

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120925\
 Data File : VV039513.D
 Acq On : 09 Dec 2025 18:30
 Operator : SY/MD
 Sample : VIBLK234
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK234

Manual Integrations
 APPROVED

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

Quant Time: Dec 10 01:18:33 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	6617	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.801	117	6502	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.198	152	3405	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.295	65	3717m	0.572	ug/L	0.00
Spiked Amount 0.500	Range 40 - 130		Recovery = 114.000%			
4) 1,2-Dichloroethane-d4	4.970	65	2126	0.482	ug/L	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery = 96.000%			
7) 1,2-Dichloropropane-d6	5.996	67	2475	0.451	ug/L	-0.02
Spiked Amount 0.500	Range 60 - 140		Recovery = 90.000%			
8) Toluene-d8	7.254	98	4618	0.499	ug/L	0.02
Spiked Amount 0.500	Range 70 - 130		Recovery = 100.000%			
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1820	0.589	ug/L	0.00
Spiked Amount 0.500	Range 65 - 120		Recovery = 118.000%			

Target Compounds Qvalue

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

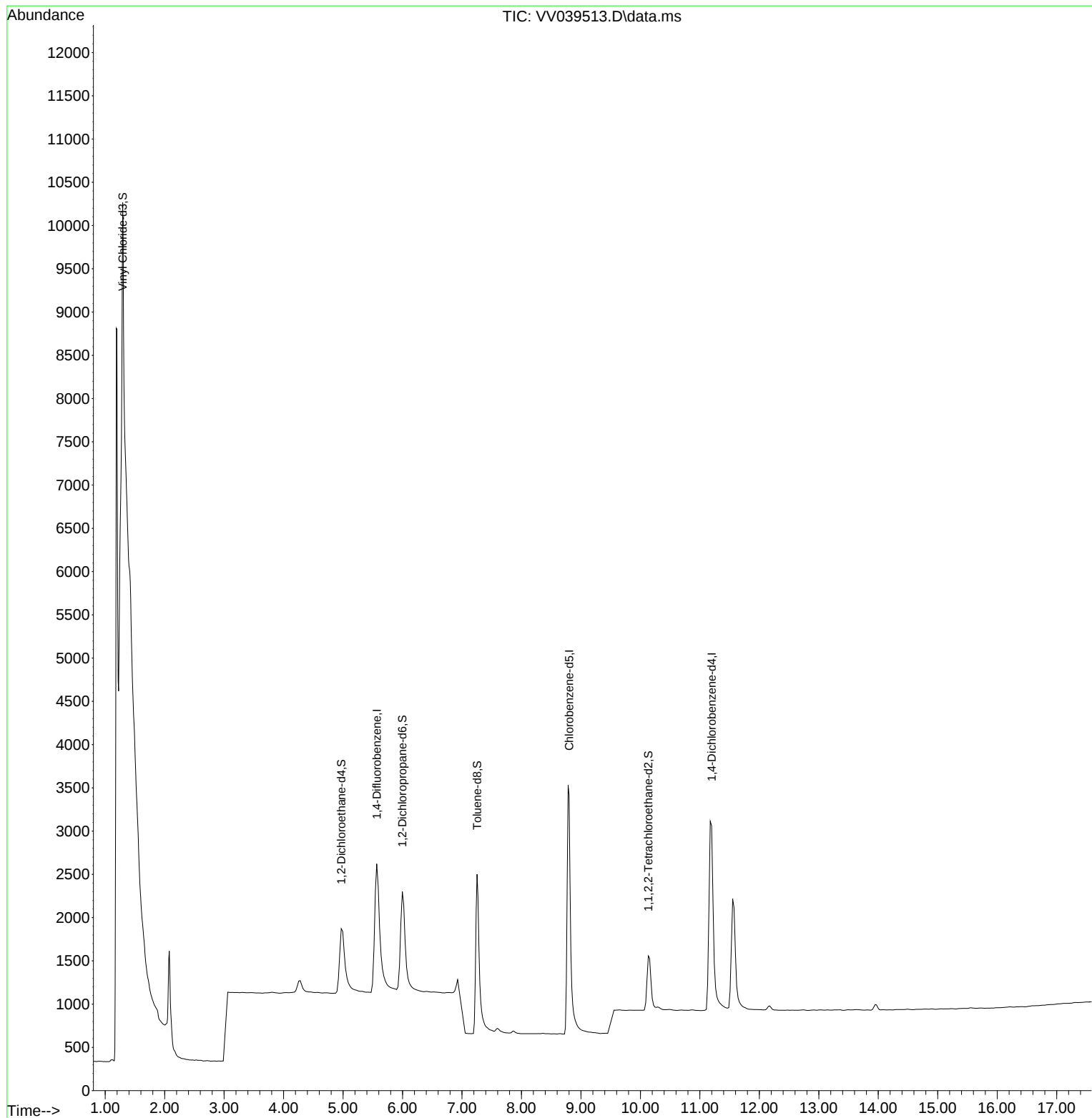
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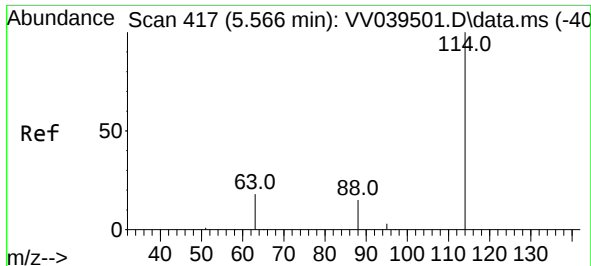
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ClientSampleId :
VIBLK234

