

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120425\
 Data File : VV039467.D
 Acq On : 04 Dec 2025 14:01
 Operator : SY/MD
 Sample : Q3756-04DL 20X
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BR-01-190-120225-SIMDL

Quant Time: Dec 05 00:10:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 04 00:58:46 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	5676	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	5791	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.197	152	2925	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3514m	0.616	ug/L	0.00
Spiked Amount 0.500	Range 40 - 130		Recovery =	124.000%		
4) 1,2-Dichloroethane-d4	4.993	65	1757	0.465	ug/L	0.02
Spiked Amount 0.500	Range 70 - 130		Recovery =	92.000%		
7) 1,2-Dichloropropane-d6	5.995	67	2049	0.419	ug/L	-0.02
Spiked Amount 0.500	Range 60 - 140		Recovery =	84.000%		
8) Toluene-d8	7.253	98	3824	0.464	ug/L	0.02
Spiked Amount 0.500	Range 70 - 130		Recovery =	92.000%		
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1485	0.539	ug/L	0.00
Spiked Amount 0.500	Range 65 - 120		Recovery =	108.000%		
Target Compounds					Qvalue	
3) Vinyl chloride	1.294	62	12772	1.040	ug/L #	1

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

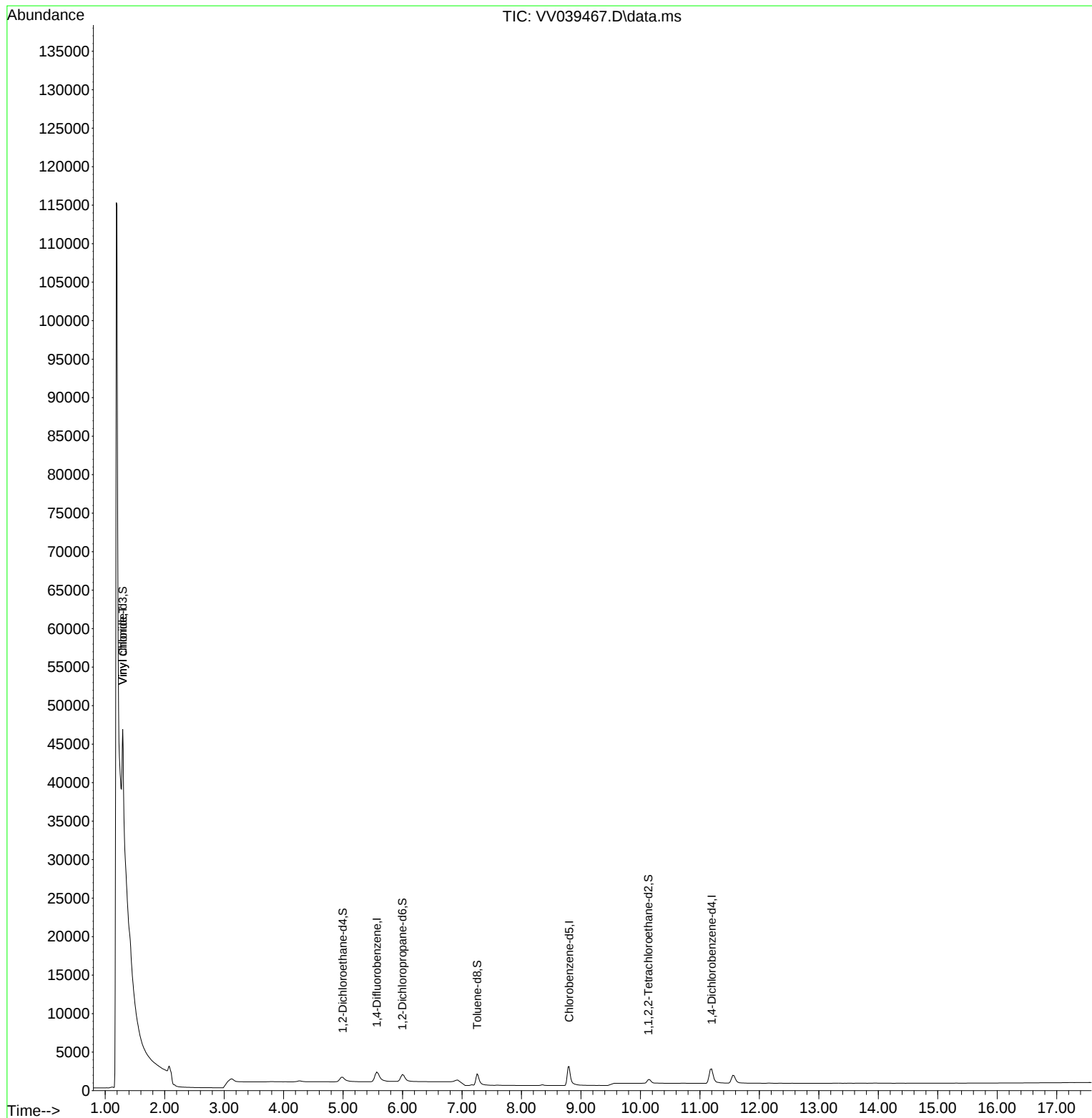
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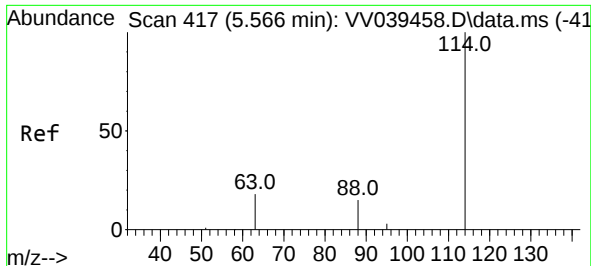
Instrument :
MSVOA_V
ClientSampleId :
BR-01-190-120225-SIMDL

