

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV121025\
 Data File : VV039528.D
 Acq On : 10 Dec 2025 14:12
 Operator : SY/MD
 Sample : Q3788-10RE
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BR-05-465-120525-SIMRE

Quant Time: Dec 11 00:07:04 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

Manual Integrations
 APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	6027	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	6521	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.175	152	3749	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3352m	0.566	ug/L	0.00
Spiked Amount 0.500	Range 40 - 130		Recovery =	114.000%		
4) 1,2-Dichloroethane-d4	4.969	65	1748	0.436	ug/L	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery =	88.000%		
7) 1,2-Dichloropropane-d6	5.995	67	2105	0.383	ug/L	-0.02
Spiked Amount 0.500	Range 60 - 140		Recovery =	76.000%		
8) Toluene-d8	7.253	98	4059	0.437	ug/L	0.02
Spiked Amount 0.500	Range 70 - 130		Recovery =	88.000%		
10) 1,1,2,2-Tetrachloroeth...	10.133	84	11	0.004	ug/L	0.00
Spiked Amount 0.500	Range 65 - 120		Recovery =	0.000%#		
Target Compounds						
					Qvalue	
3) Vinyl chloride	1.294	62	1059	0.081	ug/L #	1
6) Trichloroethene	5.852	95	415	0.052	ug/L	91

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

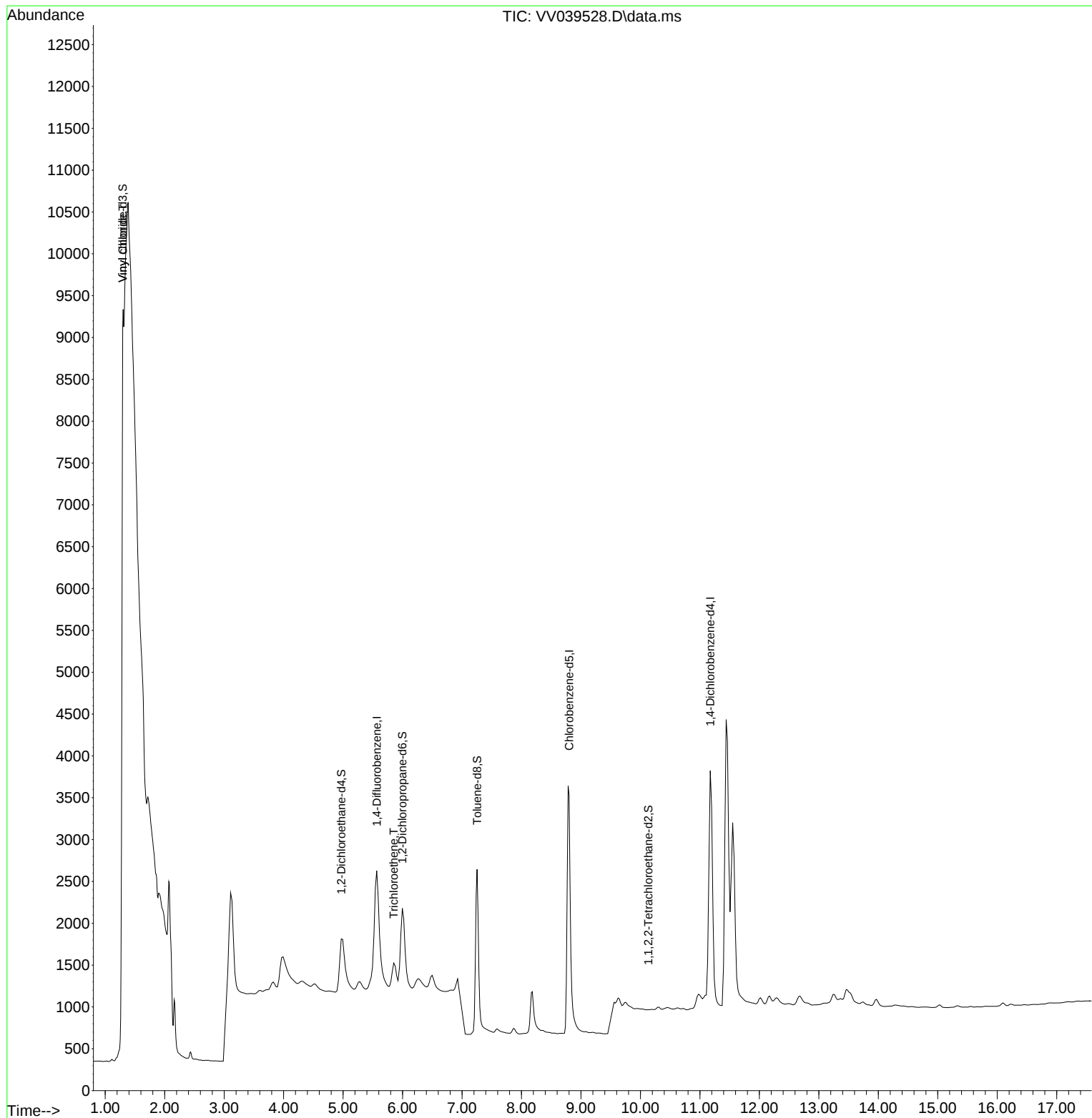
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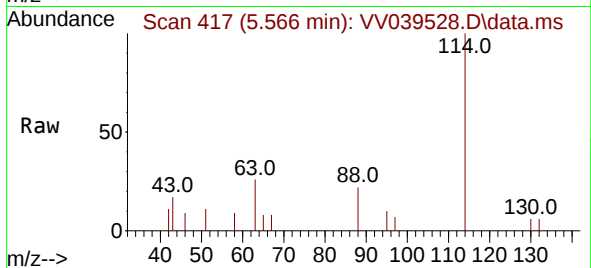
Reviewed By :Mahesh Dadoda 12/11/2025
Supervised By :Semsettin Yesilyurt 12/12/2025