Quant Time: Dec 10 01:18:33 2025
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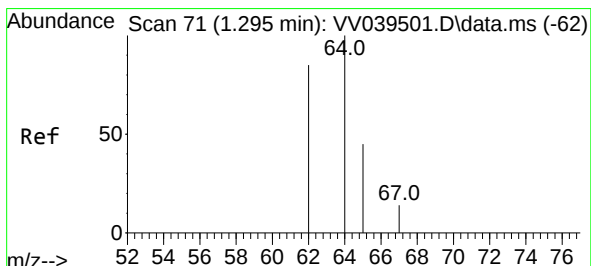
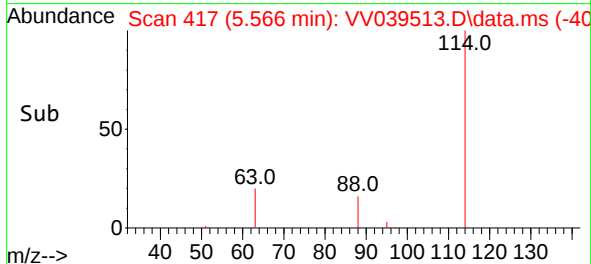
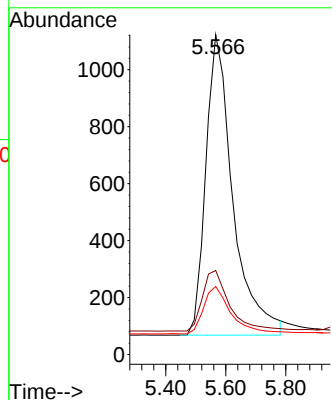
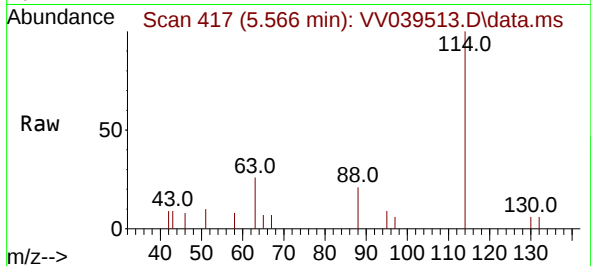
#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. 0.000 min
Lab File: VV039513.D
Acq: 09 Dec 2025 18:30

