

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120825\
 Data File : VV039495.D
 Acq On : 08 Dec 2025 16:02
 Operator : SY/MD
 Sample : Q3787-06MSD
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-15B-42.5-120425-SIMMSD

Quant Time: Dec 09 01:28:25 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	6252	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	6521	0.500	ug/L	0.00
12) 1,4-Dichlorobenzene-d4	11.175	152	3693	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3333m	0.530	ug/L	0.00
Spiked Amount 0.500	Range 40 - 130		Recovery =	106.000%		
4) 1,2-Dichloroethane-d4	4.969	65	2029	0.487	ug/L	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery =	98.000%		
7) 1,2-Dichloropropane-d6	6.019	67	2961	0.538	ug/L	0.00
Spiked Amount 0.500	Range 60 - 140		Recovery =	108.000%		
8) Toluene-d8	7.253	98	4613	0.497	ug/L	0.02
Spiked Amount 0.500	Range 70 - 130		Recovery =	100.000%		
10) 1,1,2,2-Tetrachloroeth...	10.132	84	1694	0.546	ug/L	0.00
Spiked Amount 0.500	Range 65 - 120		Recovery =	110.000%		
Target Compounds						
3) Vinyl chloride	1.294	62	20546	1.519	ug/L #	1
6) Trichloroethene	5.828	95	53118	6.572	ug/L	97
9) 1,2-Dibromoethane	8.290	107	2608	0.488	ug/L	98
11) 1,1,2,2-Tetrachloroethane	10.155	83	3585	0.548	ug/L #	99
13) 1,2,3-Trichloropropane	10.199	75	2031	0.523	ug/L	96
14) 1,2-Dibromo-3-chloropr...	12.350	75	387	0.492	ug/L	100

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

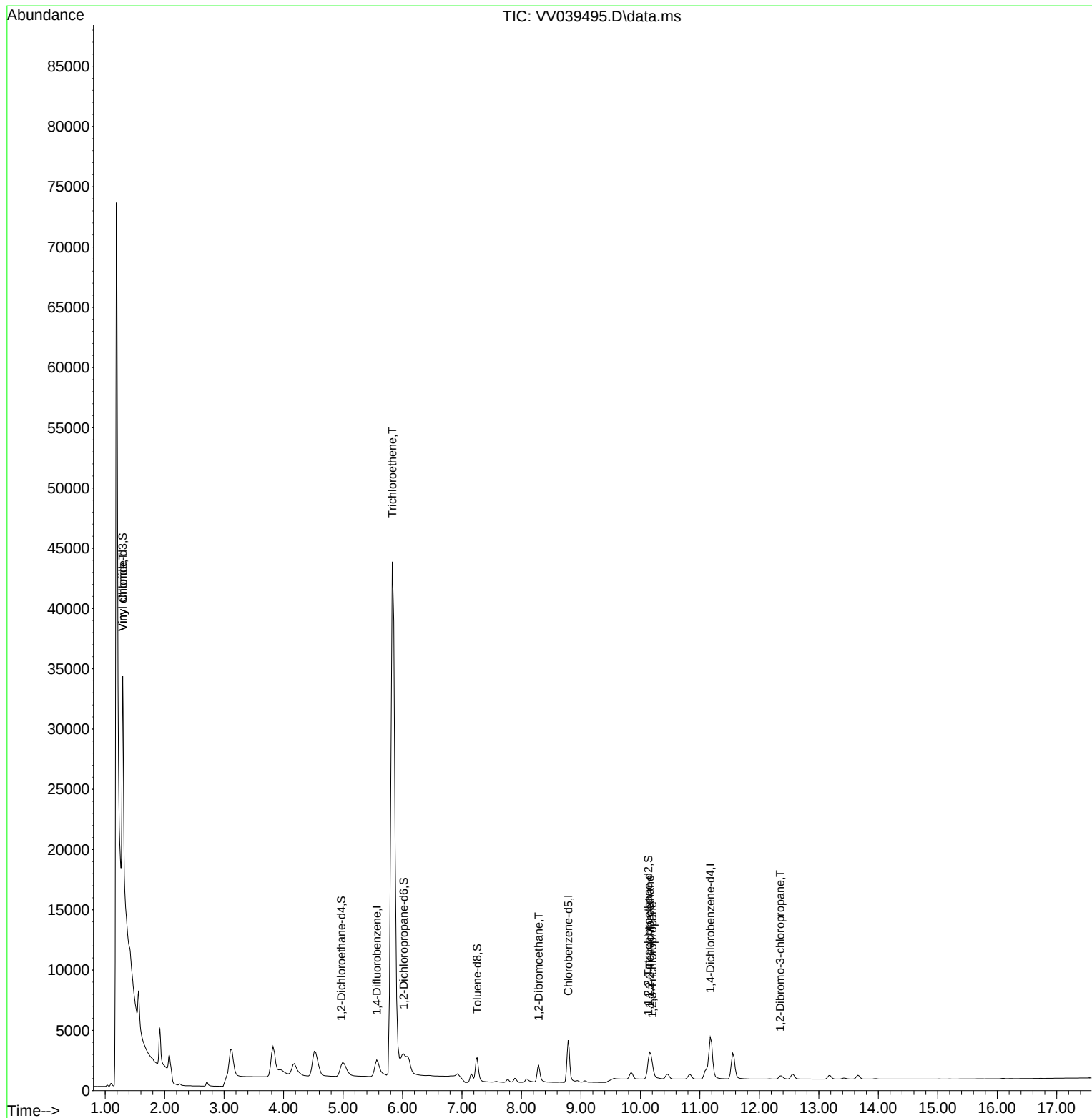
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120825\
Data File : VV039495.D
Acq On : 08 Dec 2025 16:02
Operator : SY/MD
Sample : Q3787-06MSD
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