#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. -0.000 min
Lab File: VV039528.D
Acq: 10 Dec 2025 14:12

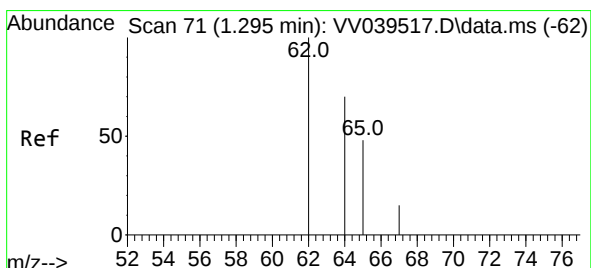
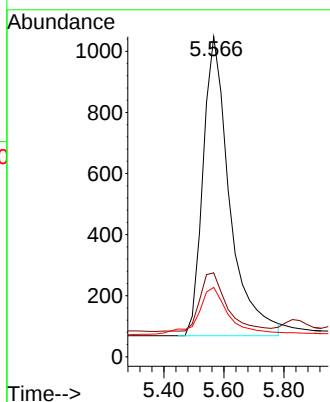
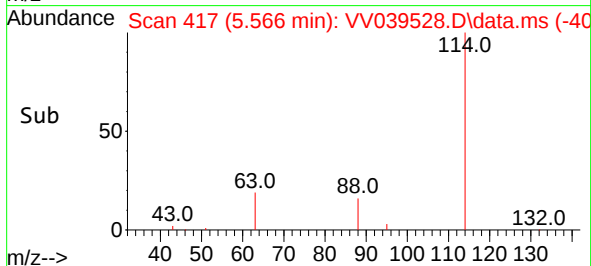
Instrument :
MSVOA_V
ClientSampleId :
BR-05-465-120525-SIMRE



Tgt Ion:114 Resp: 602
Ion Ratio Lower Upper
114 100
63 20.0 15.0 22.4
88 17.8 12.0 18.0

