

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV121025\
 Data File : VV039529.D
 Acq On : 10 Dec 2025 14:33
 Operator : SY/MD
 Sample : VIBLK236
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK236

Manual Integrations
 APPROVED

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

Quant Time: Dec 11 00:07:15 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	6720	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	6707	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.197	152	3493	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3858m	0.585	ug/L	0.00
Spiked Amount 0.500	Range 40 - 130		Recovery = 116.000%			
4) 1,2-Dichloroethane-d4	4.970	65	2236	0.500	ug/L	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery = 100.000%			
7) 1,2-Dichloropropane-d6	5.996	67	2630	0.465	ug/L	-0.02
Spiked Amount 0.500	Range 60 - 140		Recovery = 92.000%			
8) Toluene-d8	7.254	98	4879	0.511	ug/L	0.02
Spiked Amount 0.500	Range 70 - 130		Recovery = 102.000%			
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1965	0.616	ug/L	0.00
Spiked Amount 0.500	Range 65 - 120		Recovery = 124.000%#			

Target Compounds Qvalue

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

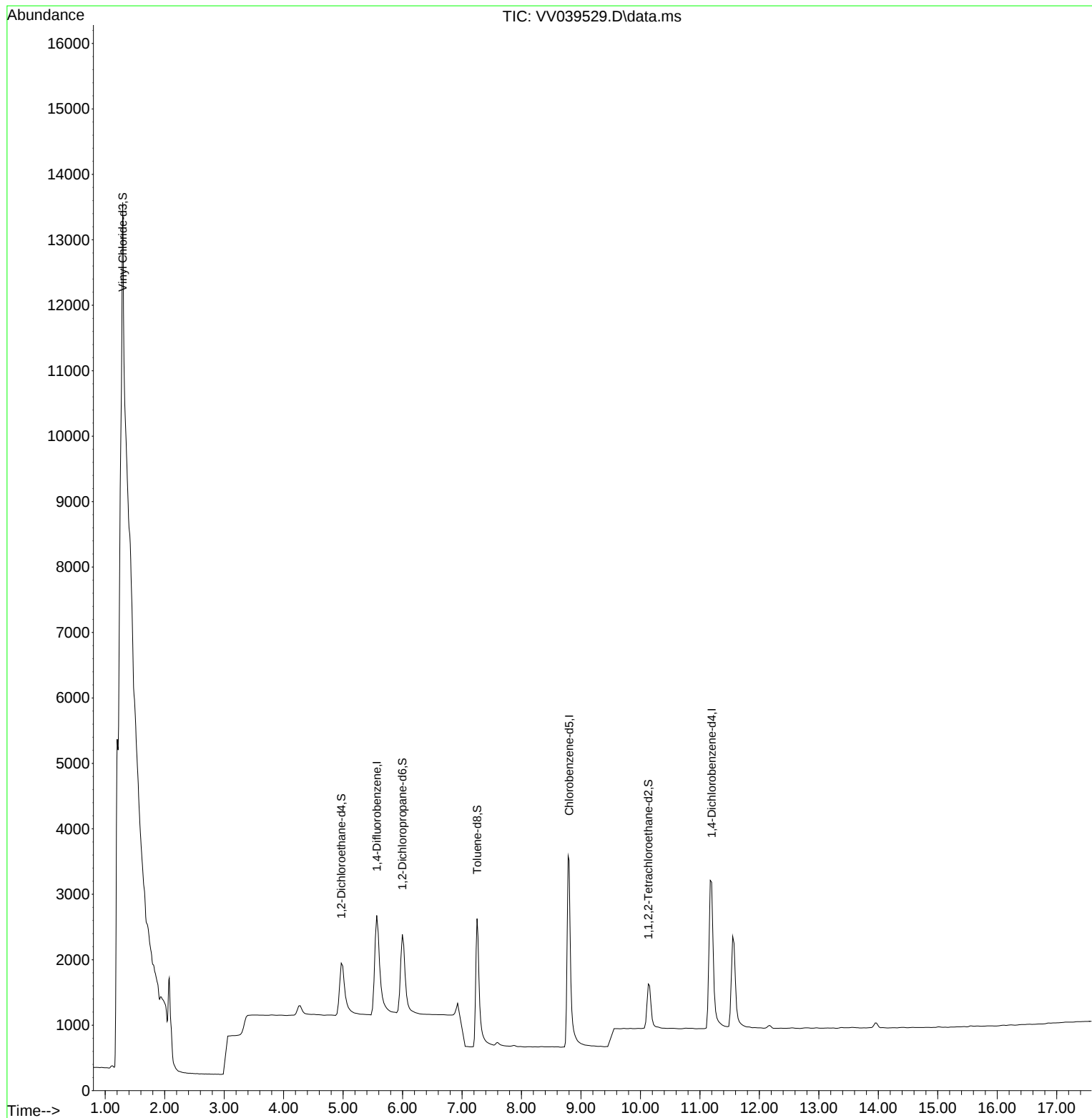
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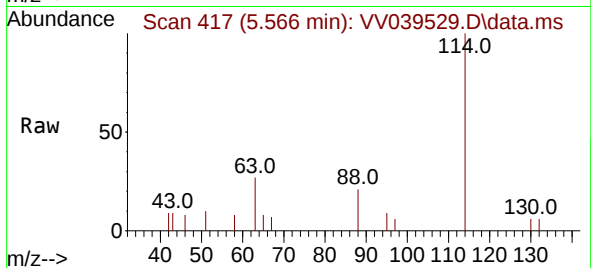
Reviewed By :Mahesh Dadoda 12/11/2025
Supervised By :Semsettin Yesilyurt 12/12/2025