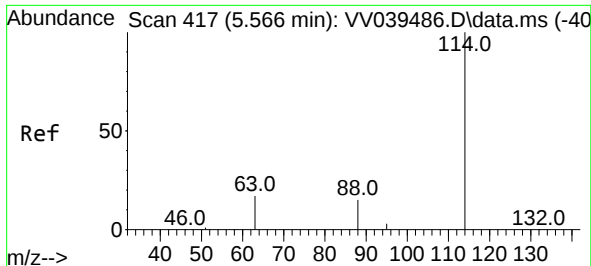
Instrument :
MSVOA_V
ClientSampleId :
MW-15B-42.5-120425-SIMMSD

Quant Time: Dec 09 01:28:25 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

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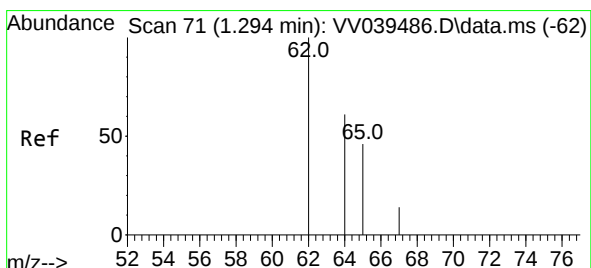
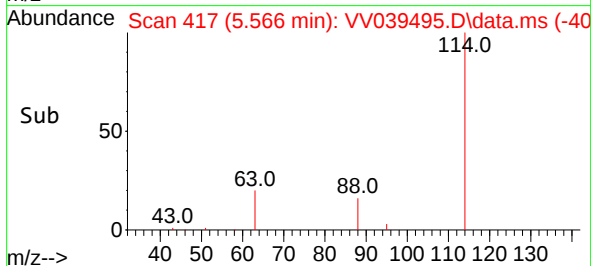
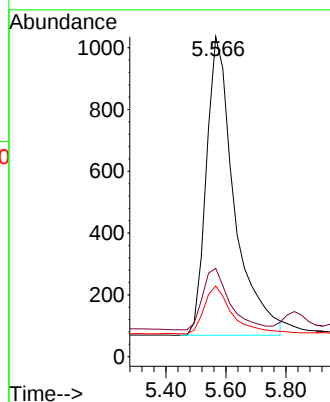
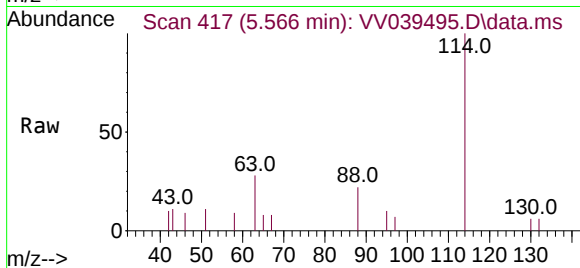
#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. -0.000 min
Lab File: VV039495.D
Acq: 08 Dec 2025 16:02

Instrument : MSVOA_V
ClientSampleId : MW-15B-42.5-120425-SIMMSD

Tgt Ion: 114 Resp: 6252
Ion Ratio Lower Upper
114 100
63 19.8 15.0 22.4
88 15.9 12.0 18.0