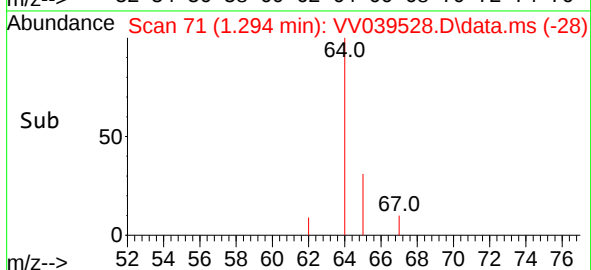
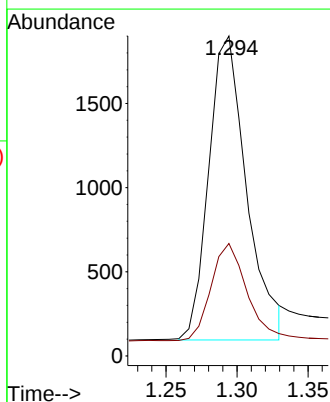
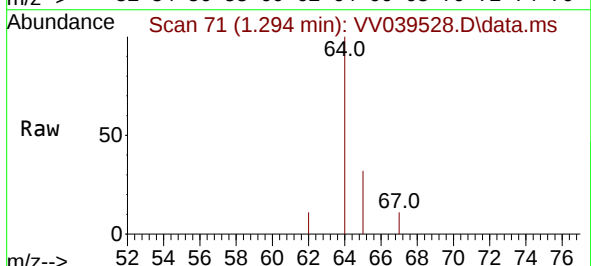
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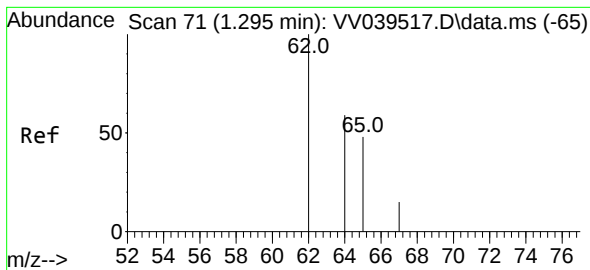
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Supervised By :Semsettin Yesilyurt 12/12/2025



#2
Vinyl Chloride-d3
Concen: 0.566 ug/L m
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039528.D
Acq: 10 Dec 2025 14:12

Tgt Ion: 65 Resp: 3352
Ion Ratio Lower Upper
65 100
67 33.9 22.3 41.5





#3

Vinyl chloride

Concen: 0.081 ug/L

RT: 1.294 min Scan# 71

Delta R.T. 0.000 min

Lab File: VV039528.D

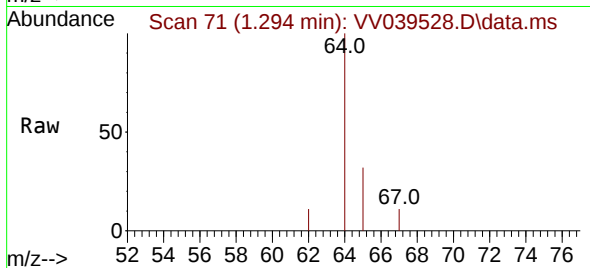
Acq: 10 Dec 2025 14:12

Instrument :

MSVOA_V

ClientSampleId :

BR-05-465-120525-SIMRE



Tgt Ion: 62 Resp: 1059

Ion Ratio Lower Upper

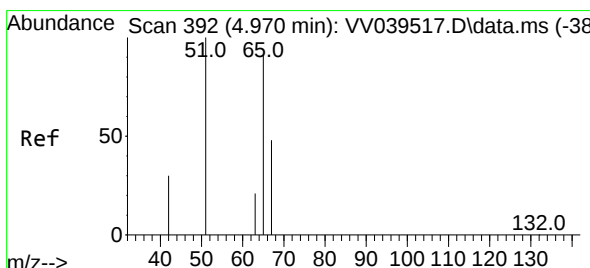
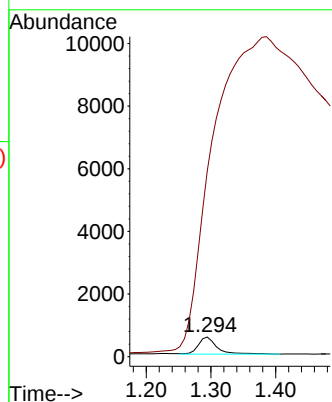
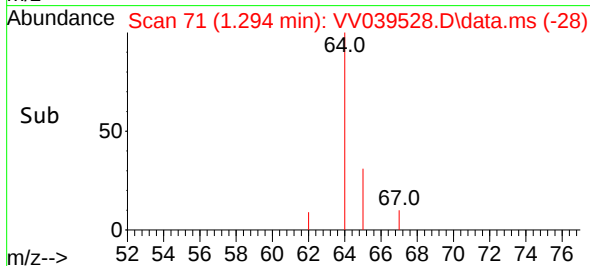
62 100