Quant Time: Dec 05 00:10:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 04 00:58:46 2025
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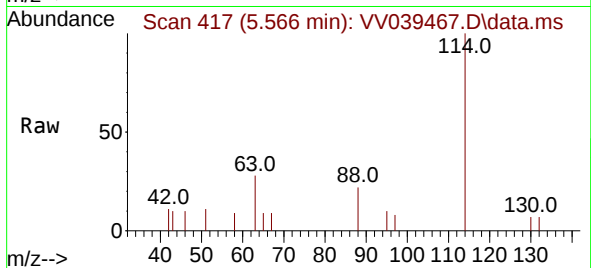
Reviewed By : John Carlone 12/10/2025
Supervised By : Mahesh Dadoda 12/10/2025





#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. -0.000 min
Lab File: VV039467.D
Acq: 04 Dec 2025 14:01

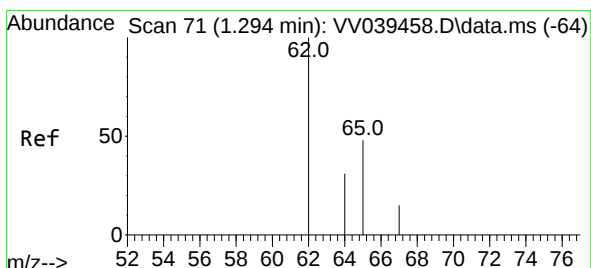
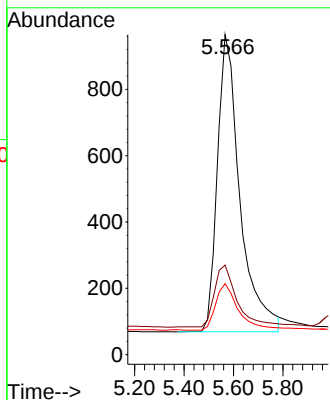
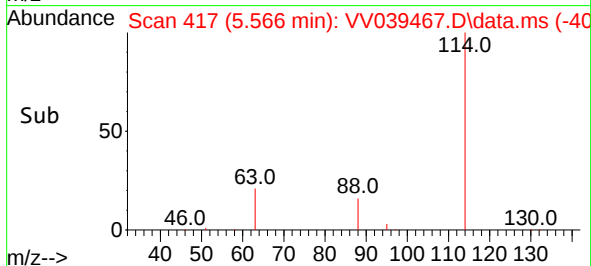
Instrument :
MSVOA_V
ClientSampleId :
BR-01-190-120225-SIMDL