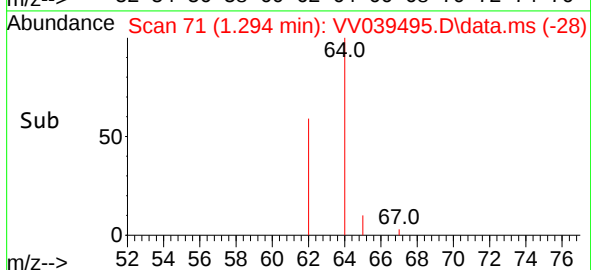
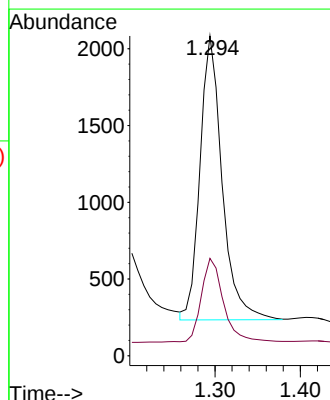
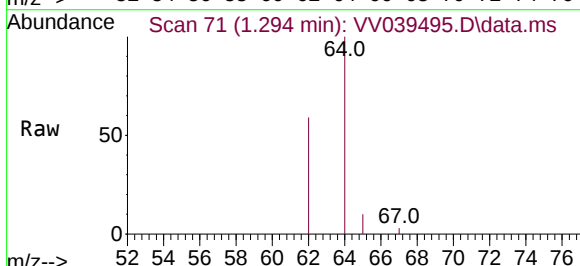
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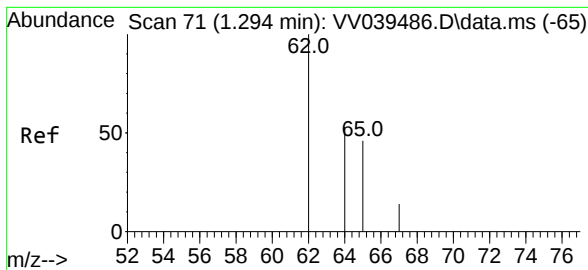
Reviewed By : John Carlone 12/10/2025
Supervised By : Mahesh Dadoda 12/10/2025



#2
Vinyl Chloride-d3
Concen: 0.530 ug/L m
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039495.D
Acq: 08 Dec 2025 16:02

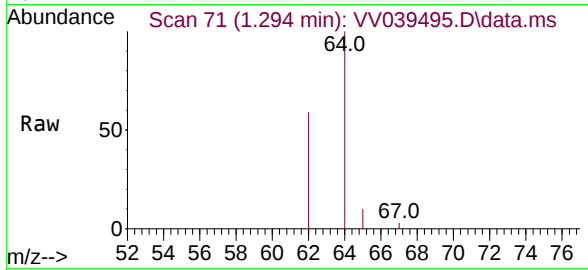
Tgt Ion: 65 Resp: 3333
Ion Ratio Lower Upper
65 100
67 30.1 22.3 41.5





#3
 Vinyl chloride
 Concen: 1.519 ug/L
 RT: 1.294 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV039495.D
 Acq: 08 Dec 2025 16:02

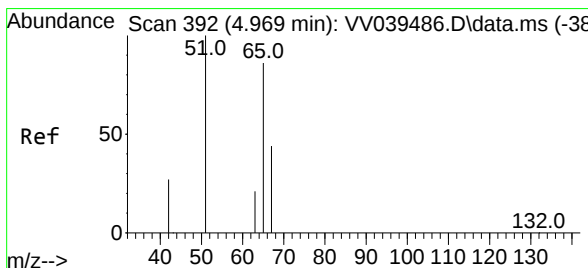
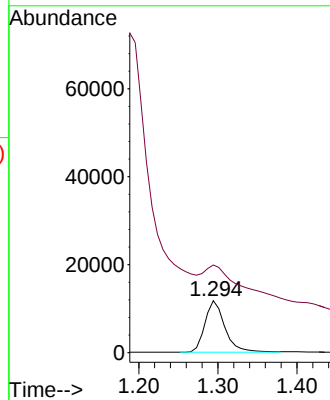
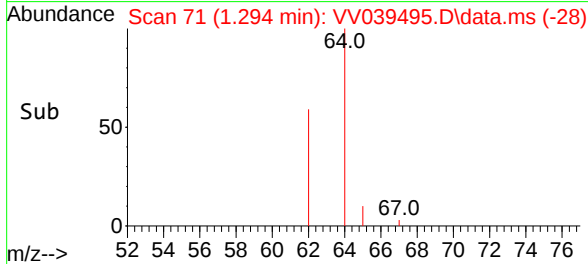
Instrument : MSVOA_V
 ClientSampleId : MW-15B-42.5-120425-SIMMSD



Tgt Ion: 62 Resp: 20546
 Ion Ratio Lower Upper
 62 100
 64 168.9 24.8 46.0

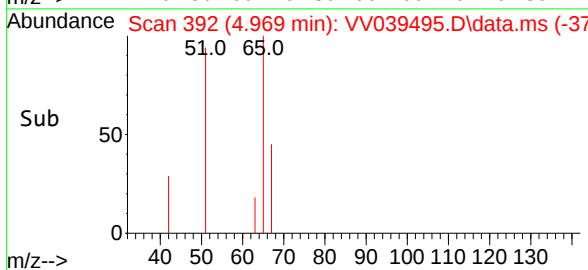
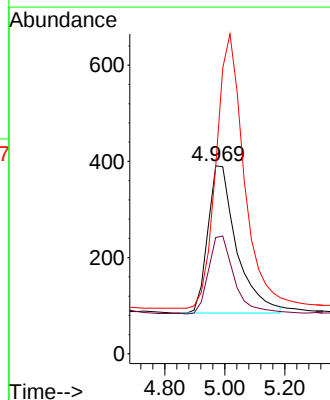
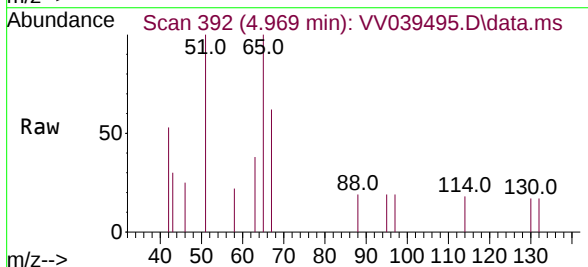
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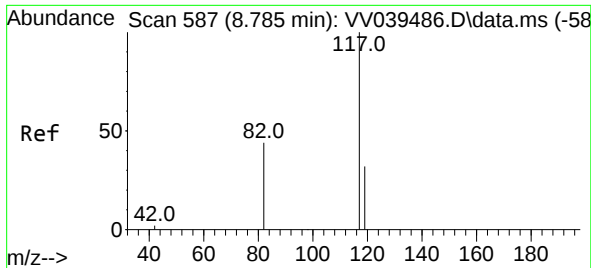
Reviewed By :John Carlone 12/10/2025
 Supervised By :Mahesh Dadoda 12/10/2025



