

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120425\
 Data File : VV039463.D
 Acq On : 04 Dec 2025 12:21
 Operator : SY/MD
 Sample : Q3756-04
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Dec 05 00:33:11 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	6231	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	6232	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.197	152	3304	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	8553m	1.365	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	= 274.000%#	
4) 1,2-Dichloroethane-d4	4.970	65	2222	0.536	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	= 108.000%	
7) 1,2-Dichloropropane-d6	5.996	67	2189	0.416	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	= 84.000%	
8) Toluene-d8	7.254	98	4187	0.472	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	= 94.000%	
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1653	0.558	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	= 112.000%	
Target Compounds						
					Qvalue	
3) Vinyl chloride	1.294	62	286464	21.247	ug/L #	1
6) Trichloroethene	5.876	95	513	0.066	ug/L	93
14) 1,2-Dibromo-3-chloropr...	12.151	75	120	0.170	ug/L #	80

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

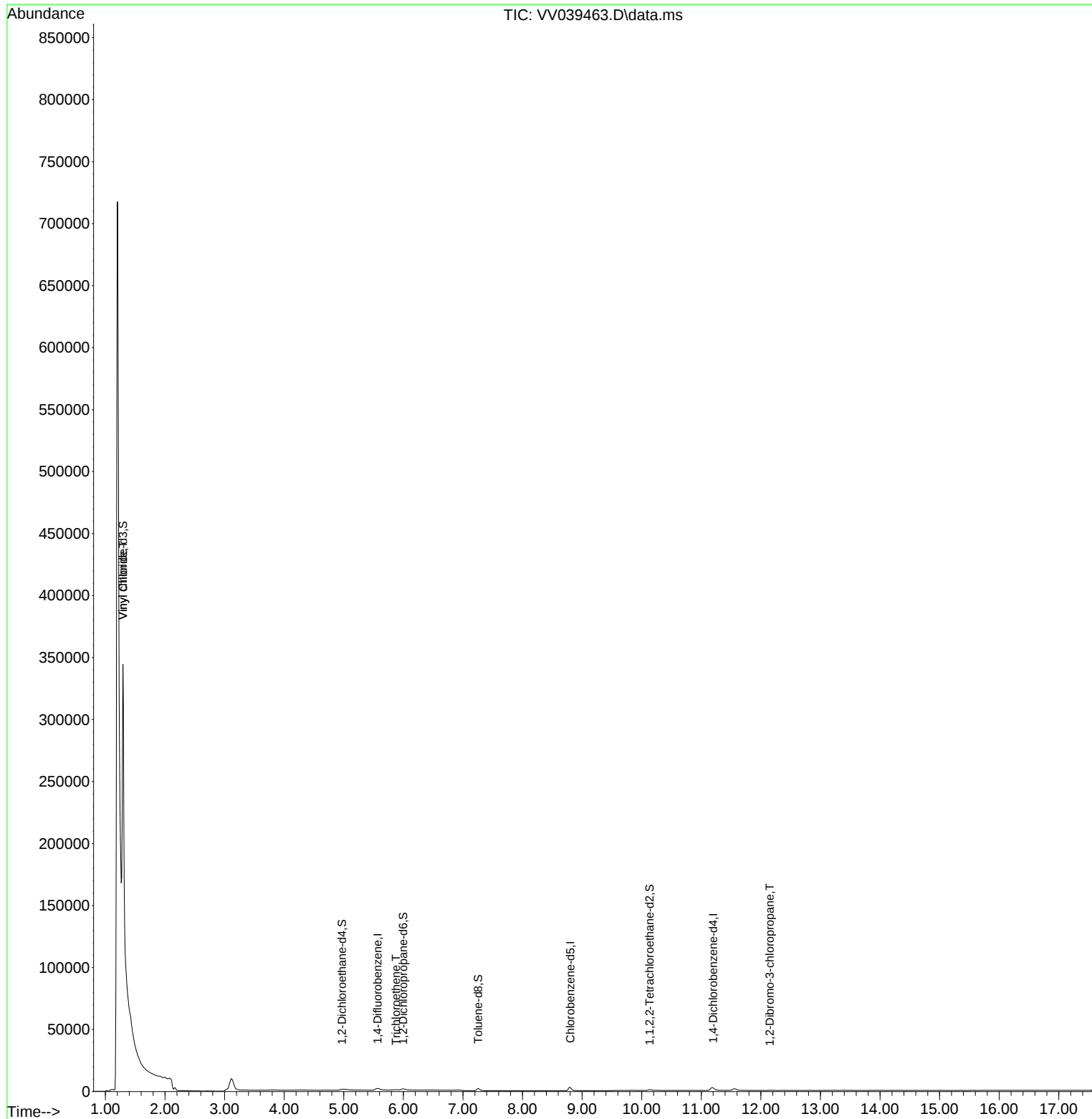
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120425\
Data File : VV039463.D
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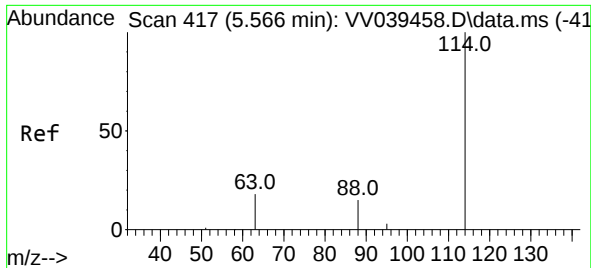
Instrument :
MSVOA_V
ClientSampleId :
BR-01-190-120225-SIM

