

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV121025\
 Data File : VV039527.D
 Acq On : 10 Dec 2025 13:51
 Operator : SY/MD
 Sample : Q3813-04
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 TB01-120825

Manual Integrations
 APPROVED

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

Quant Time: Dec 11 00:06:52 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	6637	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	6660	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.197	152	3485	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3359m	0.516	ug/L	0.00
Spiked Amount 0.500	Range 40 - 130		Recovery =	104.000%		
4) 1,2-Dichloroethane-d4	4.993	65	1903	0.431	ug/L	0.02
Spiked Amount 0.500	Range 70 - 130		Recovery =	86.000%		
7) 1,2-Dichloropropane-d6	5.996	67	2262	0.403	ug/L	-0.02
Spiked Amount 0.500	Range 60 - 140		Recovery =	80.000%		
8) Toluene-d8	7.254	98	4210	0.444	ug/L	0.02
Spiked Amount 0.500	Range 70 - 130		Recovery =	88.000%		
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1693	0.535	ug/L	0.00
Spiked Amount 0.500	Range 65 - 120		Recovery =	106.000%		

Target Compounds Qvalue

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

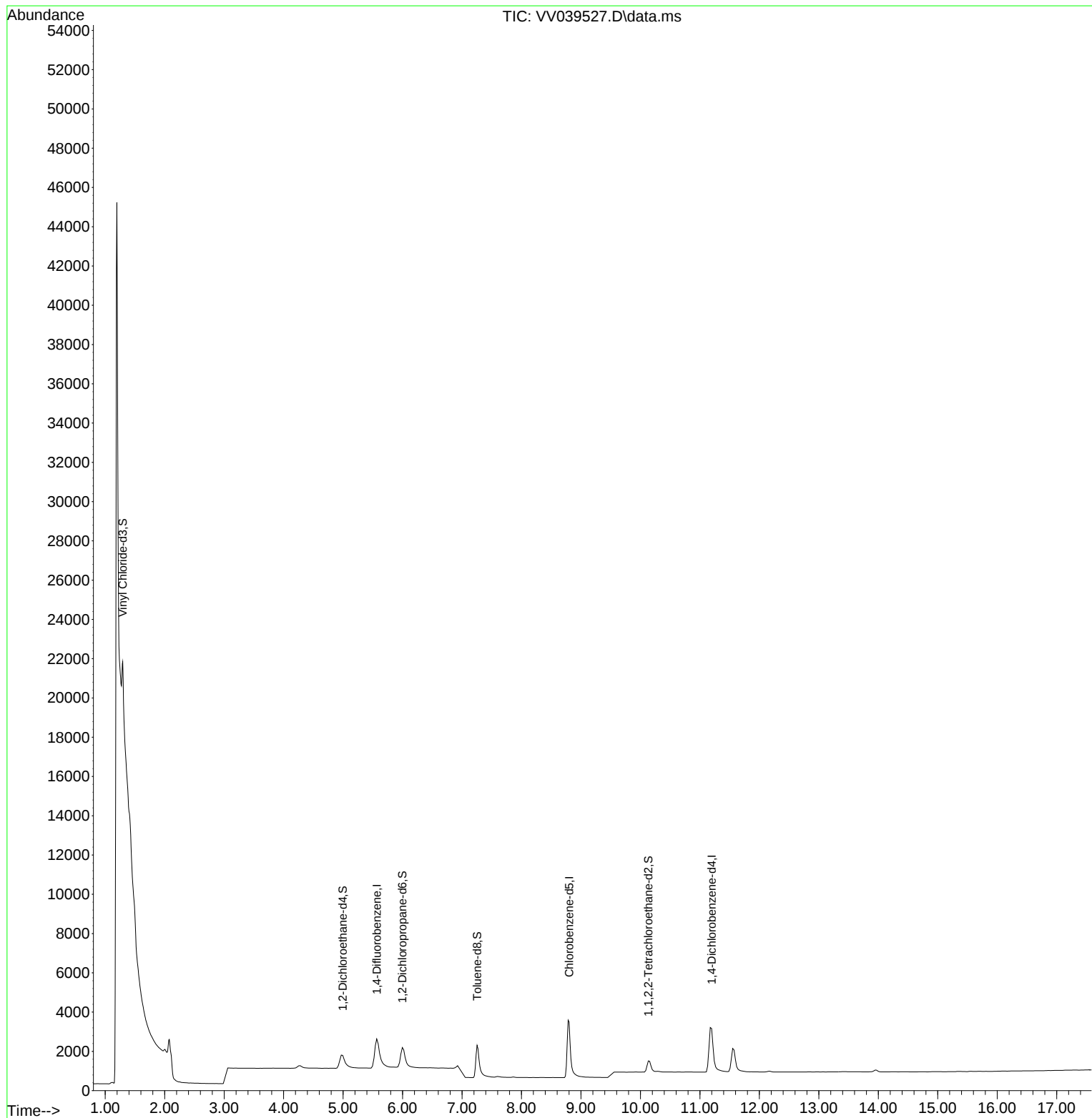
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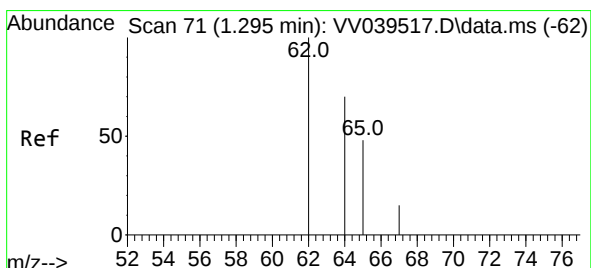
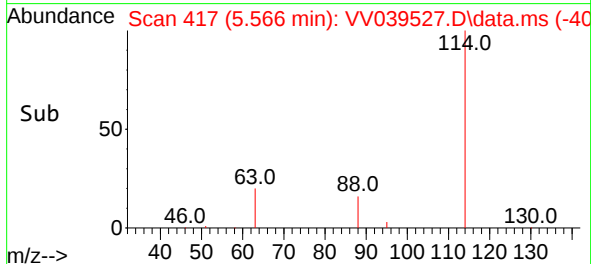
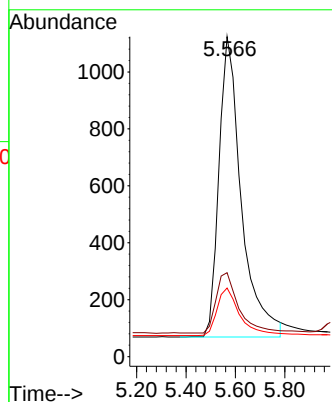
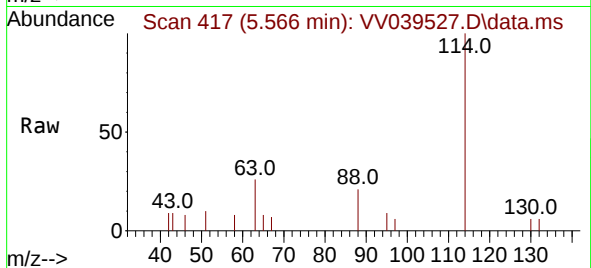
#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. 0.000 min
Lab File: VV039527.D
Acq: 10 Dec 2025 13:51