#4
 1,2-Dichloroethane-d4
 Concen: 0.487 ug/L
 RT: 4.969 min Scan# 392
 Delta R.T. 0.000 min
 Lab File: VV039495.D
 Acq: 08 Dec 2025 16:02

Tgt Ion: 65 Resp: 2029
 Ion Ratio Lower Upper
 65 100
 67 47.8 32.5 60.3
 51 180.8 121.4 225.6





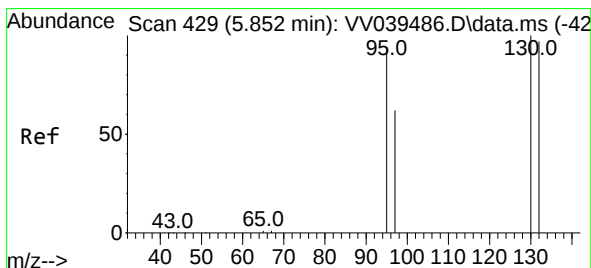
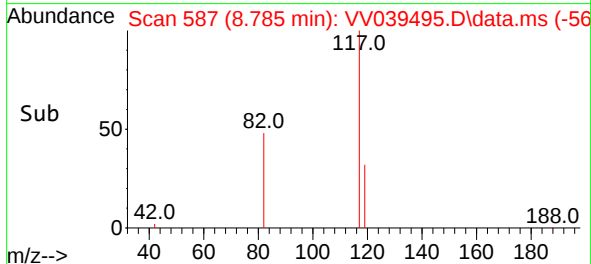
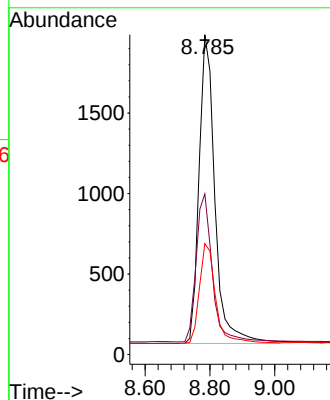
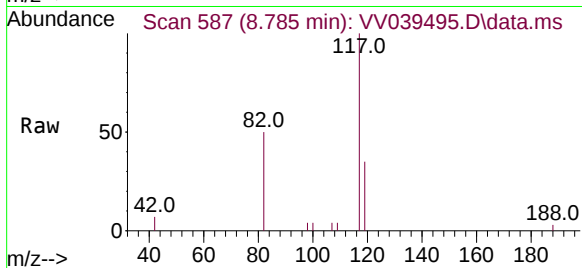
#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 587
Delta R.T. -0.000 min
Lab File: VV039495.D
Acq: 08 Dec 2025 16:02

Instrument : MSVOA_V
ClientSampleId : MW-15B-42.5-120425-SIMMSD

Tgt Ion:	117	Resp:	652
Ion	Ratio	Lower	Upper
117	100		
82	48.7	39.4	59.2
119	33.0	26.2	39.2