Tgt Ion:114 Resp: 5670
Ion Ratio Lower Upper
114 100
63 20.7 15.0 22.4
88 15.7 12.0 18.0

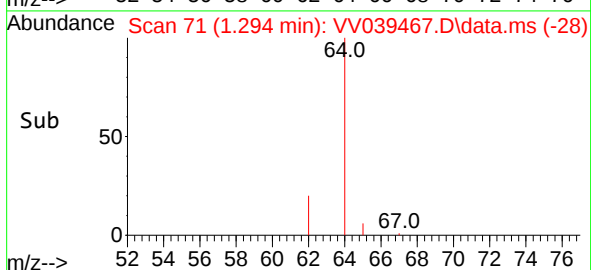
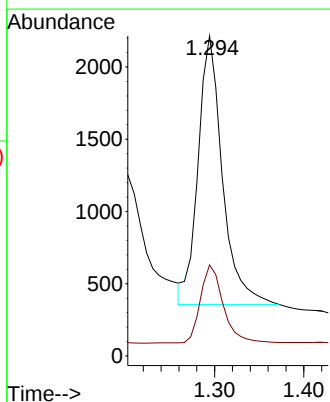
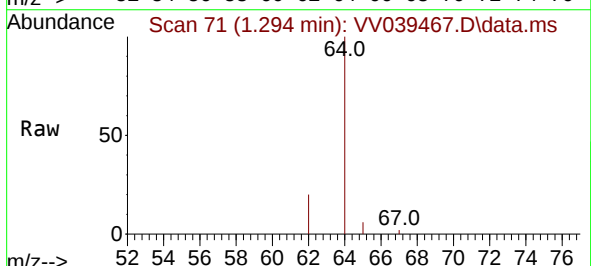
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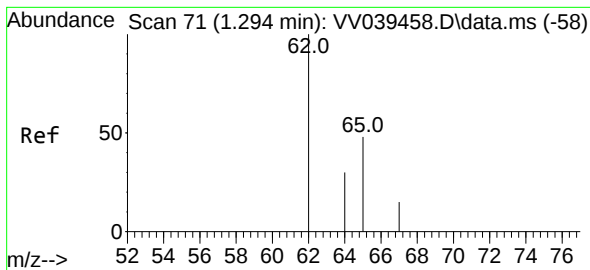
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#2
Vinyl Chloride-d3
Concen: 0.616 ug/L m
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039467.D
Acq: 04 Dec 2025 14:01

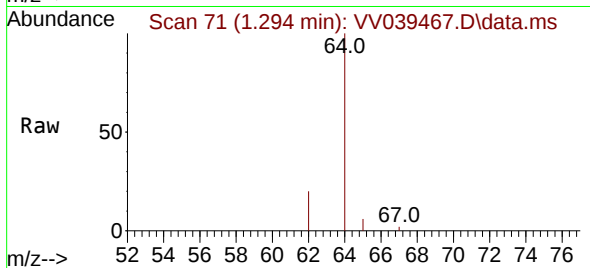
Tgt Ion: 65 Resp: 3514
Ion Ratio Lower Upper
65 100
67 27.9 22.3 41.5





#3
 Vinyl chloride
 Concen: 1.040 ug/L
 RT: 1.294 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV039467.D
 Acq: 04 Dec 2025 14:01

