

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120325\
 Data File : VV039450.D
 Acq On : 03 Dec 2025 12:18
 Operator : SY/MD
 Sample : VSTD00274
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD002274

Quant Time: Dec 04 00:45:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 04 00:43:25 2025
 Response via : Initial Calibration

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

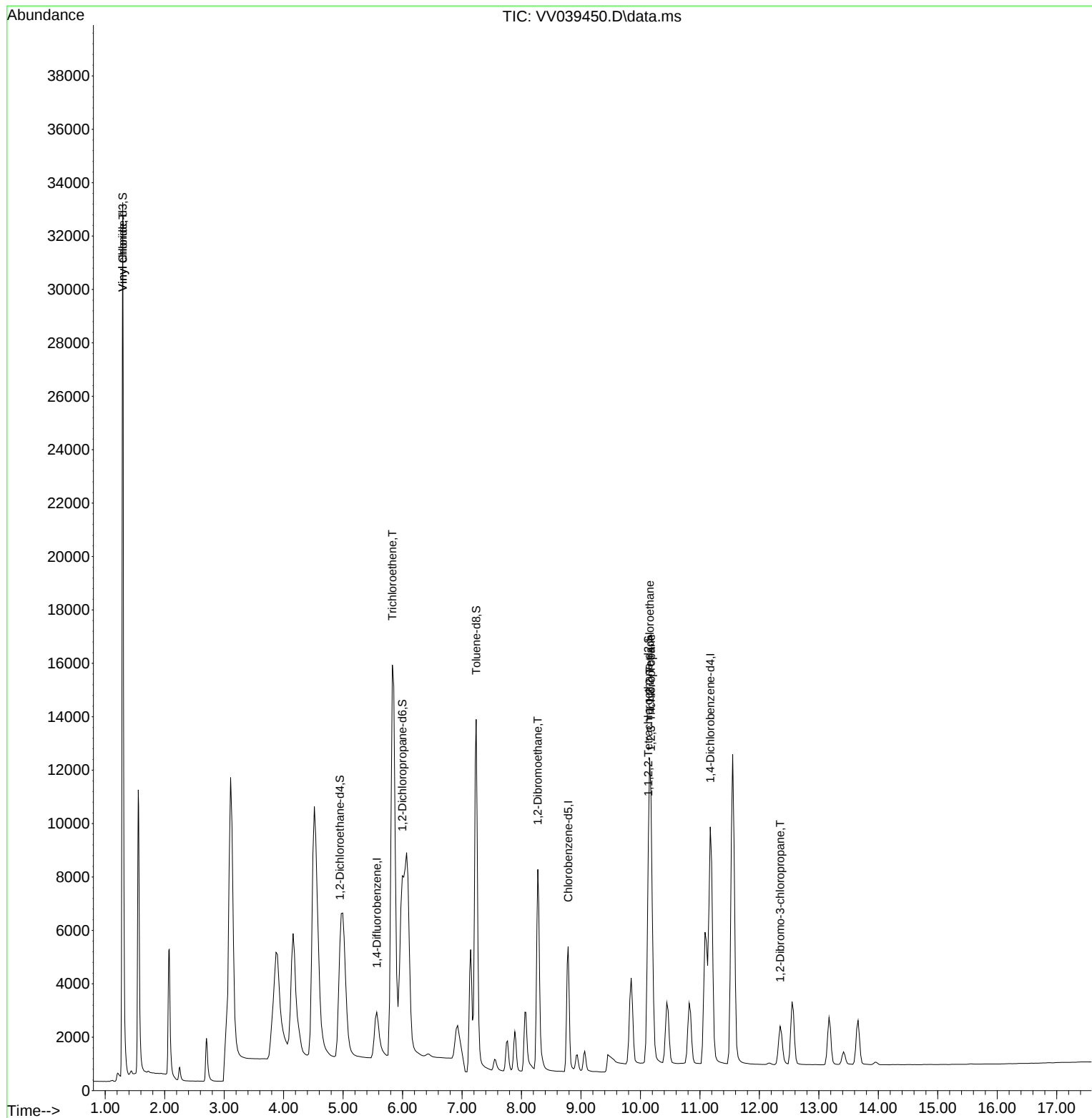
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	7834	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	8272	0.500	ug/L	0.00
12) 1,4-Dichlorobenzene-d4	11.175	152	5508	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	14351	1.822	ug/L	0.00
4) 1,2-Dichloroethane-d4	4.945	65	9034	1.732	ug/L	-0.02
7) 1,2-Dichloropropane-d6	5.995	67	13949	1.999	ug/L	-0.02
8) Toluene-d8	7.238	98	26635	2.253	ug/L	0.00
10) 1,1,2,2-Tetrachloroeth...	10.133	84	7263	1.847	ug/L	0.00
Target Compounds						
						Qvalue
3) Vinyl chloride	1.294	62	29754	1.755	ug/L	96
6) Trichloroethene	5.828	95	19698	1.964	ug/L	98
9) 1,2-Dibromoethane	8.274	107	12808	1.891	ug/L #	96
11) 1,1,2,2-Tetrachloroethane	10.155	83	16091	1.939	ug/L	98
13) 1,2,3-Trichloropropane	10.177	75	10588	1.879	ug/L	91
14) 1,2-Dibromo-3-chloropr...	12.350	75	1899	1.618	ug/L #	75