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Quant Title : TRACE VOA SOM01.0
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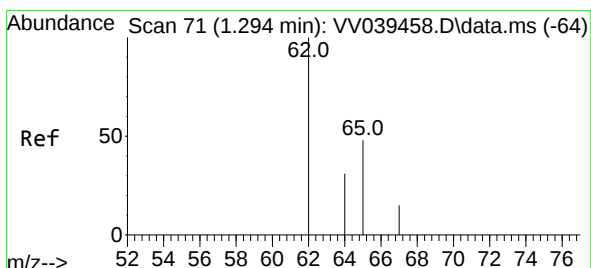
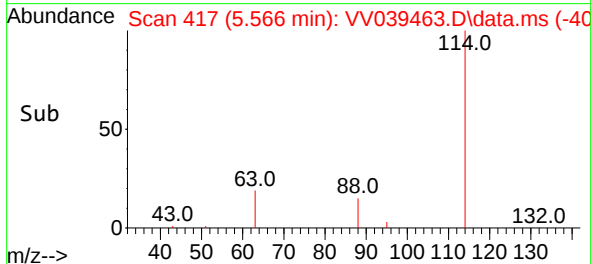
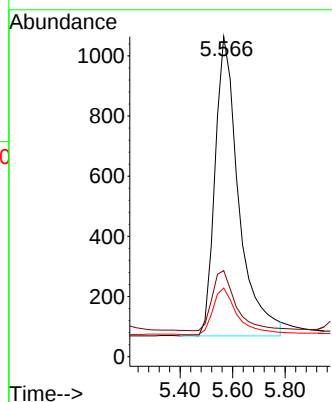
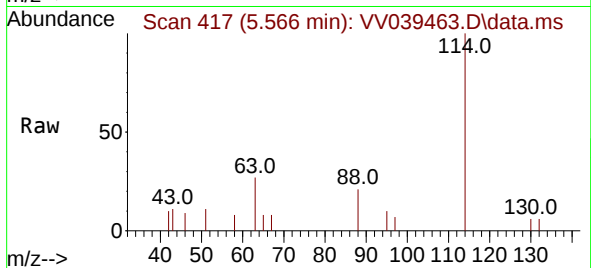
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1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. 0.000 min
Lab File: VV039463.D
Acq: 04 Dec 2025 12:21