Instrument :
MSVOA_V
ClientSampleId :
VIBLK234

Tgt Ion:114 Resp: 661
Ion Ratio Lower Upper
114 100
63 20.3 15.0 22.4
88 15.8 12.0 18.0

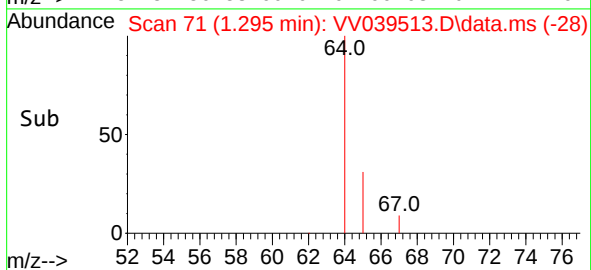
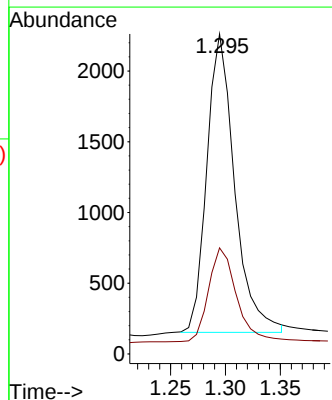
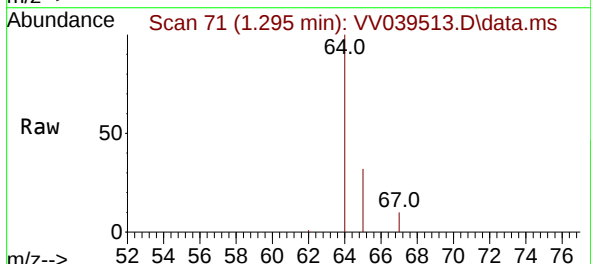
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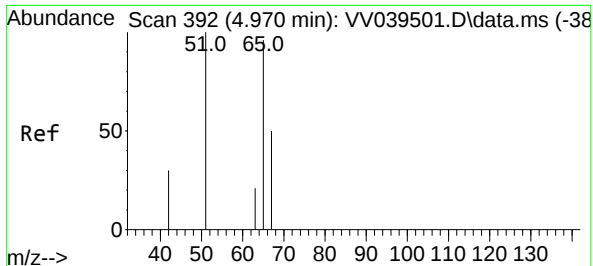
Reviewed By :John Carlone 12/10/2025
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#2
Vinyl Chloride-d3
Concen: 0.572 ug/L m
RT: 1.295 min Scan# 71
Delta R.T. 0.001 min
Lab File: VV039513.D
Acq: 09 Dec 2025 18:30