#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. 0.000 min
Lab File: VV039529.D
Acq: 10 Dec 2025 14:33

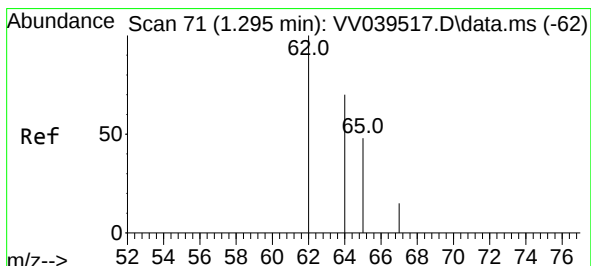
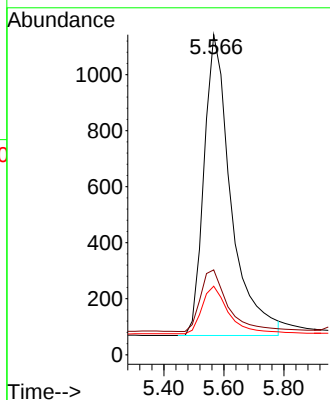
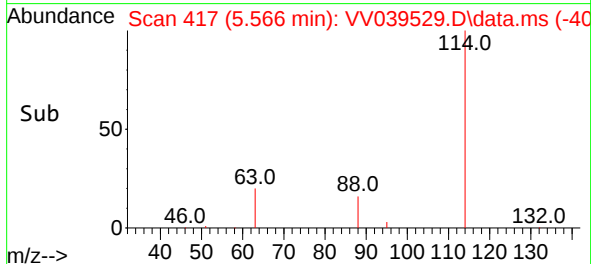
Instrument :
MSVOA_V
ClientSampleId :
VIBLK236



Tgt Ion:114 Resp: 6720
Ion Ratio Lower Upper
114 100
63 20.7 15.0 22.4
88 15.5 12.0 18.0

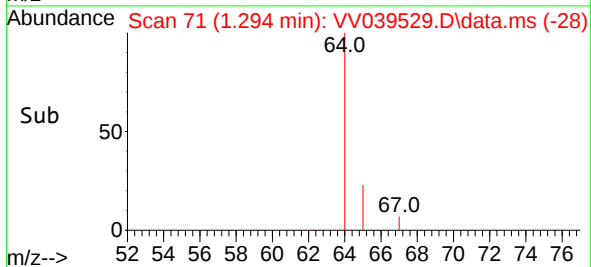
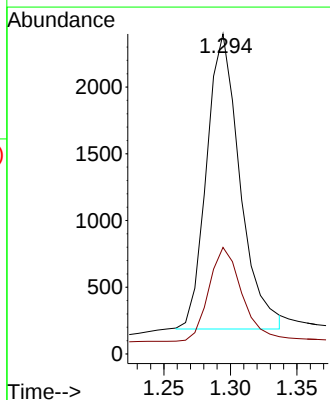
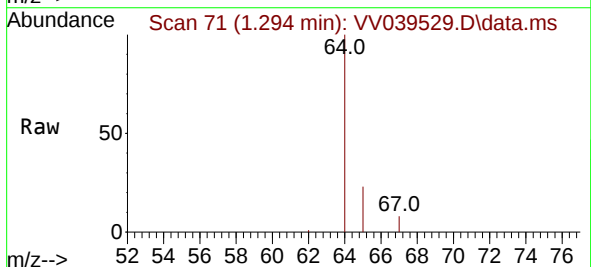
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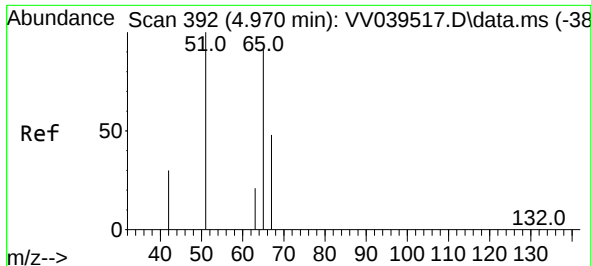
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#2
Vinyl Chloride-d3
Concen: 0.585 ug/L m
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039529.D
Acq: 10 Dec 2025 14:33