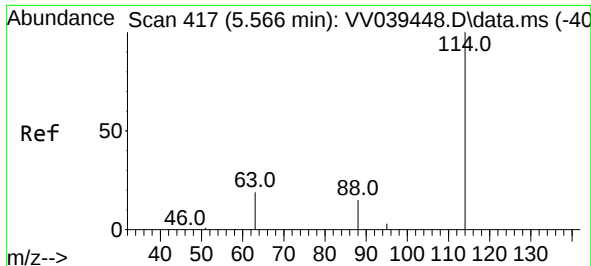
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

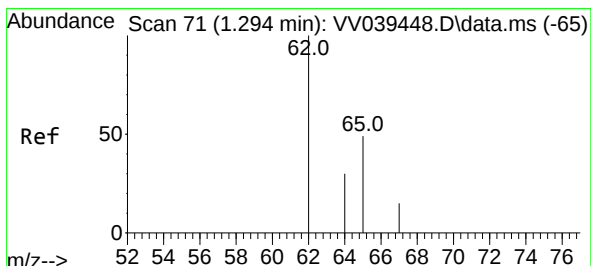
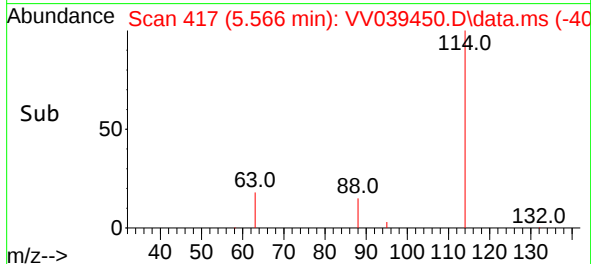
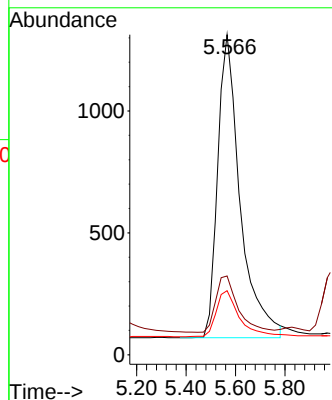
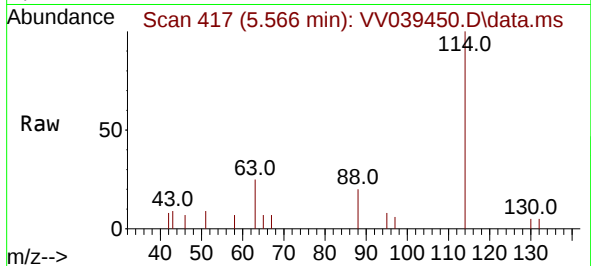