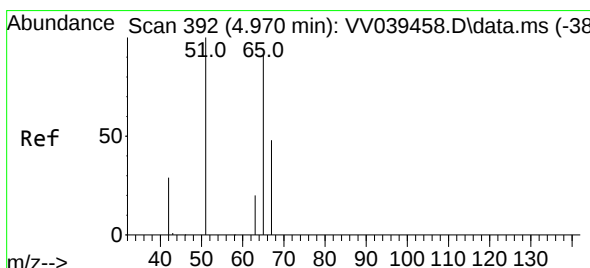
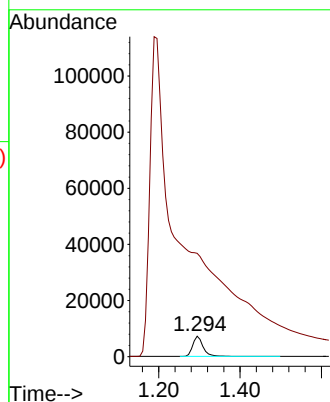
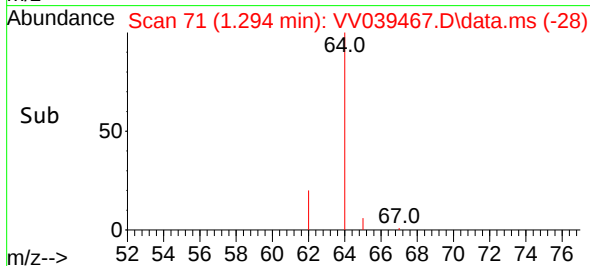
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 ClientSampleId :
 BR-01-190-120225-SIMDL



Tgt Ion: 62 Resp: 12772
 Ion Ratio Lower Upper
 62 100
 64 505.4 24.8 46.0

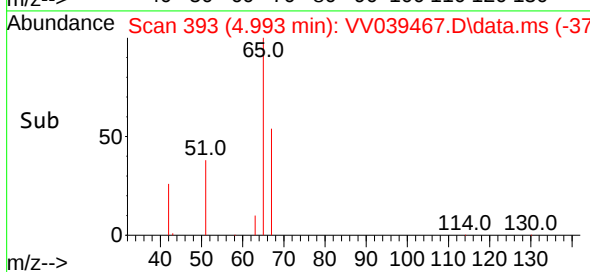
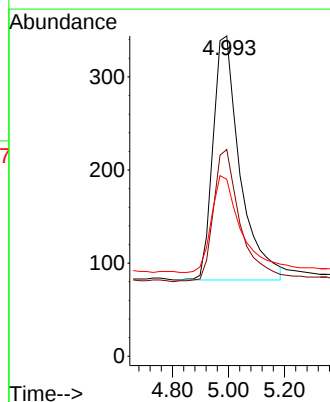
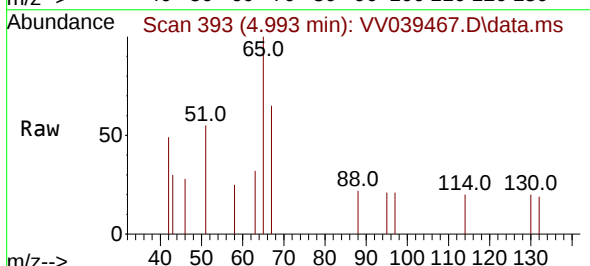
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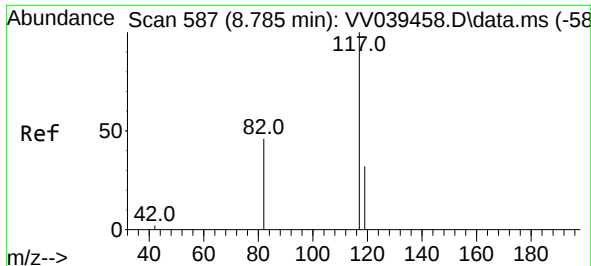
Reviewed By :John Carlone 12/10/2025
 Supervised By :Mahesh Dadoda 12/10/2025