Tgt Ion: 65 Resp: 3858
Ion Ratio Lower Upper
65 100
67 35.6 22.3 41.5





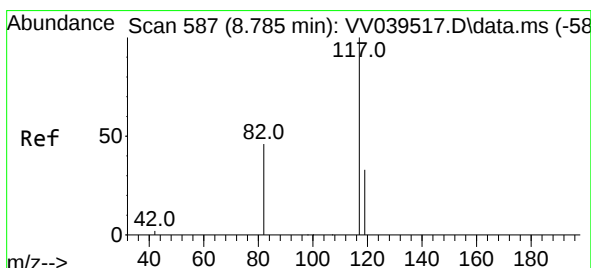
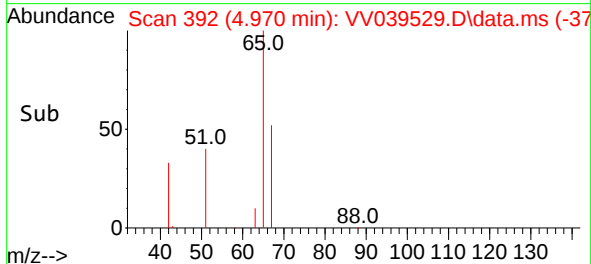
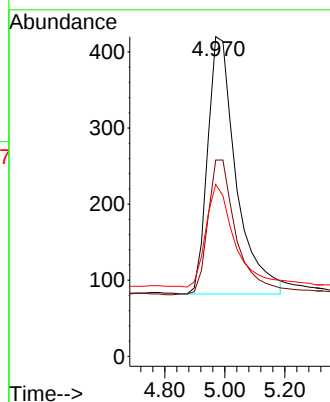
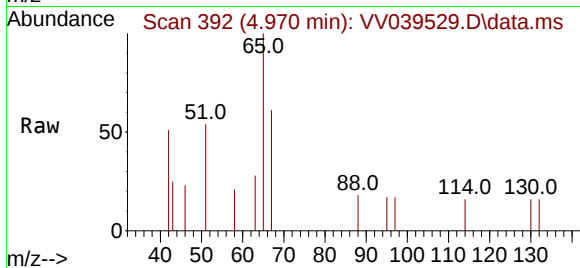
#4
1,2-Dichloroethane-d4
Concen: 0.500 ug/L
RT: 4.970 min Scan# 392
Delta R.T. 0.001 min
Lab File: VV039529.D
Acq: 10 Dec 2025 14:33

Instrument :
MSVOA_V
ClientSampleId :
VIBLK236

Tgt Ion: 65 Resp: 2230
Ion Ratio Lower Upper
65 100
67 52.3 32.5 60.3
51 39.4 121.4 225.6

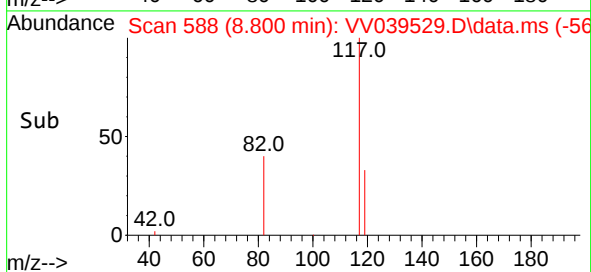
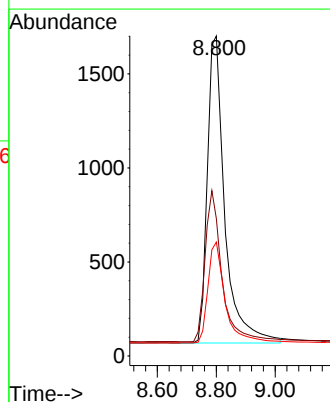
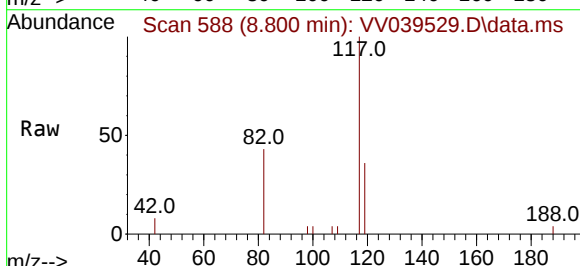
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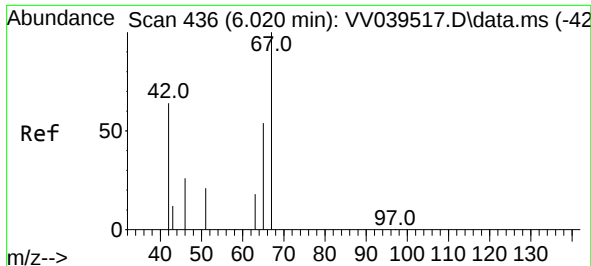
Reviewed By :Mahesh Dadoda 12/11/2025
Supervised By :Semsettin Yesilyurt 12/12/2025