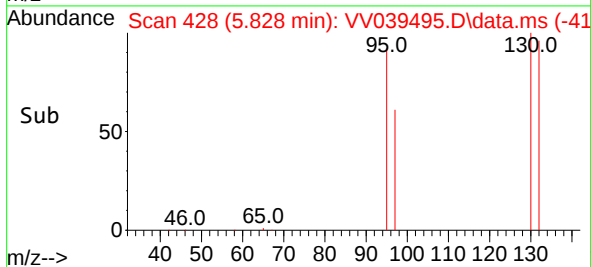
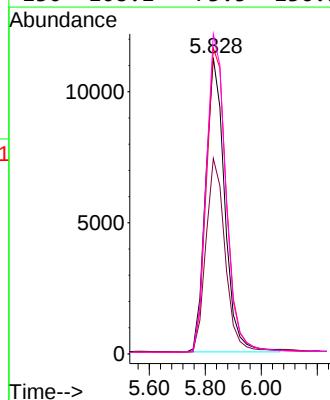
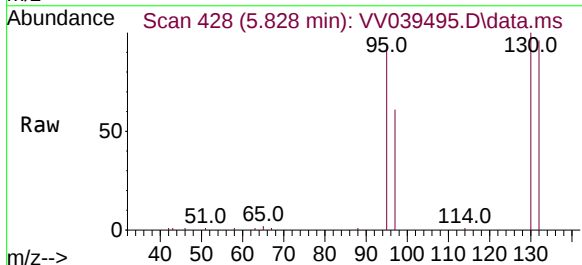
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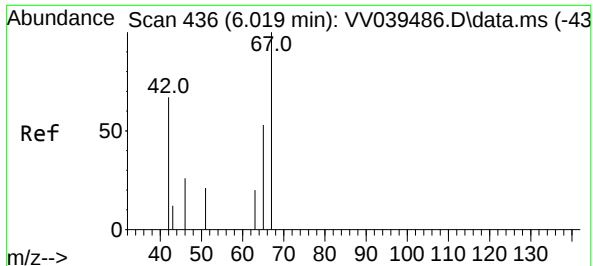
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#6
Trichloroethene
Concen: 6.572 ug/L
RT: 5.828 min Scan# 428
Delta R.T. -0.024 min
Lab File: VV039495.D
Acq: 08 Dec 2025 16:02

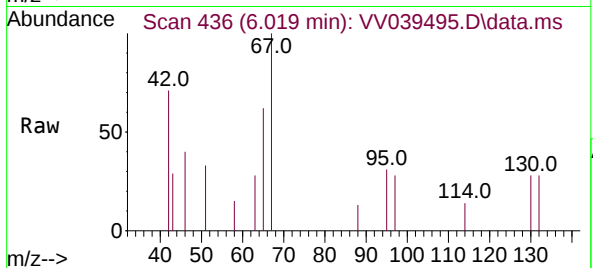
Tgt Ion:	95	Resp:	53118
Ion	Ratio	Lower	Upper
95	100		
97	66.0	47.7	88.7
132	103.3	70.8	131.4
130	108.1	73.5	136.5





#7
1,2-Dichloropropane-d6
Concen: 0.538 ug/L
RT: 6.019 min Scan# 436
Delta R.T. 0.000 min
Lab File: VV039495.D
Acq: 08 Dec 2025 16:02

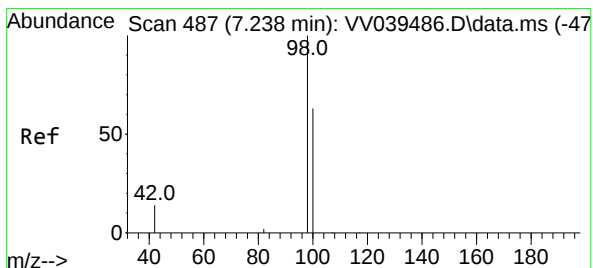
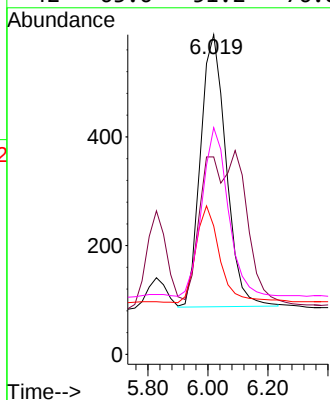
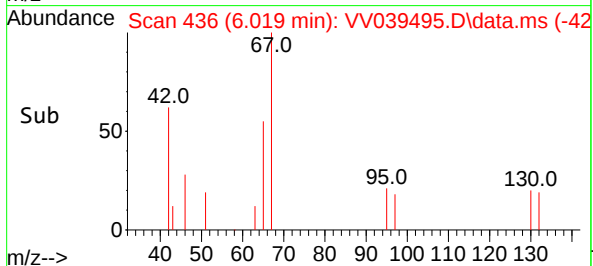
Instrument :
MSVOA_V
ClientSampleId :
MW-15B-42.5-120425-SIMMSD



Tgt Ion: 67 Resp: 2961
Ion Ratio Lower Upper
67 100
65 45.5 37.9 56.9
46 32.6 27.4 41.0
42 63.6 51.2 76.8

