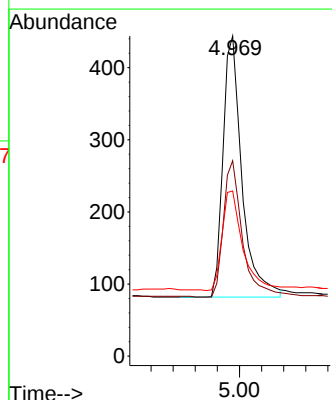
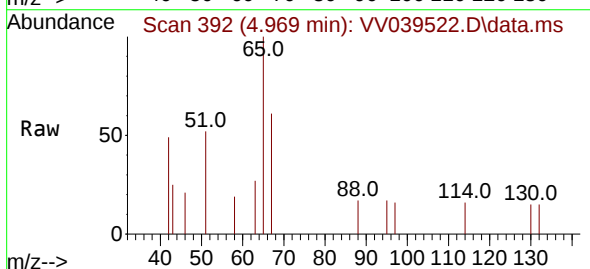
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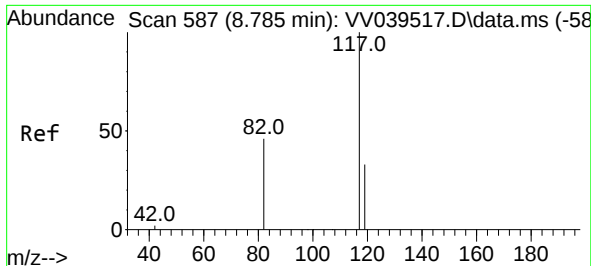
Reviewed By :Mahesh Dadoda 12/11/2025
 Supervised By :Semsettin Yesilyurt 12/12/2025



#4
 1,2-Dichloroethane-d4
 Concen: 0.425 ug/L
 RT: 4.969 min Scan# 392
 Delta R.T. 0.000 min
 Lab File: VV039522.D
 Acq: 10 Dec 2025 11:23

Tgt Ion: 65 Resp: 2145
 Ion Ratio Lower Upper
 65 100
 67 52.0 32.5 60.3
 51 41.6 121.4 225.6





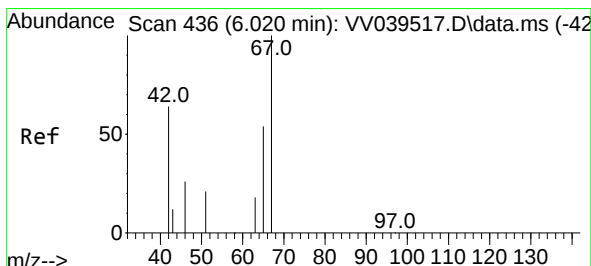
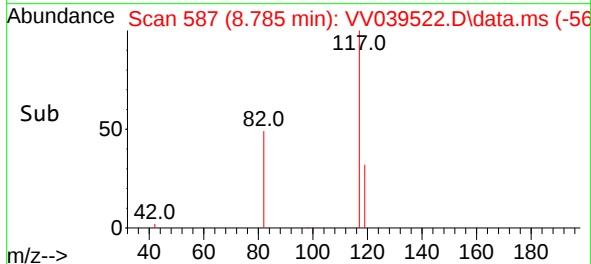
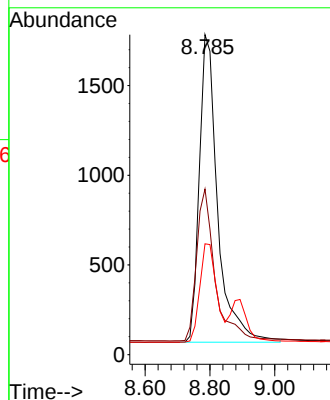
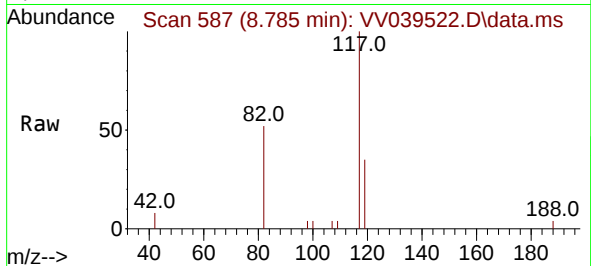
#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 587
Delta R.T. -0.000 min
Lab File: VV039522.D
Acq: 10 Dec 2025 11:23