Instrument :
MSVOA_V
ClientSampleId :
TB01-120825

Tgt Ion:114 Resp: 663
Ion Ratio Lower Upper
114 100
63 20.1 15.0 22.4
88 15.9 12.0 18.0

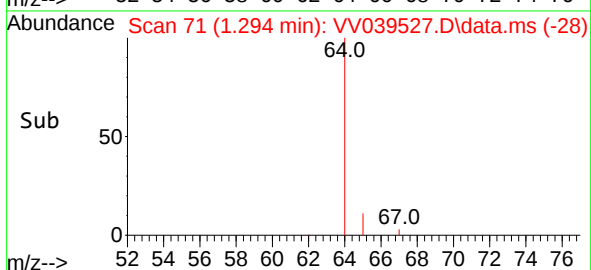
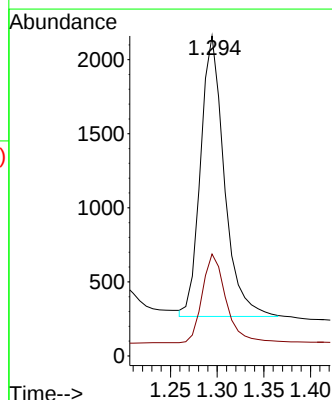
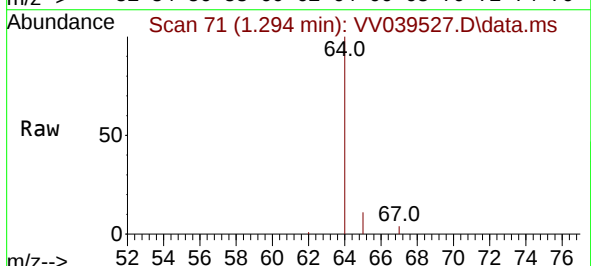
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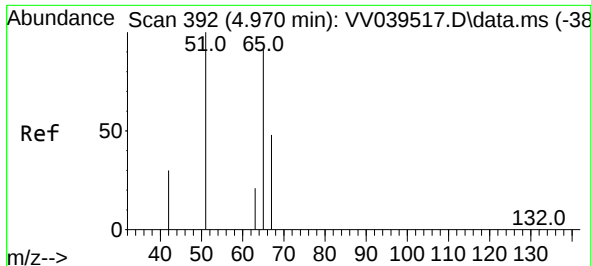
Reviewed By :Mahesh Dadoda 12/11/2025
Supervised By :Semsettin Yesilyurt 12/12/2025