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 588
Delta R.T. 0.015 min
Lab File: VV039529.D
Acq: 10 Dec 2025 14:33

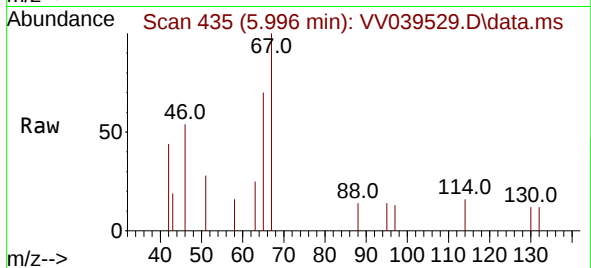
Tgt Ion:117 Resp: 6707
Ion Ratio Lower Upper
117 100
82 47.9 39.4 59.2
119 32.7 26.2 39.2





#7
1,2-Dichloropropane-d6
Concen: 0.465 ug/L
RT: 5.996 min Scan# 436
Delta R.T. -0.023 min
Lab File: VV039529.D
Acq: 10 Dec 2025 14:33

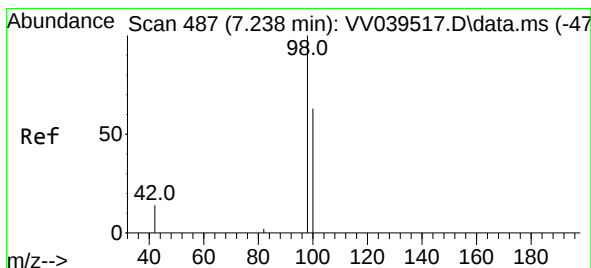
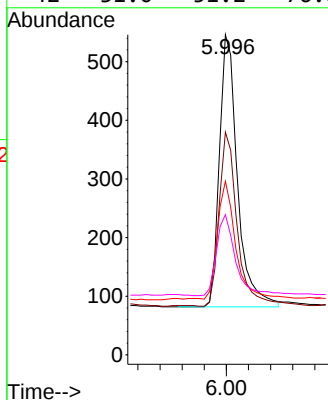
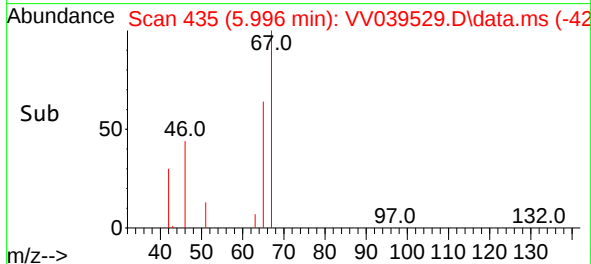
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Tgt Ion:	67	Resp:	2630
Ion	Ratio	Lower	Upper
67	100		
65	63.8	37.9	56.9
46	43.5	27.4	41.0
42	31.0	51.2	76.8