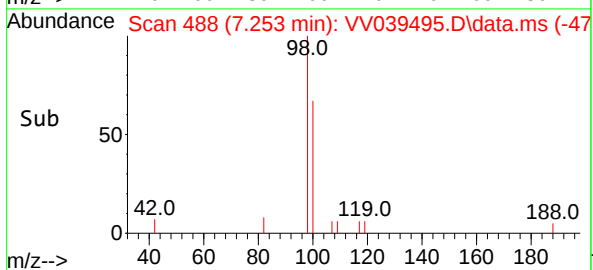
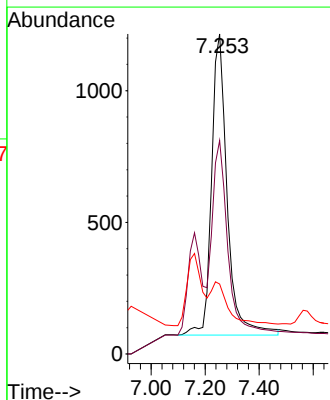
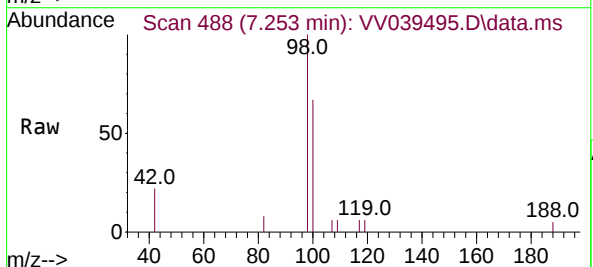
Manual Integrations
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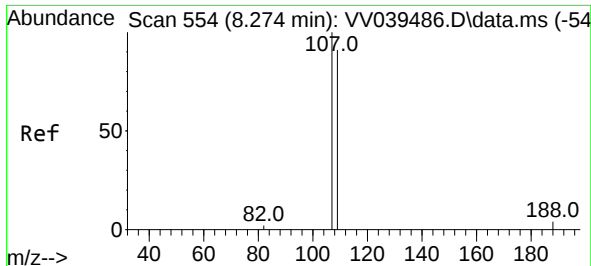
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#8
Toluene-d8
Concen: 0.497 ug/L
RT: 7.253 min Scan# 488
Delta R.T. 0.015 min
Lab File: VV039495.D
Acq: 08 Dec 2025 16:02

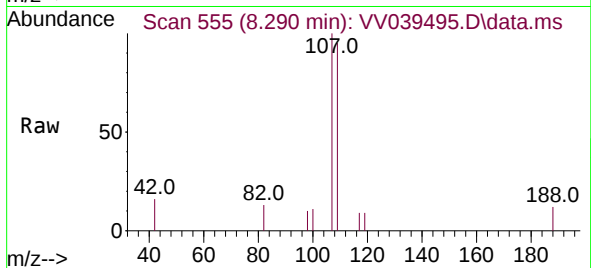
Tgt Ion: 98 Resp: 4613
Ion Ratio Lower Upper
98 100
100 60.7 44.5 82.7
42 15.3 10.1 18.7





#9
1,2-Dibromoethane
Concen: 0.488 ug/L
RT: 8.290 min Scan# 511
Delta R.T. -0.000 min
Lab File: VV039495.D
Acq: 08 Dec 2025 16:02

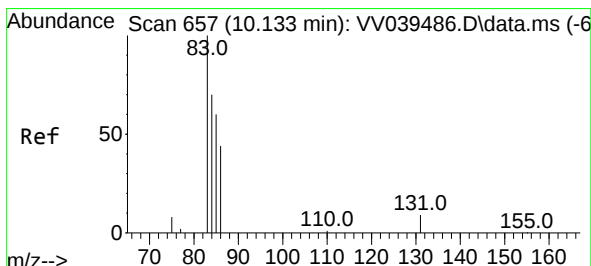
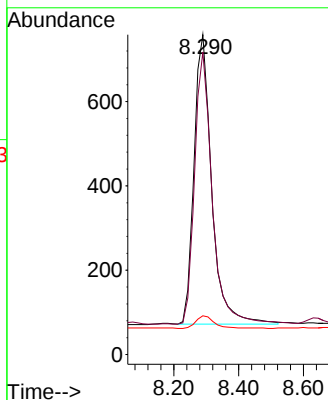
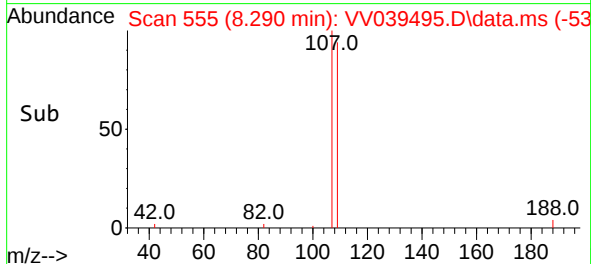
Instrument :
MSVOA_V
ClientSampleId :
MW-15B-42.5-120425-SIMMSD



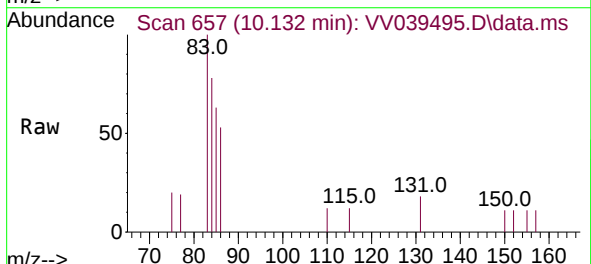
Tgt Ion:107 Resp: 2608
Ion Ratio Lower Upper
107 100
109 94.6 67.4 125.2
188 12.1 9.4 14.0