#2
Vinyl Chloride-d3
Concen: 0.516 ug/L m
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039527.D
Acq: 10 Dec 2025 13:51

Tgt Ion: 65 Resp: 3359
Ion Ratio Lower Upper
65 100
67 36.2 22.3 41.5





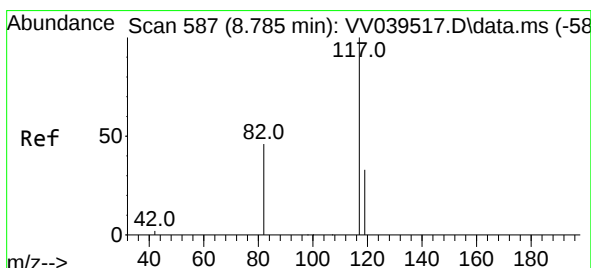
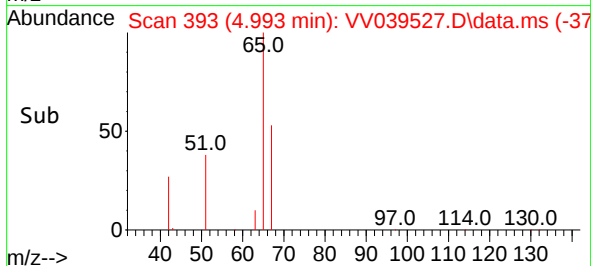
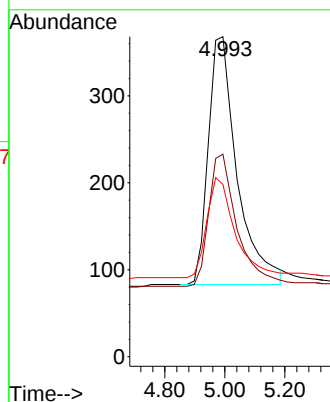
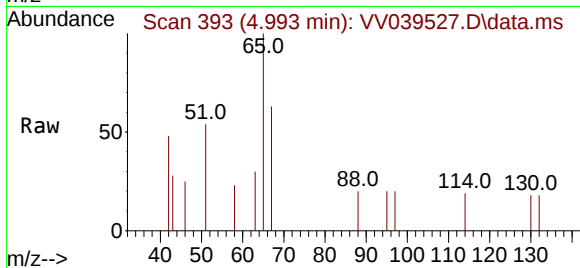
#4
1,2-Dichloroethane-d4
Concen: 0.431 ug/L
RT: 4.993 min Scan# 392
Delta R.T. 0.024 min
Lab File: VV039527.D
Acq: 10 Dec 2025 13:51

Instrument :
MSVOA_V
ClientSampleId :
TB01-120825

Tgt Ion: 65 Resp: 190
Ion Ratio Lower Upper
65 100
67 52.4 32.5 60.3
51 39.7 121.4 225.6

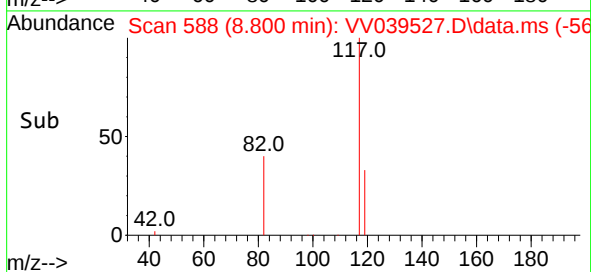
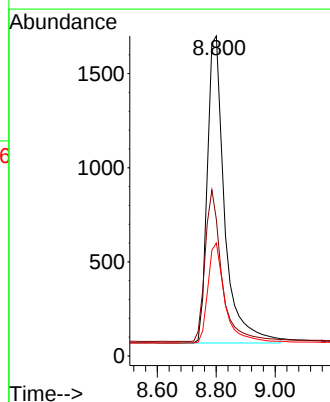
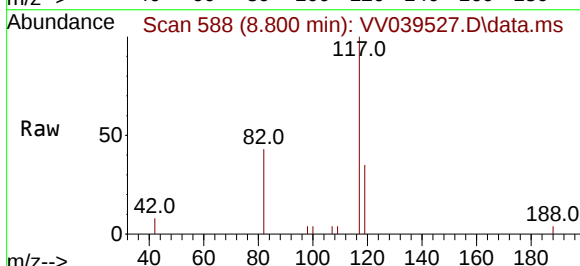
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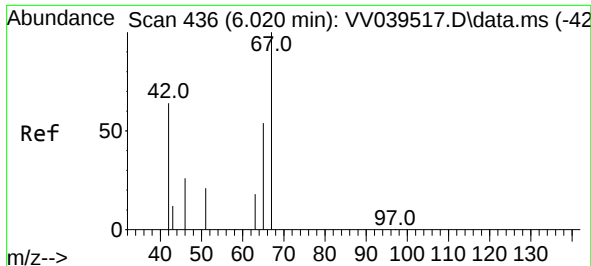
Reviewed By :Mahesh Dadoda 12/11/2025
Supervised By :Semsettin Yesilyurt 12/12/2025