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

Tgt Ion: 114 Resp: 623
Ion Ratio Lower Upper
114 100
63 20.1 15.0 22.4
88 15.7 12.0 18.0

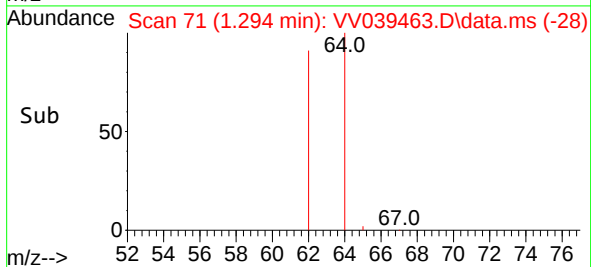
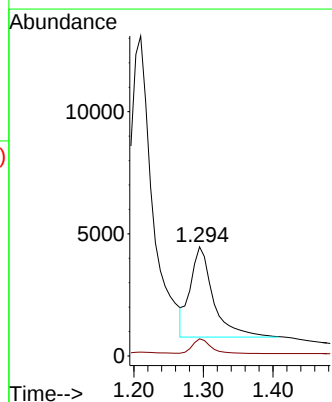
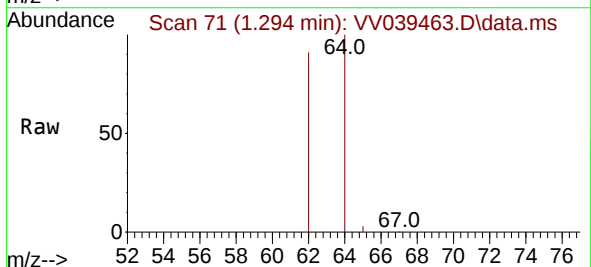
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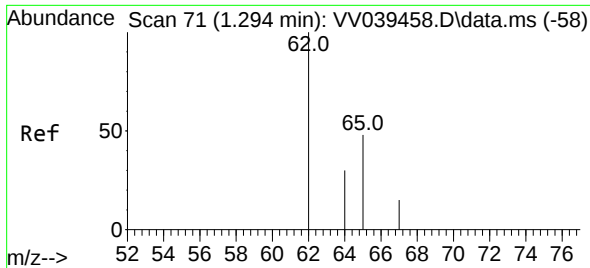
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#2
Vinyl Chloride-d3
Concen: 1.365 ug/L m
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039463.D
Acq: 04 Dec 2025 12:21

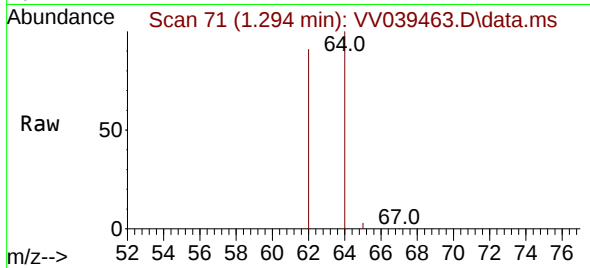
Tgt Ion: 65 Resp: 8553
Ion Ratio Lower Upper
65 100
67 13.2 22.3 41.5#





#3
 Vinyl chloride
 Concen: 21.247 ug/L
 RT: 1.294 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV039463.D
 Acq: 04 Dec 2025 12:21