Manual Integrations
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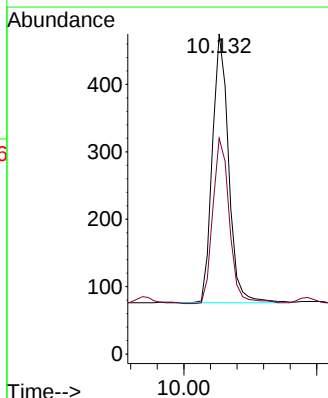
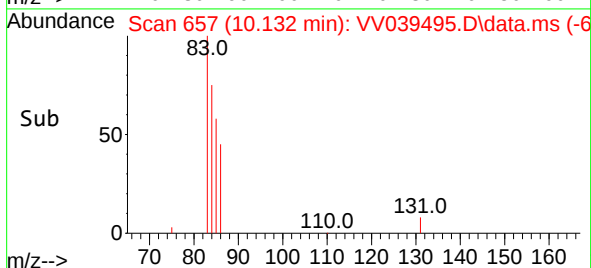
Reviewed By :John Carlone 12/10/2025
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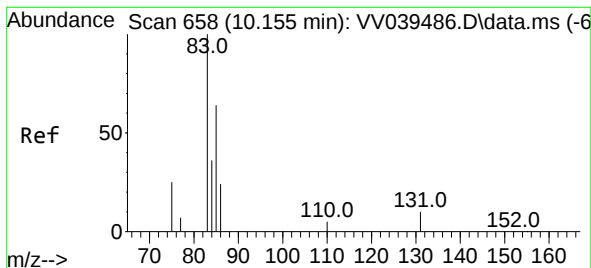


#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.546 ug/L
RT: 10.132 min Scan# 657
Delta R.T. -0.001 min
Lab File: VV039495.D
Acq: 08 Dec 2025 16:02



Tgt Ion: 84 Resp: 1694
Ion Ratio Lower Upper
84 100
86 62.9 44.4 82.5





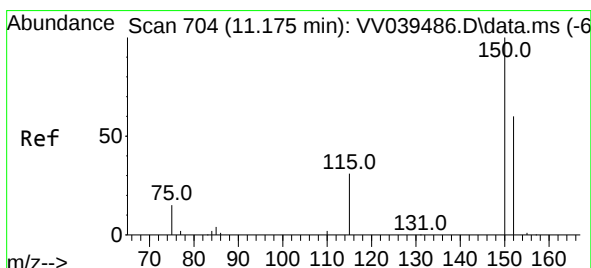
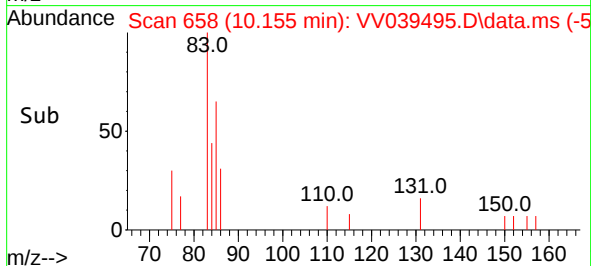
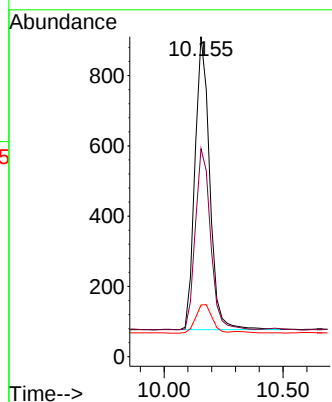
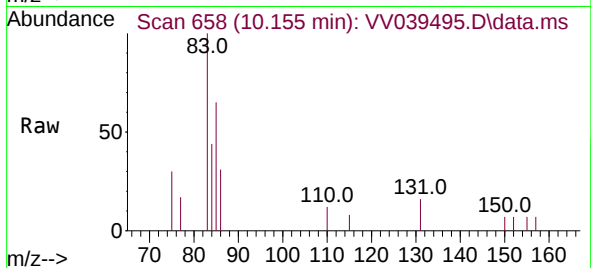
#11
1,1,2,2-Tetrachloroethane
Concen: 0.548 ug/L
RT: 10.155 min Scan# 658
Delta R.T. -0.000 min
Lab File: VV039495.D
Acq: 08 Dec 2025 16:02

Instrument : MSVOA_V
ClientSampleId : MW-15B-42.5-120425-SIMMSD

Tgt Ion: 83	Resp: 3585
Ion Ratio	Lower Upper
83 100	
85 63.5	51.0 76.6
131 13.6	8.6 12.8