Tgt Ion: 65 Resp: 3717
Ion Ratio Lower Upper
65 100
67 33.8 22.3 41.5





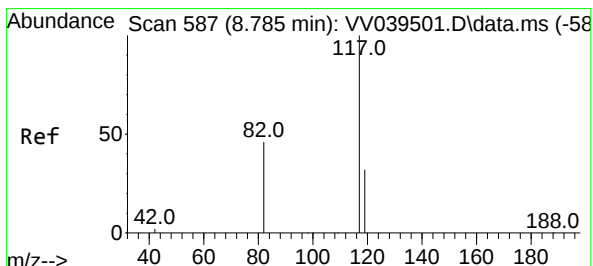
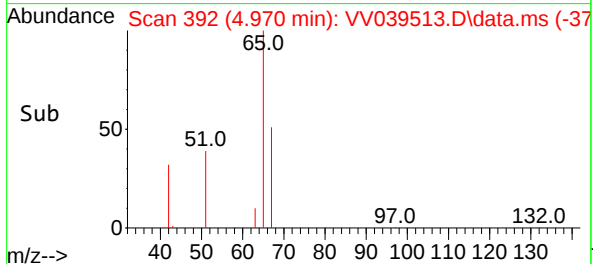
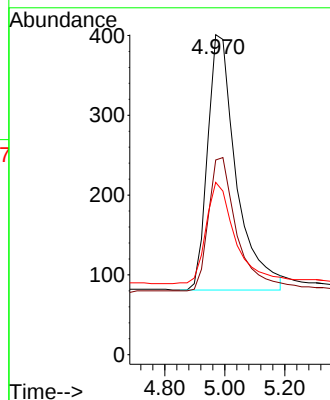
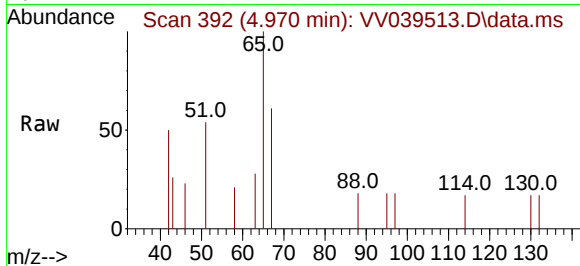
#4
1,2-Dichloroethane-d4
Concen: 0.482 ug/L
RT: 4.970 min Scan# 392
Delta R.T. 0.001 min
Lab File: VV039513.D
Acq: 09 Dec 2025 18:30

Instrument :
MSVOA_V
ClientSampleId :
VIBLK234

Tgt Ion: 65 Resp: 2120
Ion Ratio Lower Upper
65 100
67 51.8 32.5 60.3
51 40.5 121.4 225.6

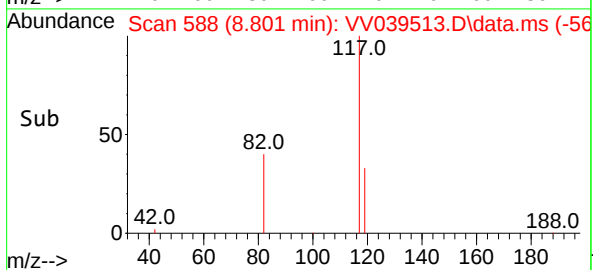
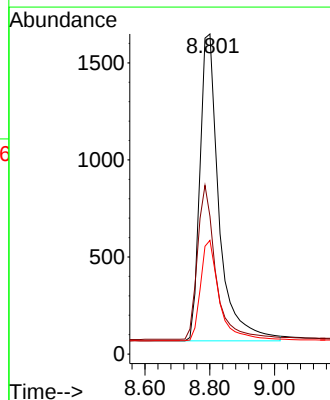
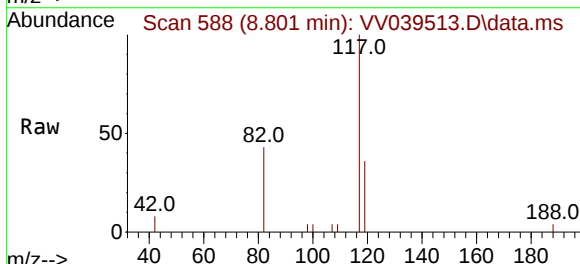
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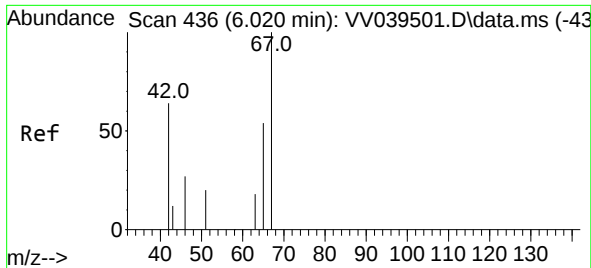
Reviewed By :John Carlone 12/10/2025
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#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.801 min Scan# 588
Delta R.T. 0.016 min
Lab File: VV039513.D
Acq: 09 Dec 2025 18:30