#4
 1,2-Dichloroethane-d4
 Concen: 0.465 ug/L
 RT: 4.993 min Scan# 393
 Delta R.T. 0.024 min
 Lab File: VV039467.D
 Acq: 04 Dec 2025 14:01

Tgt Ion: 65 Resp: 1757
 Ion Ratio Lower Upper
 65 100
 67 54.4 32.5 60.3
 51 43.3 121.4 225.6





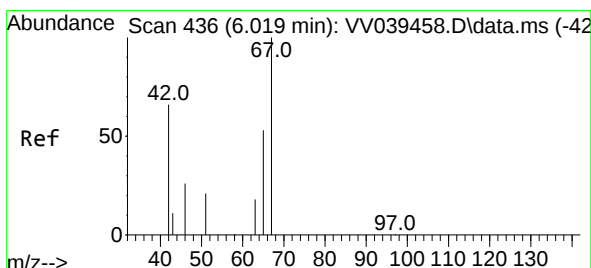
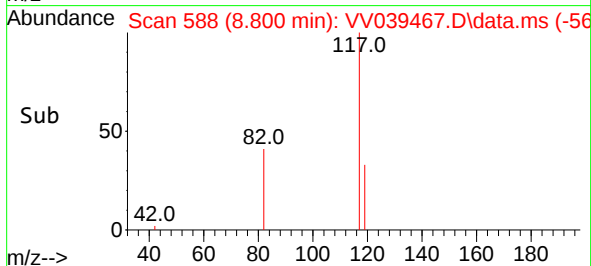
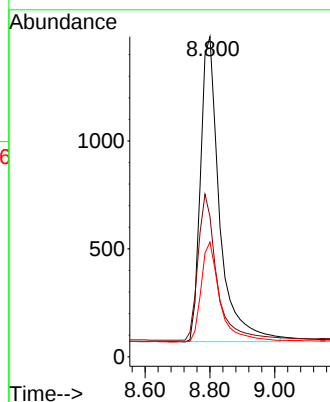
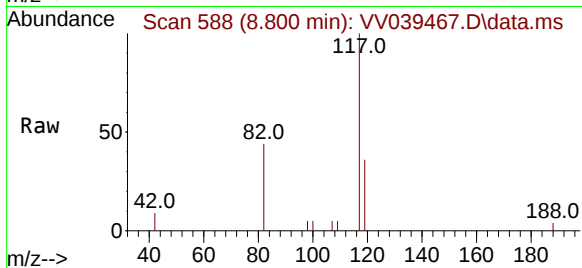
#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 51
Delta R.T. 0.015 min
Lab File: VV039467.D
Acq: 04 Dec 2025 14:01

Instrument :
MSVOA_V
ClientSampleId :
BR-01-190-120225-SIMDL

Tgt Ion: 117 Resp: 579
Ion Ratio Lower Upper
117 100
82 47.2 39.4 59.2
119 32.6 26.2 39.2