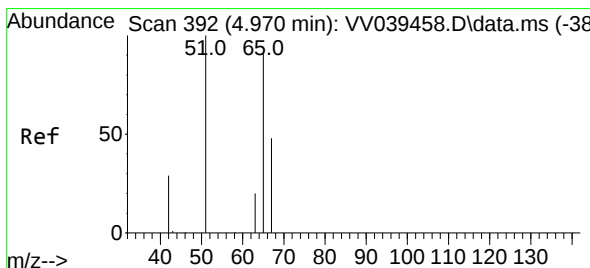
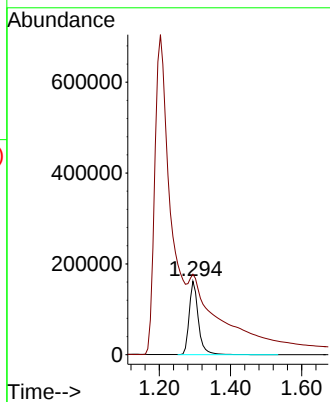
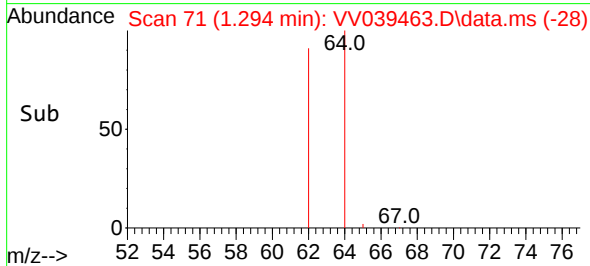
Instrument :
 MSVOA_V
 ClientSampleId :
 BR-01-190-120225-SIM



Tgt Ion: 62 Resp: 286464
 Ion Ratio Lower Upper
 62 100
 64 109.6 24.8 46.0

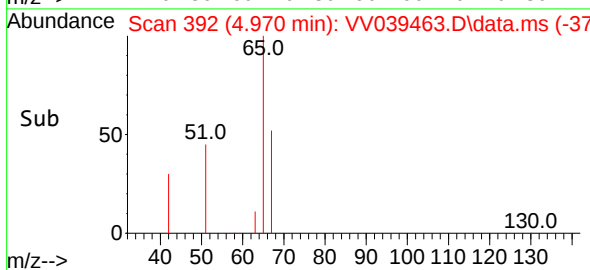
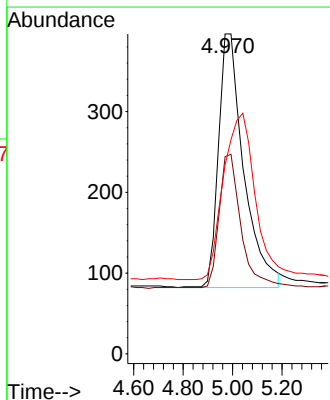
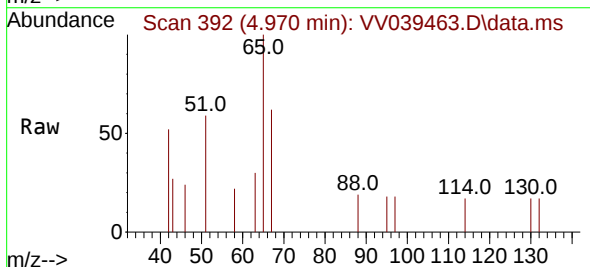
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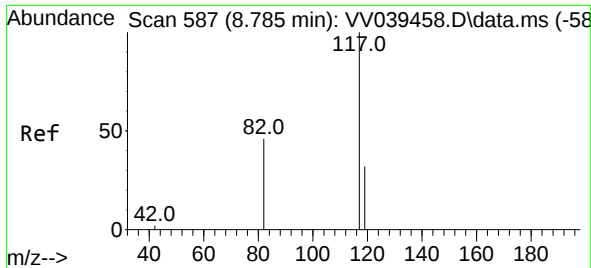
Reviewed By :John Carlone 12/10/2025
 Supervised By :Mahesh Dadoda 12/10/2025



#4
 1,2-Dichloroethane-d4
 Concen: 0.536 ug/L
 RT: 4.970 min Scan# 392
 Delta R.T. 0.000 min
 Lab File: VV039463.D
 Acq: 04 Dec 2025 12:21

Tgt Ion: 65 Resp: 2222
 Ion Ratio Lower Upper
 65 100
 67 45.1 32.5 60.3
 51 81.4 121.4 225.6