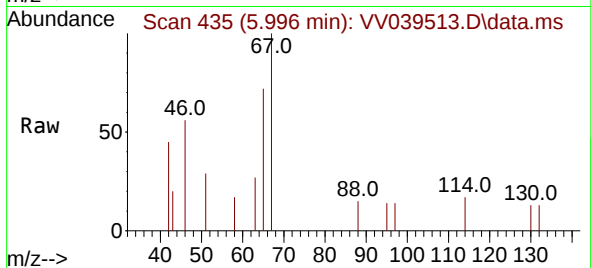
Tgt Ion:117 Resp: 6502
Ion Ratio Lower Upper
117 100
82 48.4 39.4 59.2
119 32.3 26.2 39.2





#7
1,2-Dichloropropane-d6
Concen: 0.451 ug/L
RT: 5.996 min Scan# 41
Delta R.T. -0.023 min
Lab File: VV039513.D
Acq: 09 Dec 2025 18:30

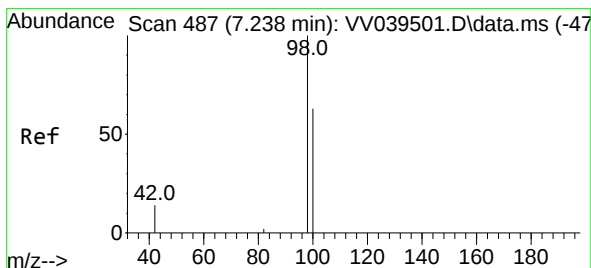
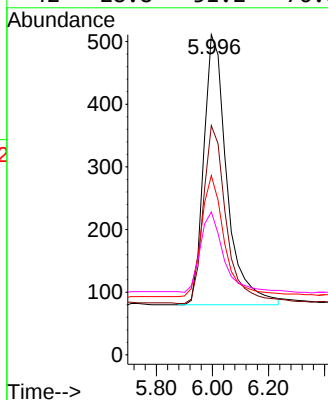
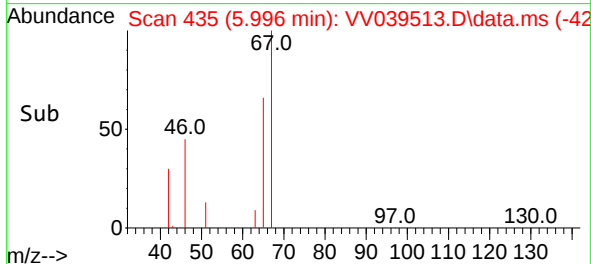
Instrument :
MSVOA_V
ClientSampleId :
VIBLK234



Tgt Ion: 67 Resp: 2475
Ion Ratio Lower Upper
67 100
65 65.1 37.9 56.9
46 44.8 27.4 41.0
42 28.8 51.2 76.8

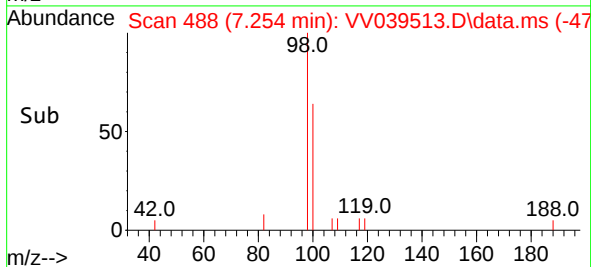
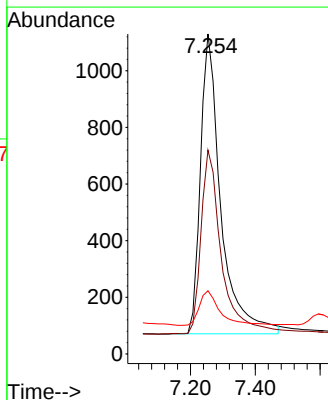
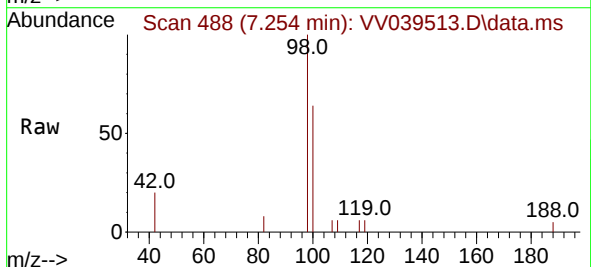
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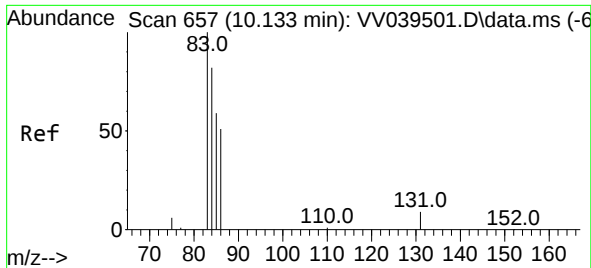
Reviewed By :John Carlone 12/10/2025
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#8
Toluene-d8
Concen: 0.499 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039513.D
Acq: 09 Dec 2025 18:30