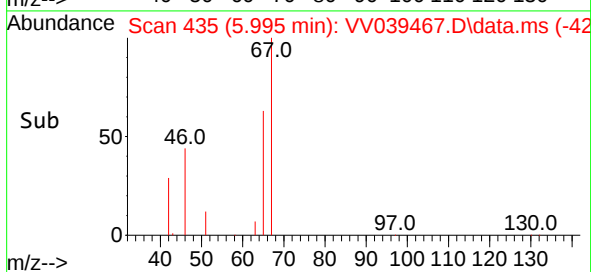
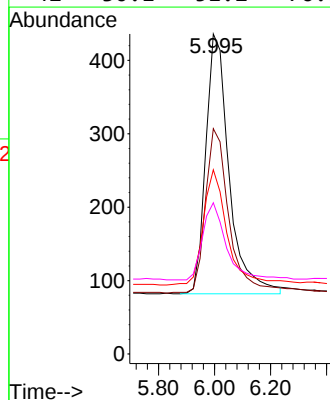
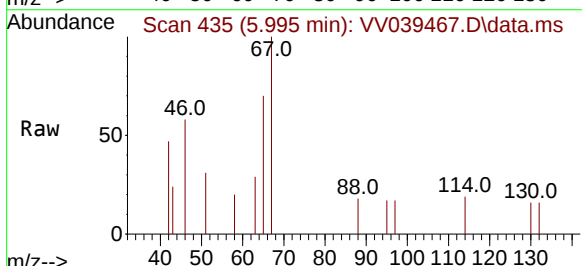
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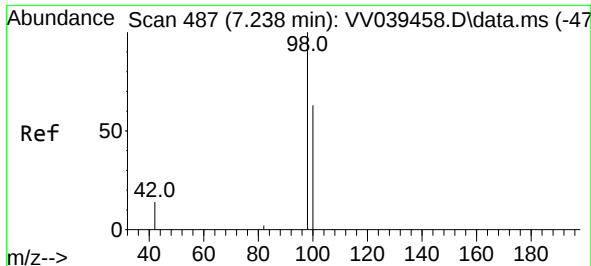
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#7
1,2-Dichloropropane-d6
Concen: 0.419 ug/L
RT: 5.995 min Scan# 435
Delta R.T. -0.024 min
Lab File: VV039467.D
Acq: 04 Dec 2025 14:01

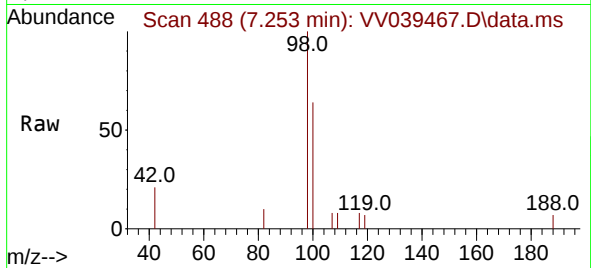
Tgt Ion: 67 Resp: 2049
Ion Ratio Lower Upper
67 100
65 64.0 37.9 56.9#
46 44.9 27.4 41.0#
42 30.1 51.2 76.8#





#8
Toluene-d8
Concen: 0.464 ug/L
RT: 7.253 min Scan# 41
Delta R.T. 0.015 min
Lab File: VV039467.D
Acq: 04 Dec 2025 14:01

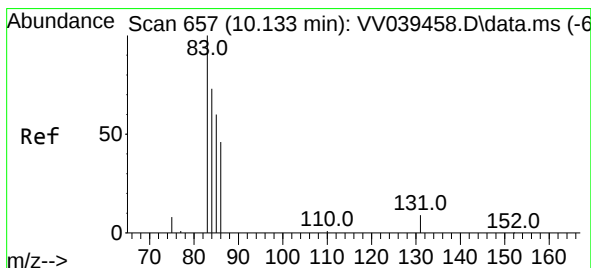
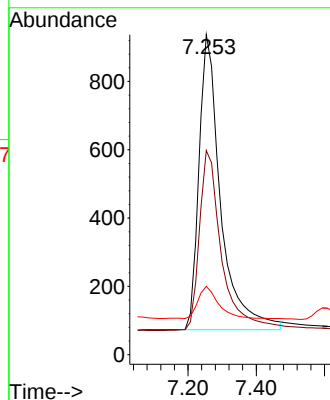
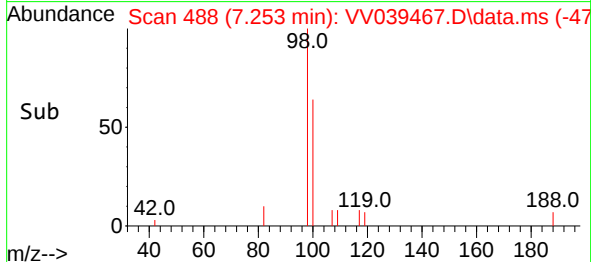
Instrument :
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ClientSampleId :
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Tgt Ion: 98 Resp: 3824
Ion Ratio Lower Upper
98 100
100 61.9 44.5 82.7
42 10.1 10.1 18.7