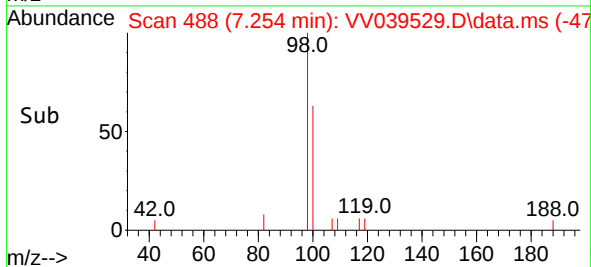
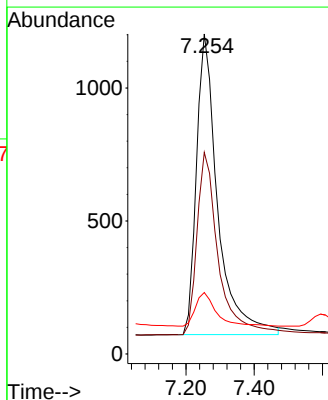
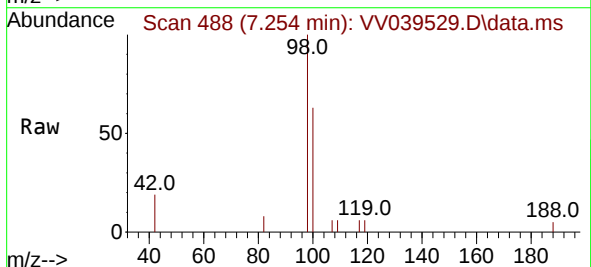
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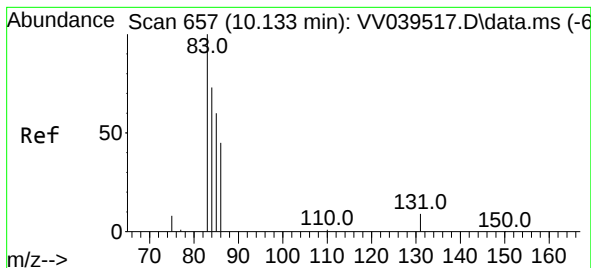
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#8
Toluene-d8
Concen: 0.511 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039529.D
Acq: 10 Dec 2025 14:33

Tgt Ion:	98	Resp:	4879
Ion	Ratio	Lower	Upper
98	100		
100	60.9	44.5	82.7
42	10.8	10.1	18.7





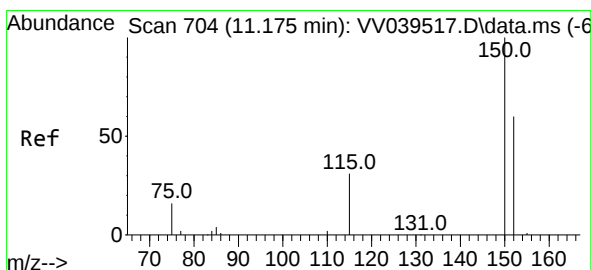
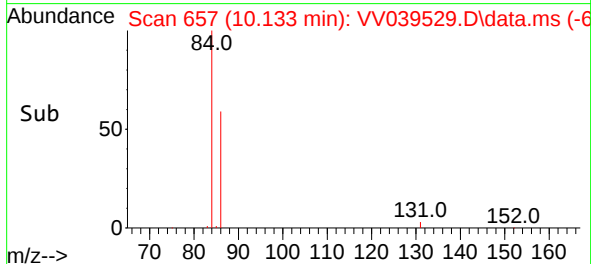
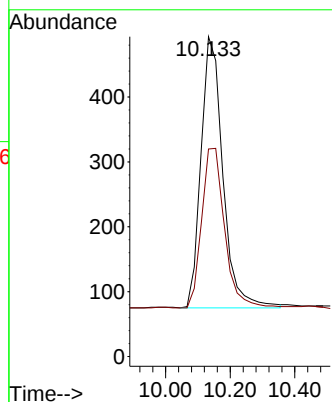
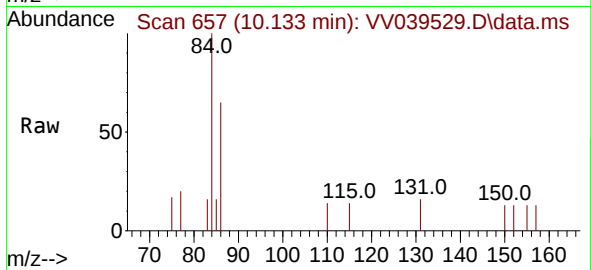
#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.616 ug/L
RT: 10.133 min Scan# 610
Delta R.T. -0.000 min
Lab File: VV039529.D
Acq: 10 Dec 2025 14:33

Instrument :
MSVOA_V
ClientSampleId :
VIBLK236

Tgt Ion: 84 Resp: 196
Ion Ratio Lower Upper
84 100
86 61.6 44.4 82.5

Manual Integrations
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Supervised By :Semsettin Yesilyurt 12/12/2025



#12
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.197 min Scan# 705
Delta R.T. 0.022 min
Lab File: VV039529.D
Acq: 10 Dec 2025 14:33

Tgt Ion:152 Resp: 3493
Ion Ratio Lower Upper
152 100
115 55.9 0.0 101.6
150 160.1 0.0 396.2