64 943.8 24.8 46.0

Manual Integrations

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#4

1,2-Dichloroethane-d4

Concen: 0.436 ug/L

RT: 4.969 min Scan# 392

Delta R.T. 0.000 min

Lab File: VV039528.D

Acq: 10 Dec 2025 14:12

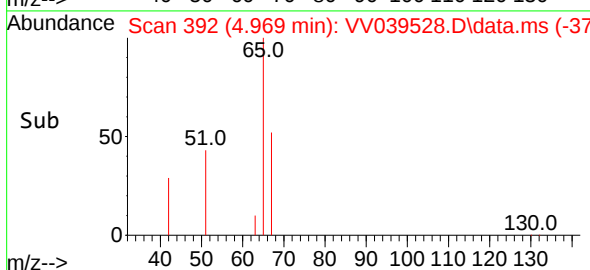
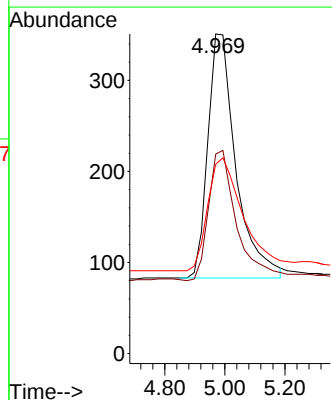
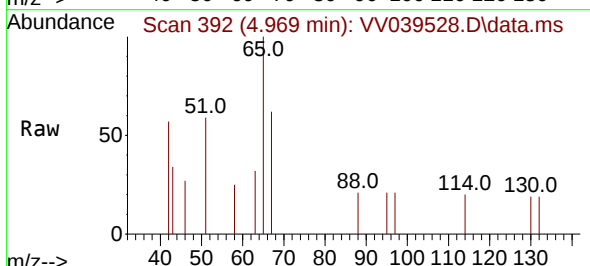
Tgt Ion: 65 Resp: 1748