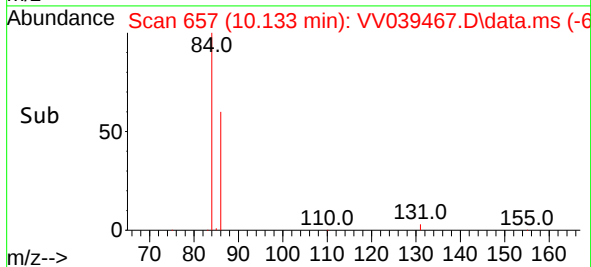
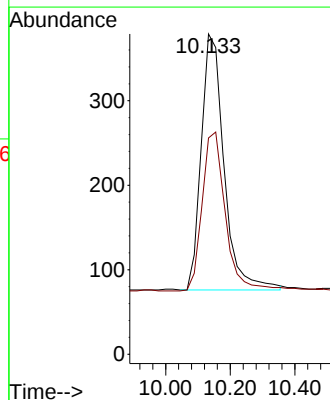
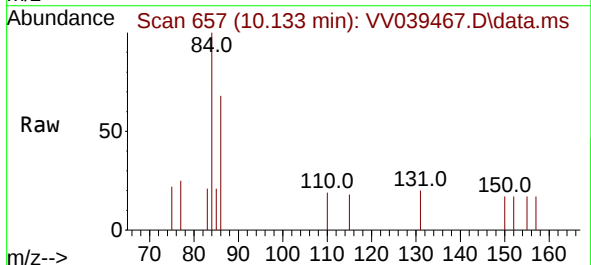
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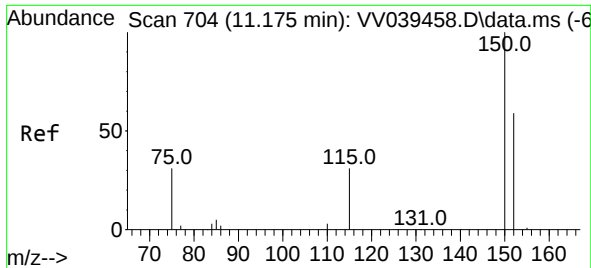
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Supervised By :Mahesh Dadoda 12/10/2025



#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.539 ug/L
RT: 10.133 min Scan# 657
Delta R.T. -0.000 min
Lab File: VV039467.D
Acq: 04 Dec 2025 14:01

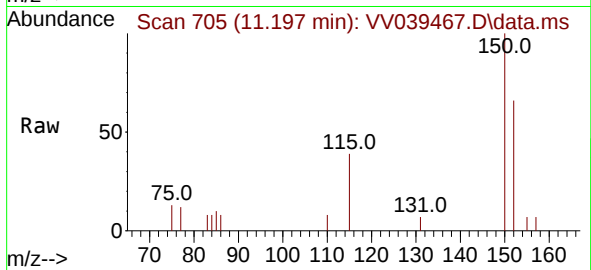
Tgt Ion: 84 Resp: 1485
Ion Ratio Lower Upper
84 100
86 62.8 44.4 82.5





#12
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.197 min Scan# 705
Delta R.T. 0.022 min
Lab File: VV039467.D
Acq: 04 Dec 2025 14:01

Instrument :
MSVOA_V
ClientSampleId :
BR-01-190-120225-SIMDL



Tgt Ion:152 Resp: 292.5
Ion Ratio Lower Upper
152 100
115 56.1 0.0 101.6
150 160.5 0.0 396.2

Manual Integrations
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