#1
 1,4-Difluorobenzene
 Concen: 0.500 ug/L
 RT: 5.566 min Scan# 417
 Delta R.T. -0.000 min
 Lab File: VV039450.D
 Acq: 03 Dec 2025 12:18

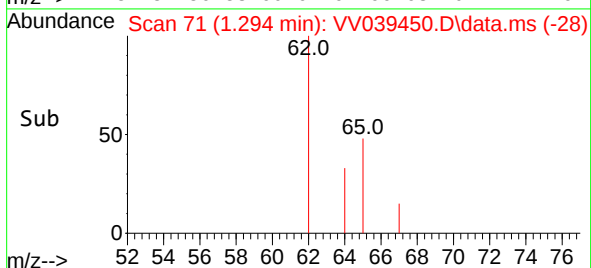
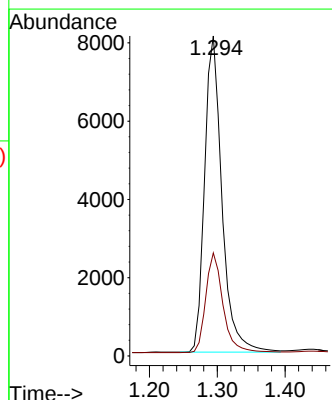
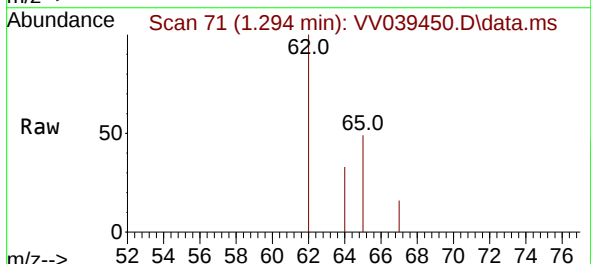
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD002274

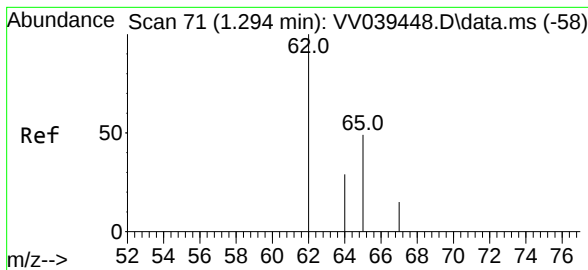
Tgt Ion:114 Resp: 7834
 Ion Ratio Lower Upper
 114 100
 63 18.4 15.0 22.4
 88 15.5 12.0 18.0



#2
 Vinyl Chloride-d3
 Concen: 1.822 ug/L
 RT: 1.294 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VV039450.D
 Acq: 03 Dec 2025 12:18