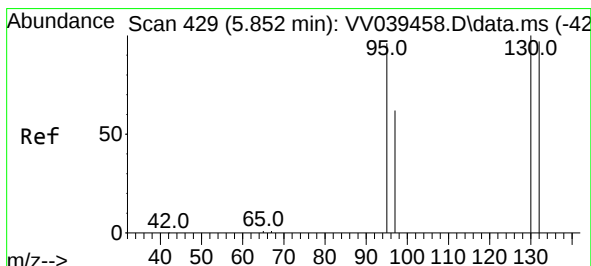
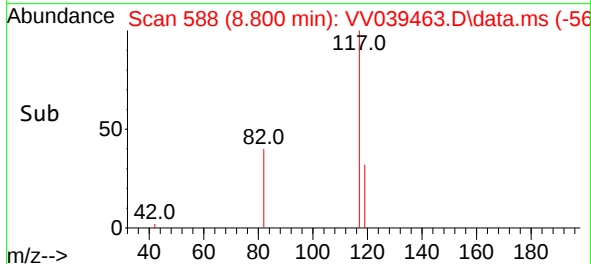
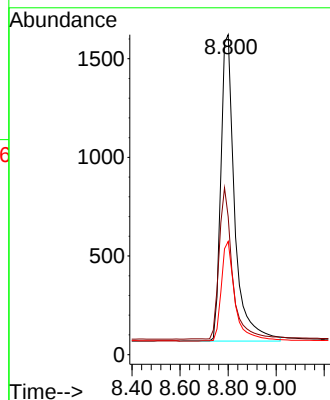
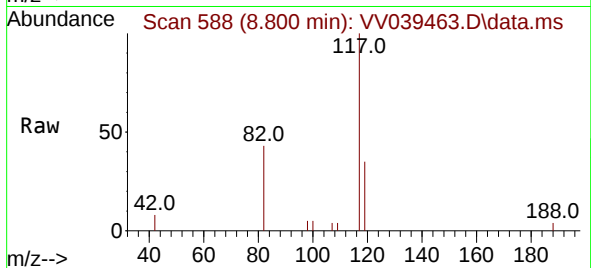
#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 51
Delta R.T. 0.016 min
Lab File: VV039463.D
Acq: 04 Dec 2025 12:21

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

Tgt Ion: 117 Resp: 623
Ion Ratio Lower Upper
117 100
82 47.6 39.4 59.2
119 32.3 26.2 39.2

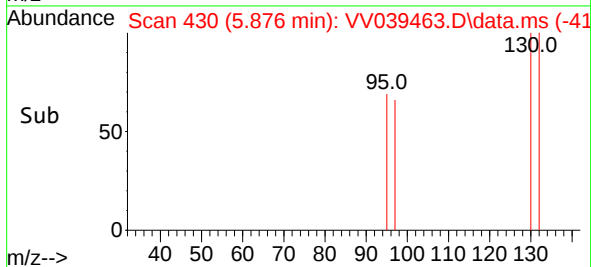
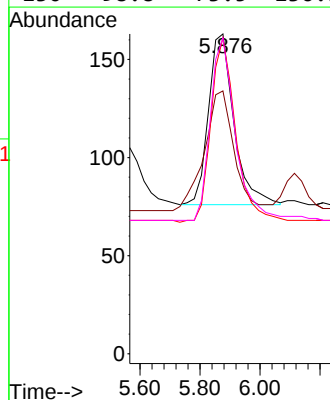
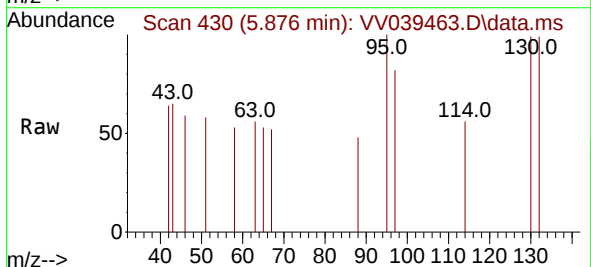
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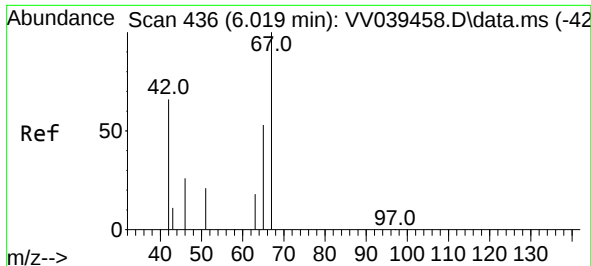
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#6
Trichloroethene
Concen: 0.066 ug/L
RT: 5.876 min Scan# 430
Delta R.T. 0.024 min
Lab File: VV039463.D
Acq: 04 Dec 2025 12:21