Instrument :
MSVOA_V
ClientSampleId :
MW-16B-87.5-120525-SIM

Tgt Ion:	117	Resp:	6749
Ion	Ratio	Lower	Upper
117	100		
82	50.1	39.4	59.2
119	29.4	26.2	39.2

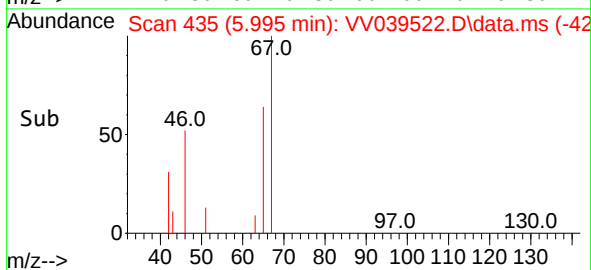
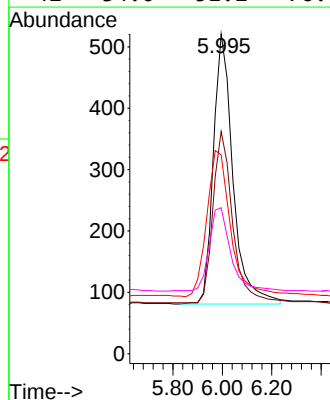
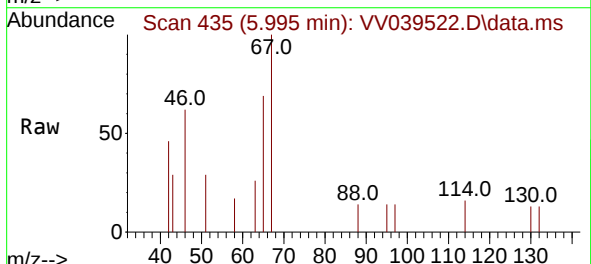
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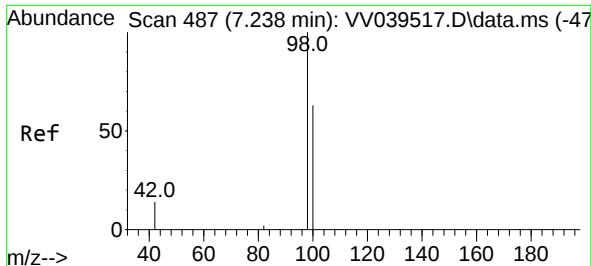
Reviewed By :Mahesh Dadoda 12/11/2025
Supervised By :Semsettin Yesilyurt 12/12/2025



#7
1,2-Dichloropropane-d6
Concen: 0.427 ug/L
RT: 5.995 min Scan# 435
Delta R.T. -0.024 min
Lab File: VV039522.D
Acq: 10 Dec 2025 11:23

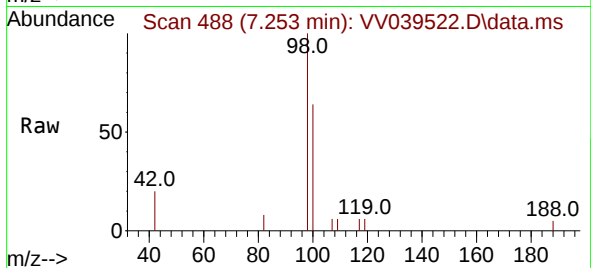
Tgt Ion:	67	Resp:	2430
Ion	Ratio	Lower	Upper
67	100		
65	63.1	37.9	56.9#
46	65.2	27.4	41.0#
42	34.0	51.2	76.8#





#8
Toluene-d8
Concen: 0.469 ug/L
RT: 7.253 min Scan# 488
Delta R.T. 0.015 min
Lab File: VV039522.D
Acq: 10 Dec 2025 11:23

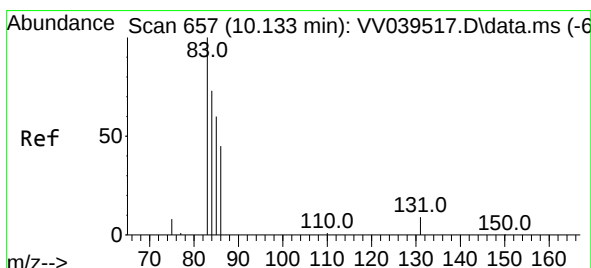
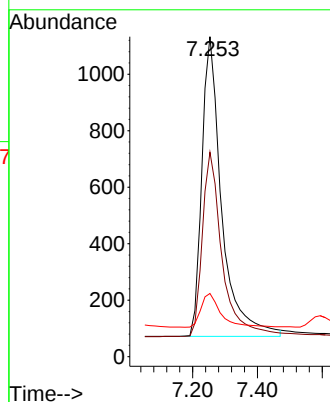
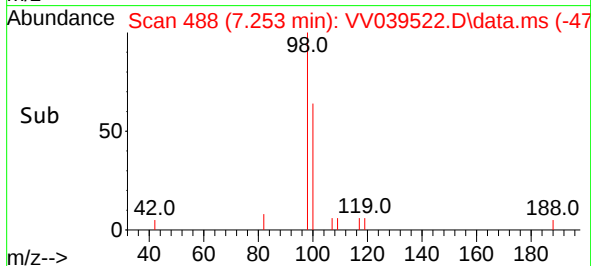
Instrument :
MSVOA_V
ClientSampleId :
MW-16B-87.5-120525-SIM