Tgt Ion: 65 Resp: 14351
 Ion Ratio Lower Upper
 65 100
 67 31.5 22.3 41.5

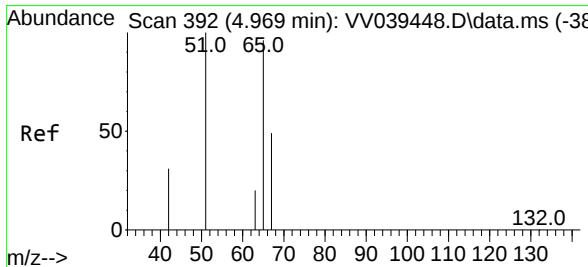
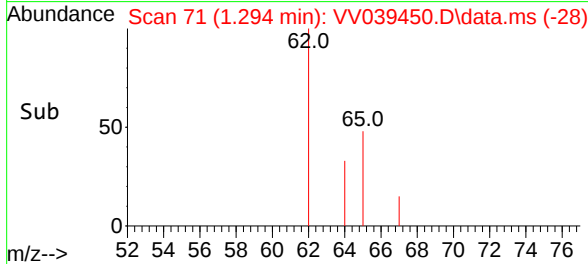
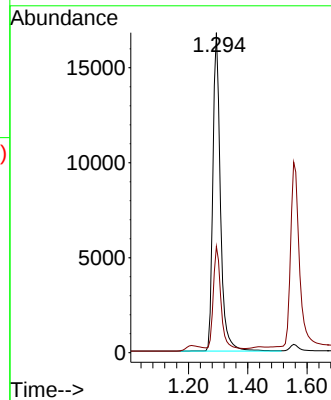
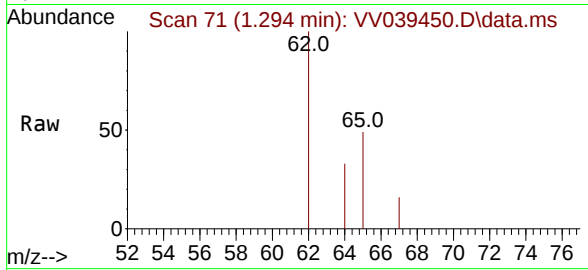




#3
 Vinyl chloride
 Concen: 1.755 ug/L
 RT: 1.294 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VV039450.D
 Acq: 03 Dec 2025 12:18

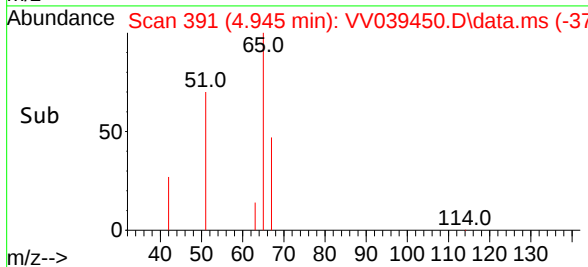
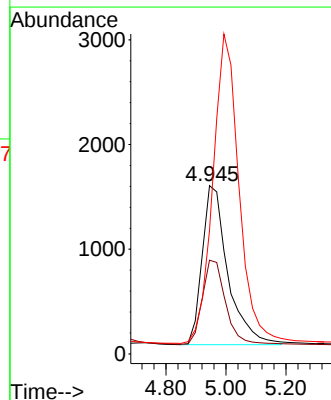
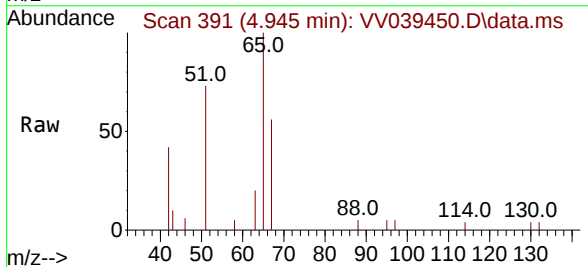
Instrument :
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 ClientSampleId :
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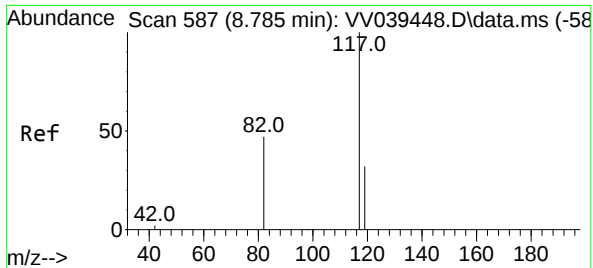
Tgt Ion: 62 Resp: 29754
 Ion Ratio Lower Upper
 62 100
 64 33.2 24.8 46.0



#4
 1,2-Dichloroethane-d4
 Concen: 1.732 ug/L
 RT: 4.945 min Scan# 391
 Delta R.T. -0.024 min
 Lab File: VV039450.D
 Acq: 03 Dec 2025 12:18