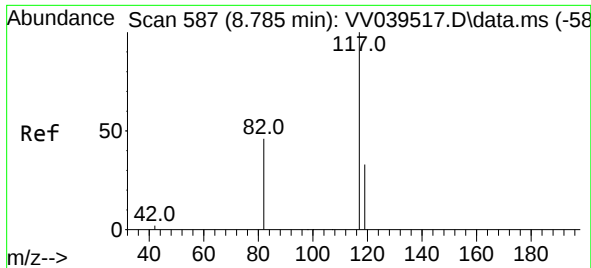
Ion Ratio Lower Upper

65 100

67 53.8 32.5 60.3

51 58.0 121.4 225.6





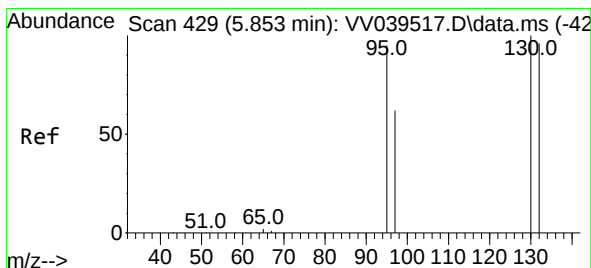
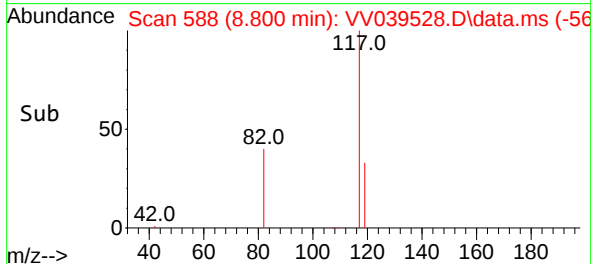
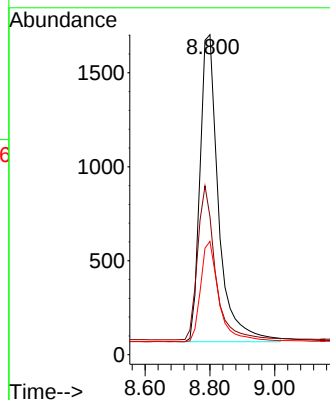
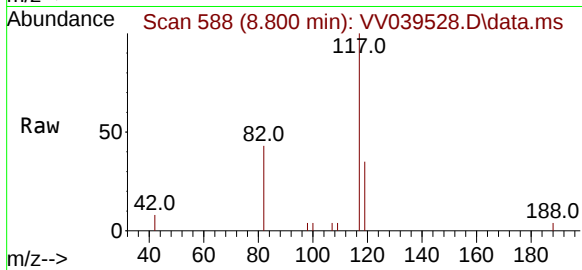
#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 511
Delta R.T. 0.015 min
Lab File: VV039528.D
Acq: 10 Dec 2025 14:12

Instrument :
MSVOA_V
ClientSampleId :
BR-05-465-120525-SIMRE

Tgt Ion: 117 Resp: 652
Ion Ratio Lower Upper
117 100
82 47.9 39.4 59.2
119 32.4 26.2 39.2

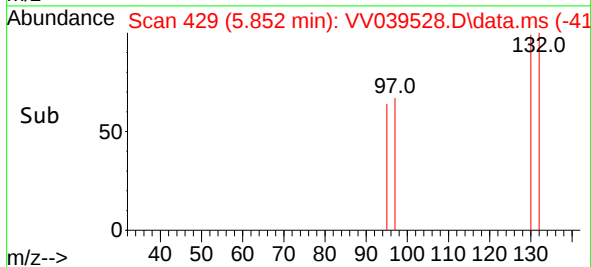
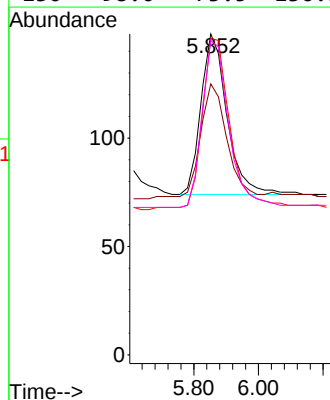
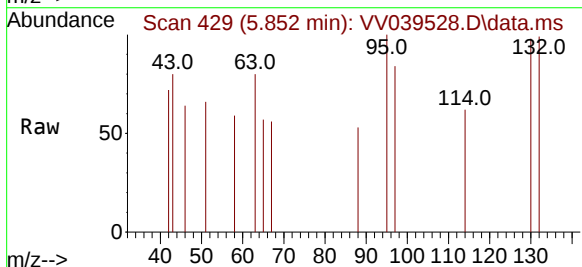
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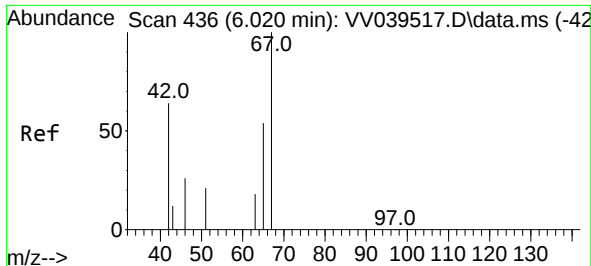
Reviewed By :Mahesh Dadoda 12/11/2025
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#6
Trichloroethene
Concen: 0.052 ug/L
RT: 5.852 min Scan# 429
Delta R.T. 0.000 min
Lab File: VV039528.D
Acq: 10 Dec 2025 14:12