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 588
Delta R.T. 0.015 min
Lab File: VV039527.D
Acq: 10 Dec 2025 13:51

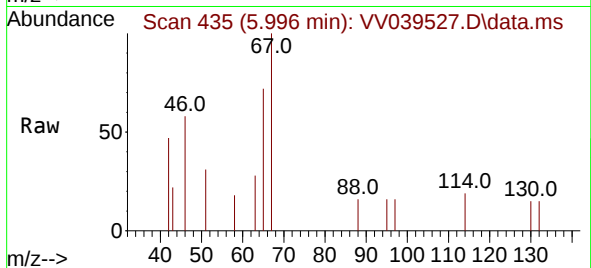
Tgt Ion:117 Resp: 6660
Ion Ratio Lower Upper
117 100
82 47.7 39.4 59.2
119 32.3 26.2 39.2





#7
1,2-Dichloropropane-d6
Concen: 0.403 ug/L
RT: 5.996 min Scan# 41
Delta R.T. -0.023 min
Lab File: VV039527.D
Acq: 10 Dec 2025 13:51

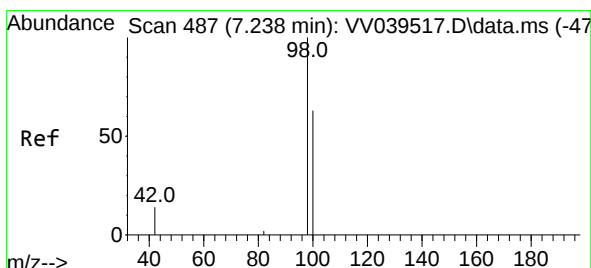
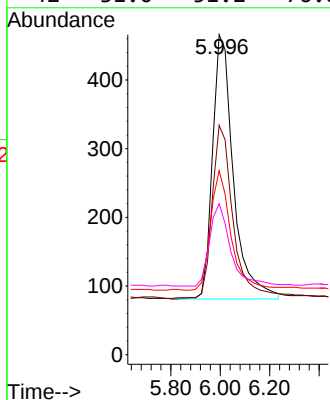
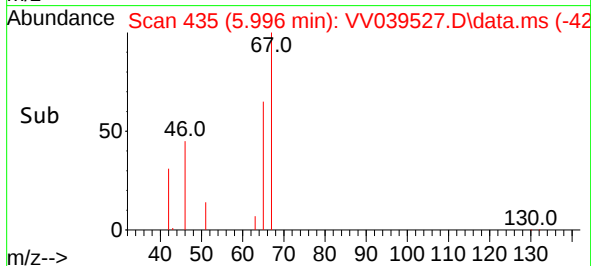
Instrument :
MSVOA_V
ClientSampleId :
TB01-120825



Tgt Ion: 67 Resp: 226
Ion Ratio Lower Upper
67 100
65 65.1 37.9 56.9
46 44.0 27.4 41.0
42 31.0 51.2 76.8