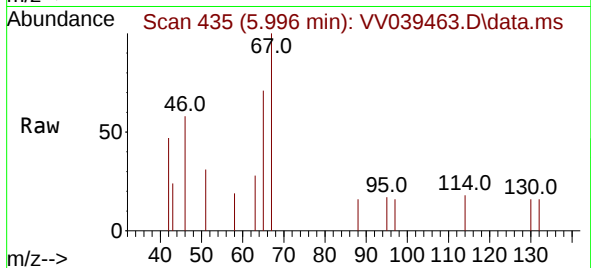
Tgt Ion: 95 Resp: 513
Ion Ratio Lower Upper
95 100
97 82.2 47.7 88.7
132 98.8 70.8 131.4
130 98.8 73.5 136.5





#7
1,2-Dichloropropane-d6
Concen: 0.416 ug/L
RT: 5.996 min Scan# 418
Delta R.T. -0.023 min
Lab File: VV039463.D
Acq: 04 Dec 2025 12:21

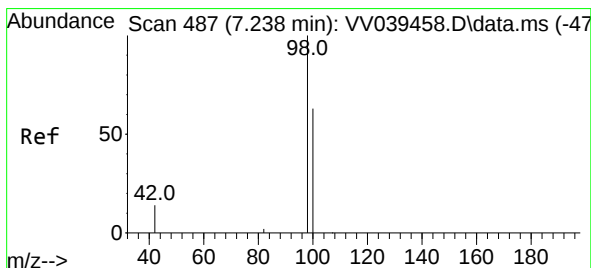
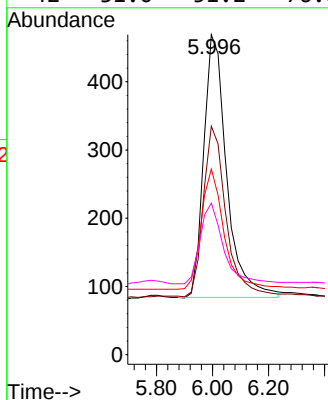
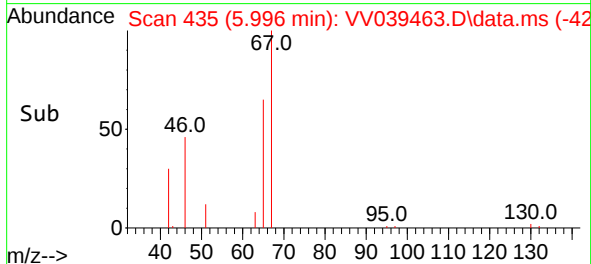
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MSVOA_V
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BR-01-190-120225-SIM



Tgt Ion:	67	Resp:	2189
Ion Ratio	100	Lower	Upper
67	100		
65	63.5	37.9	56.9
46	45.5	27.4	41.0
42	31.0	51.2	76.8