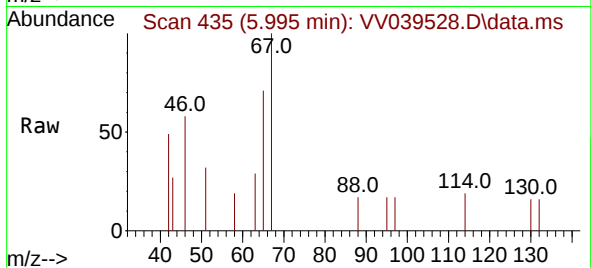
Tgt Ion: 95 Resp: 415
Ion Ratio Lower Upper
95 100
97 84.5 47.7 88.7
132 98.6 70.8 131.4
130 98.0 73.5 136.5





#7
1,2-Dichloropropane-d6
Concen: 0.383 ug/L
RT: 5.995 min Scan# 41
Delta R.T. -0.024 min
Lab File: VV039528.D
Acq: 10 Dec 2025 14:12

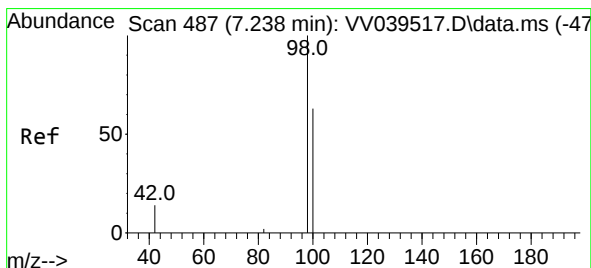
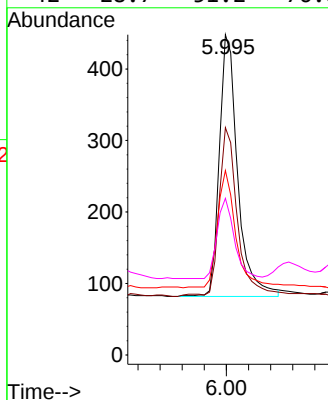
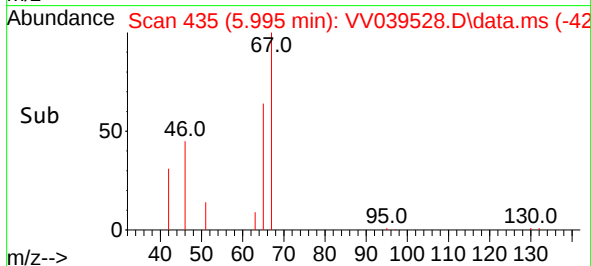
Instrument :
MSVOA_V
ClientSampleId :
BR-05-465-120525-SIMRE



Tgt Ion: 67 Resp: 210
Ion Ratio Lower Upper
67 100
65 65.0 37.9 56.9
46 44.5 27.4 41.0
42 28.7 51.2 76.8

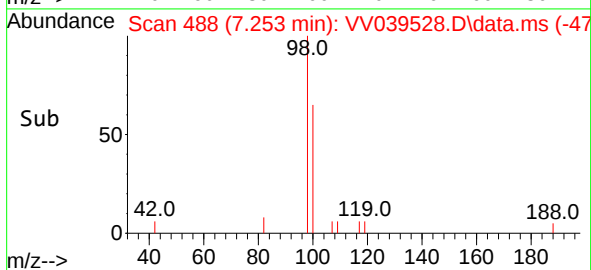
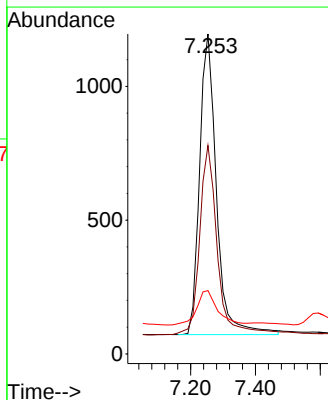
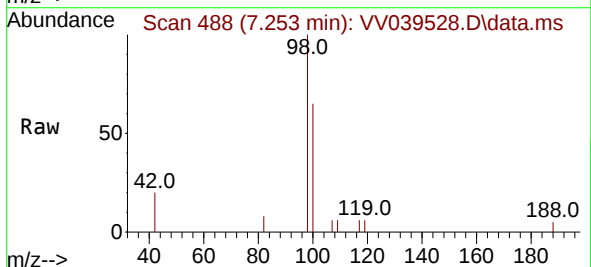
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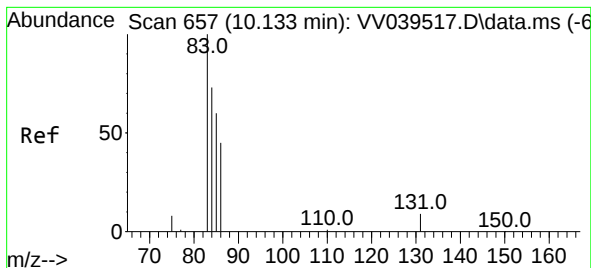
Reviewed By :Mahesh Dadoda 12/11/2025
Supervised By :Semsettin Yesilyurt 12/12/2025