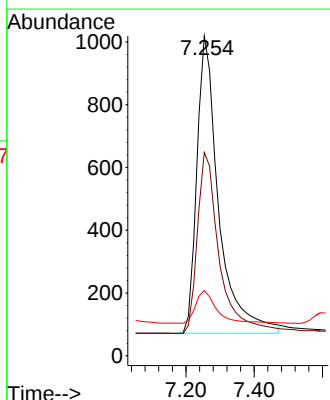
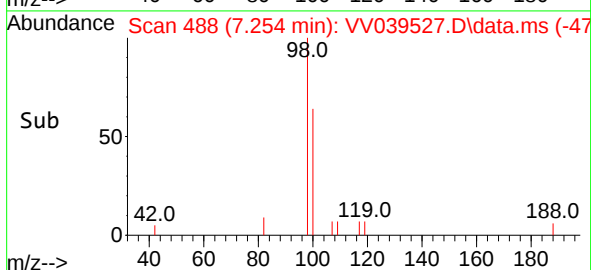
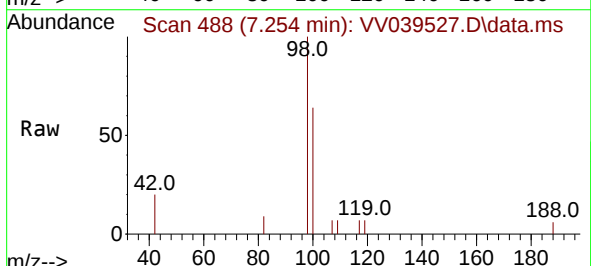
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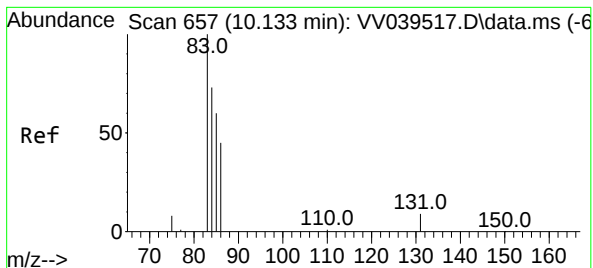
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#8
Toluene-d8
Concen: 0.444 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039527.D
Acq: 10 Dec 2025 13:51

Tgt Ion: 98 Resp: 4210
Ion Ratio Lower Upper
98 100
100 61.5 44.5 82.7
42 10.4 10.1 18.7





#10

1,1,2,2-Tetrachloroethane-d2

Concen: 0.535 ug/L

RT: 10.133 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV039527.D

Acq: 10 Dec 2025 13:51

Instrument :

MSVOA_V

ClientSampleId :

TB01-120825

Tgt Ion: 84 Resp: 169

Ion Ratio Lower Upper

84 100

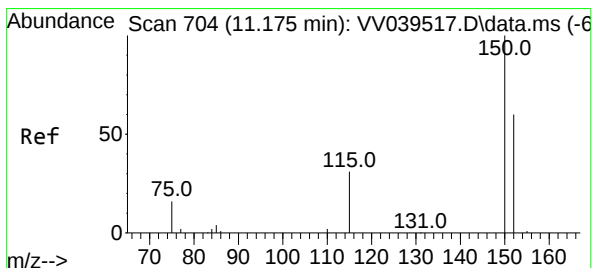
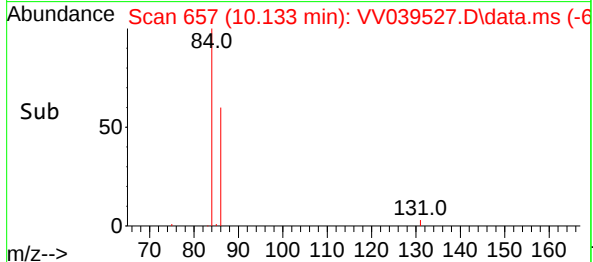
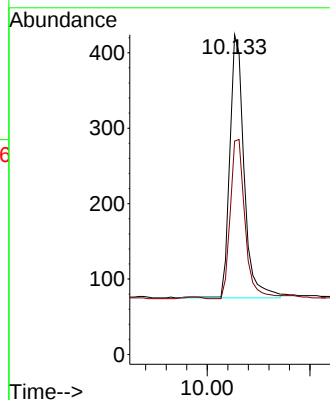
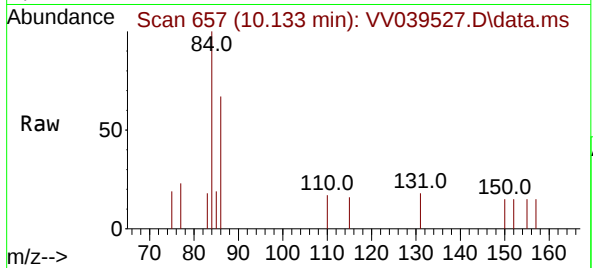
86 62.0 44.4 82.5

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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: VV039527.D

Acq: 10 Dec 2025 13:51

Tgt Ion:152 Resp: 3485

Ion Ratio Lower Upper

152 100

115 56.1 0.0 101.6

150 159.5 0.0 396.2