Tgt Ion: 98 Resp: 4618
Ion Ratio Lower Upper
98 100
100 61.2 44.5 82.7
42 11.6 10.1 18.7





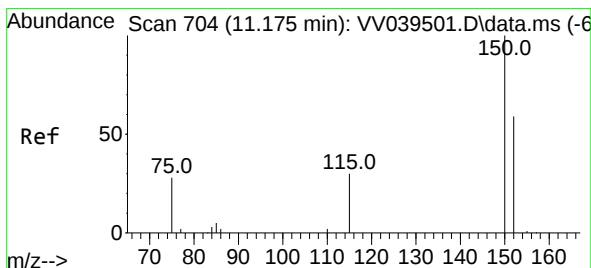
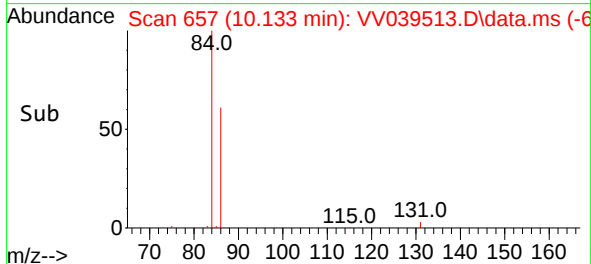
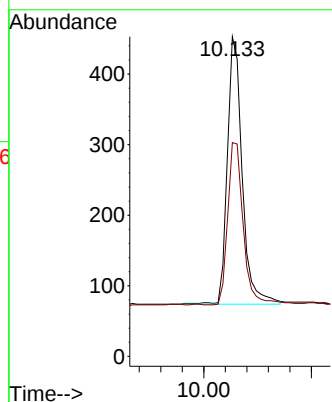
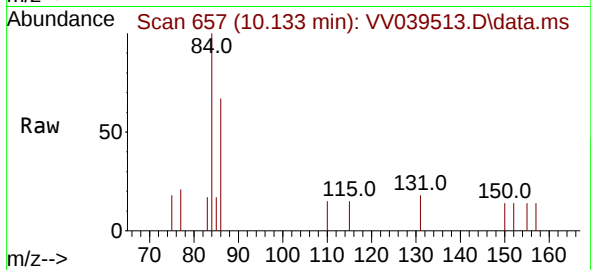
#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.589 ug/L
RT: 10.133 min Scan# 610
Delta R.T. 0.000 min
Lab File: VV039513.D
Acq: 09 Dec 2025 18:30

Instrument :
MSVOA_V
ClientSampleId :
VIBLK234

Tgt Ion: 84 Resp: 1820
Ion Ratio Lower Upper
84 100
86 63.3 44.4 82.5

Manual Integrations
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#12
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.198 min Scan# 705
Delta R.T. 0.023 min
Lab File: VV039513.D
Acq: 09 Dec 2025 18:30

Tgt Ion:152 Resp: 3405
Ion Ratio Lower Upper
152 100
115 54.7 0.0 101.6
150 157.1 0.0 396.2