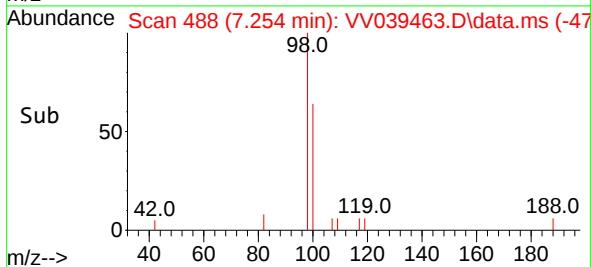
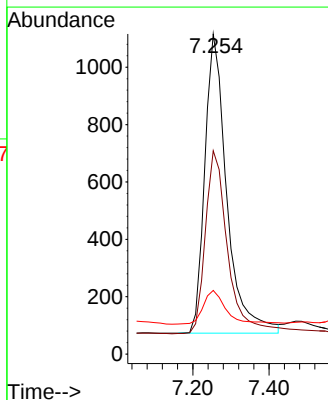
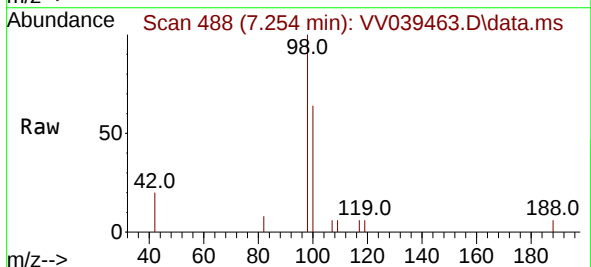
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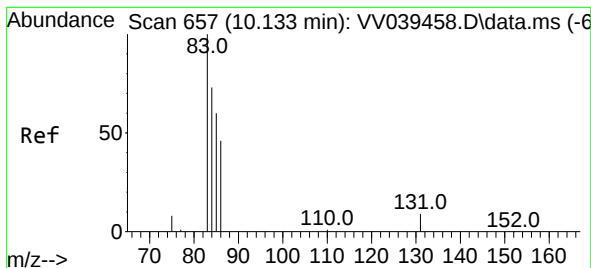
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#8
Toluene-d8
Concen: 0.472 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039463.D
Acq: 04 Dec 2025 12:21

Tgt Ion:	98	Resp:	4187
Ion Ratio	100	Lower	Upper
98	100		
100	62.7	44.5	82.7
42	12.0	10.1	18.7





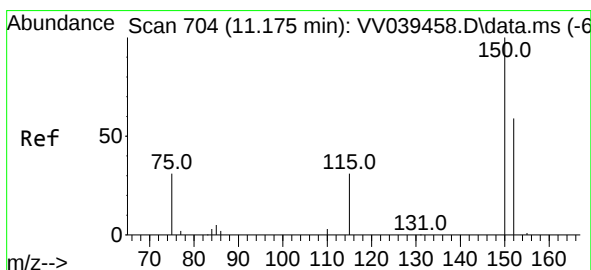
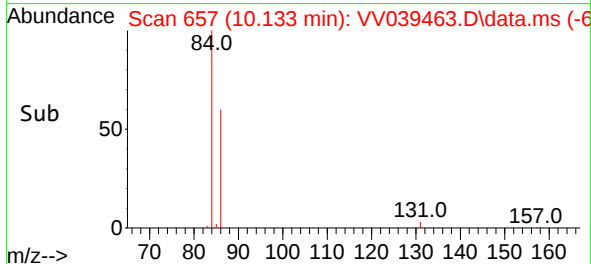
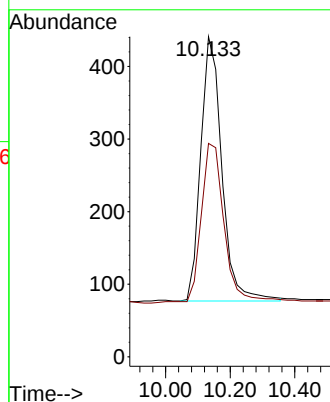
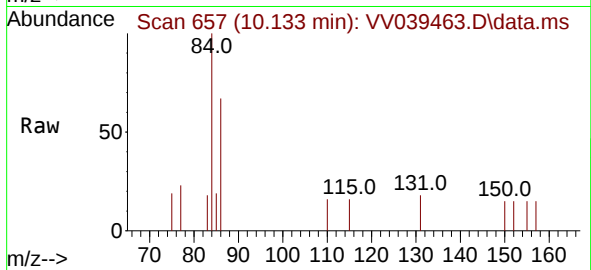
#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.558 ug/L
RT: 10.133 min Scan# 610
Delta R.T. -0.000 min
Lab File: VV039463.D
Acq: 04 Dec 2025 12:21