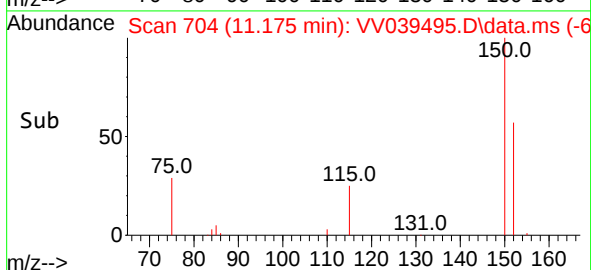
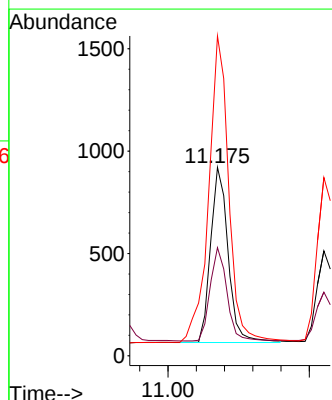
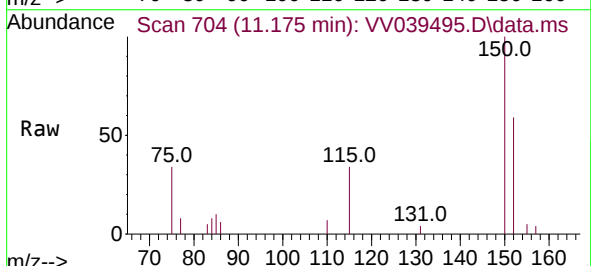
Manual Integrations
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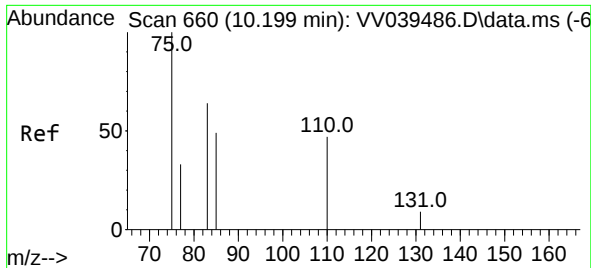
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#12
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.175 min Scan# 704
Delta R.T. -0.000 min
Lab File: VV039495.D
Acq: 08 Dec 2025 16:02

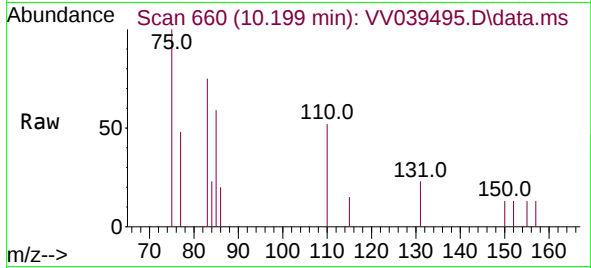
Tgt Ion:152	Resp:	3693	
Ion	Ratio	Lower	Upper
152	100		
115	51.0	0.0	101.6
150	199.9	0.0	396.2





#13
1,2,3-Trichloropropane
Concen: 0.523 ug/L
RT: 10.199 min Scan# 660
Delta R.T. -0.000 min
Lab File: VV039495.D
Acq: 08 Dec 2025 16:02

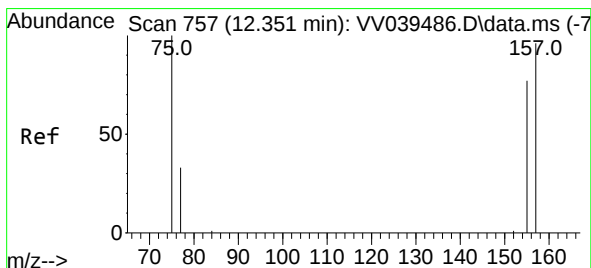
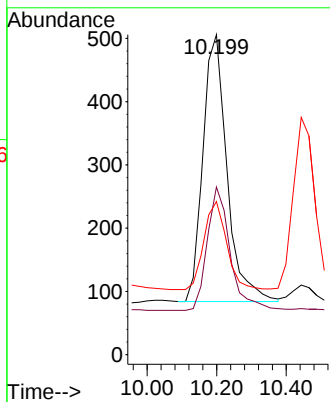
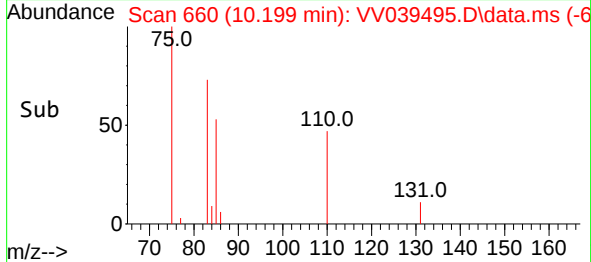
Instrument :
MSVOA_V
ClientSampleId :
MW-15B-42.5-120425-SIMMSD



Tgt Ion: 75 Resp: 203
Ion Ratio Lower Upper
75 100
110 44.1 37.8 56.6
77 30.9 25.6 38.4

Manual Integrations
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Supervised By :Mahesh Dadoda 12/10/2025



#14
1,2-Dibromo-3-chloropropane
Concen: 0.492 ug/L
RT: 12.350 min Scan# 757
Delta R.T. -0.000 min
Lab File: VV039495.D
Acq: 08 Dec 2025 16:02

Tgt Ion: 75 Resp: 387
Ion Ratio Lower Upper
75 100
157 84.6 67.8 101.6
155 76.9 61.9 92.9