#8
Toluene-d8
Concen: 0.437 ug/L
RT: 7.253 min Scan# 488
Delta R.T. 0.015 min
Lab File: VV039528.D
Acq: 10 Dec 2025 14:12

Tgt Ion: 98 Resp: 4059
Ion Ratio Lower Upper
98 100
100 64.8 44.5 82.7
42 14.3 10.1 18.7





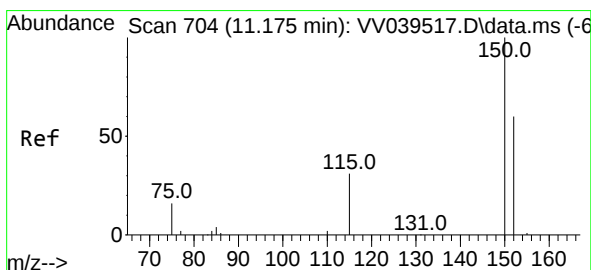
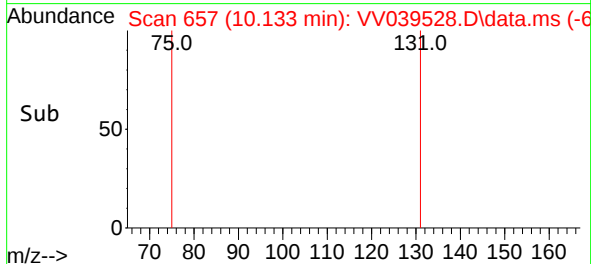
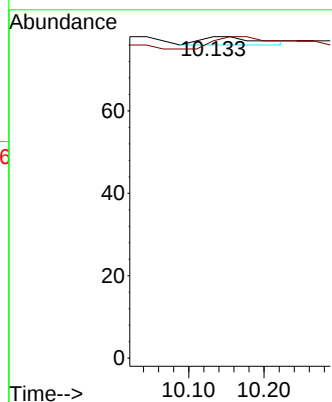
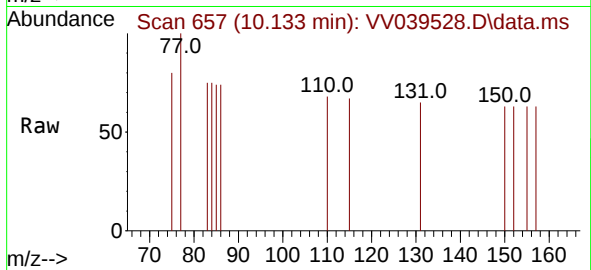
#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.004 ug/L
RT: 10.133 min Scan# 657
Delta R.T. -0.000 min
Lab File: VV039528.D
Acq: 10 Dec 2025 14:12

Instrument :
MSVOA_V
ClientSampleId :
BR-05-465-120525-SIMRE

Tgt Ion: 84 Resp: 111
Ion Ratio Lower Upper
84 100
86 218.2 44.4 82.5

Manual Integrations
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#12
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.175 min Scan# 704
Delta R.T. -0.000 min
Lab File: VV039528.D
Acq: 10 Dec 2025 14:12

Tgt Ion:152 Resp: 3749
Ion Ratio Lower Upper
152 100
115 52.1 0.0 101.6
150 157.9 0.0 396.2