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

Tgt Ion: 84 Resp: 165
Ion Ratio Lower Upper
84 100
86 66.4 44.4 82.5

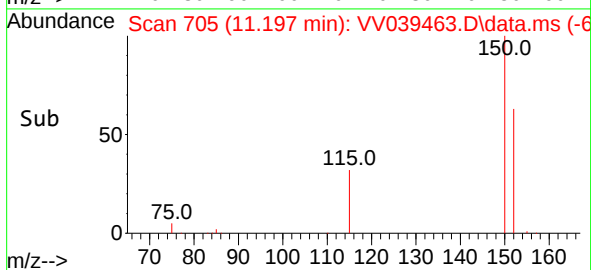
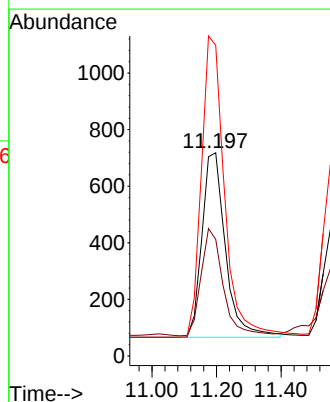
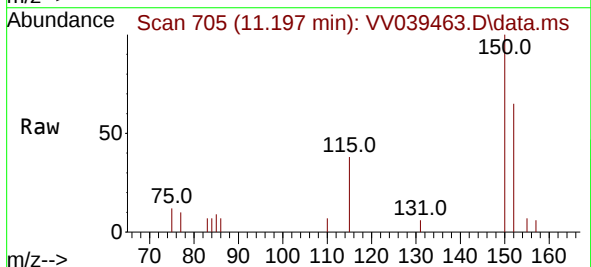
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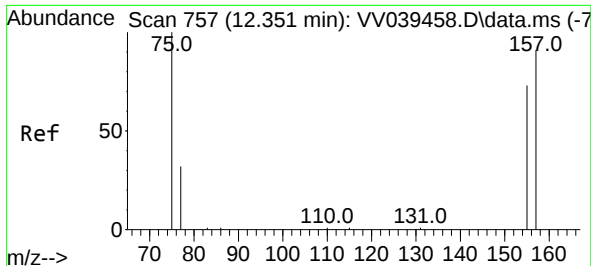
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#12
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.197 min Scan# 705
Delta R.T. 0.022 min
Lab File: VV039463.D
Acq: 04 Dec 2025 12:21

Tgt Ion:152 Resp: 3304
Ion Ratio Lower Upper
152 100
115 54.5 0.0 101.6
150 160.0 0.0 396.2





#14

1,2-Dibromo-3-chloropropane

Concen: 0.170 ug/L

RT: 12.151 min Scan# 74

Delta R.T. -0.200 min

Lab File: VV039463.D

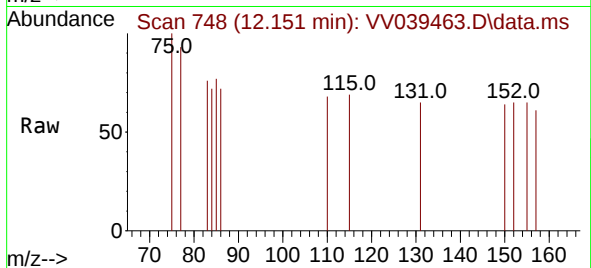
Acq: 04 Dec 2025 12:21

Instrument :

MSVOA_V

ClientSampleId :

BR-01-190-120225-SIM



Tgt Ion: 75 Resp: 120

Ion Ratio Lower Upper

75 100

157 60.7 67.8 101.6

155 65.4 61.9 92.9

Manual Integrations

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