Tgt Ion: 98 Resp: 4504
Ion Ratio Lower Upper
98 100
100 61.2 44.5 82.7
42 11.4 10.1 18.7

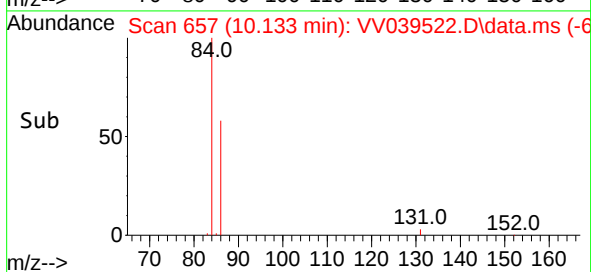
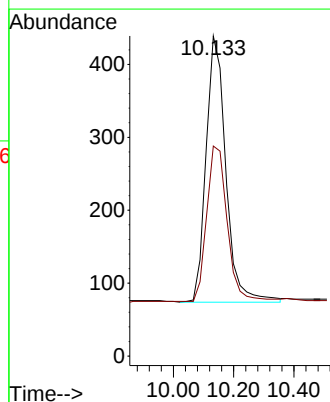
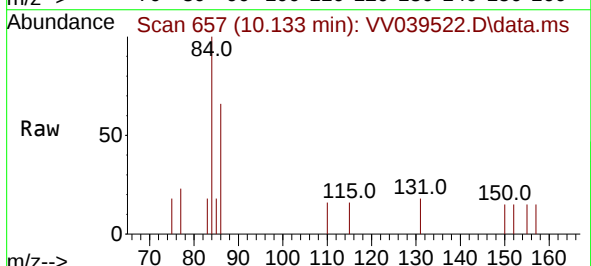
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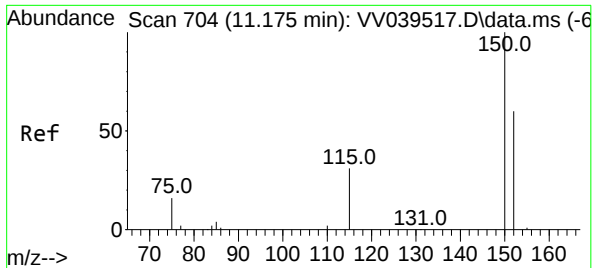
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Supervised By :Semsettin Yesilyurt 12/12/2025



#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.519 ug/L
RT: 10.133 min Scan# 657
Delta R.T. -0.000 min
Lab File: VV039522.D
Acq: 10 Dec 2025 11:23

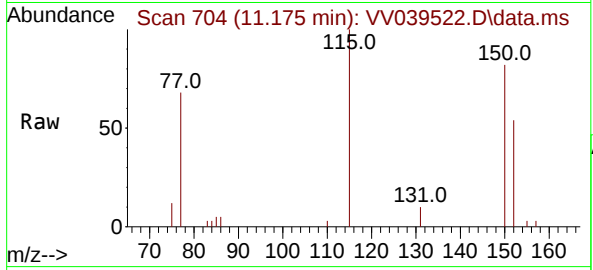
Tgt Ion: 84 Resp: 1666
Ion Ratio Lower Upper
84 100
86 60.2 44.4 82.5





#12
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.175 min Scan# 704
Delta R.T. -0.000 min
Lab File: VV039522.D
Acq: 10 Dec 2025 11:23

Instrument : MSVOA_V
ClientSampleId : MW-16B-87.5-120525-SIM



Tgt Ion:152 Resp: 7630

Ion	Ratio	Lower	Upper
152	100		
115	507.4	0.0	101.6
150	149.4	0.0	396.2

Manual Integrations
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