Tgt Ion: 65 Resp: 9034
 Ion Ratio Lower Upper
 65 100
 67 47.2 32.5 60.3
 51 197.3 121.4 225.6

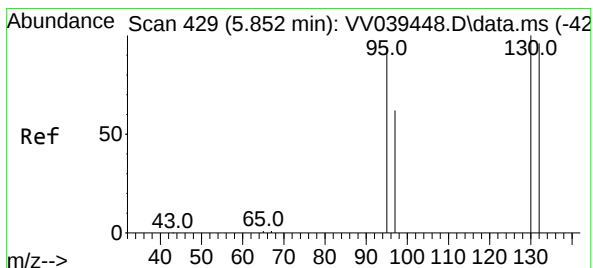
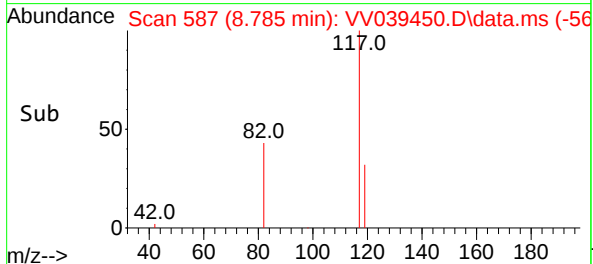
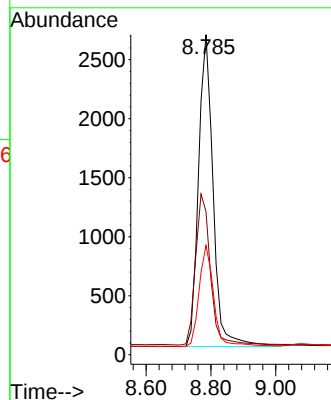
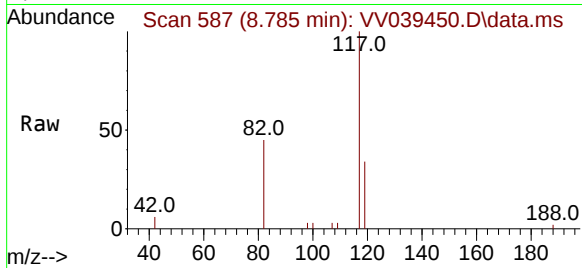




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV039450.D
Acq: 03 Dec 2025 12:18

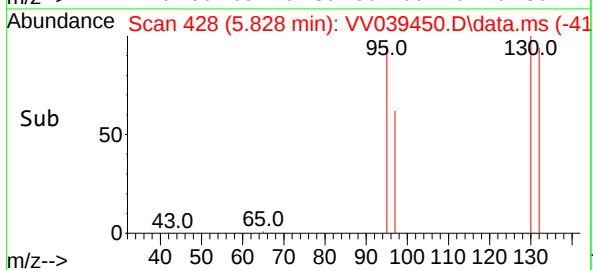
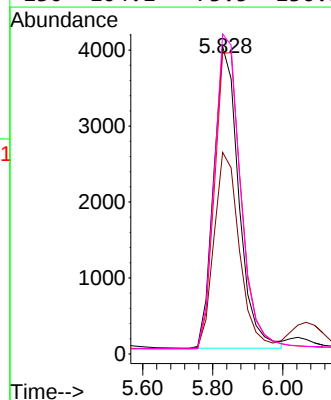
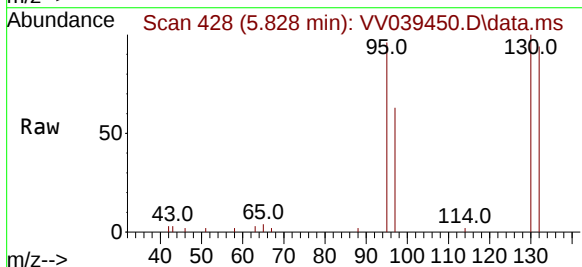
Instrument :
MSVOA_V
ClientSampleId :
VSTD002274

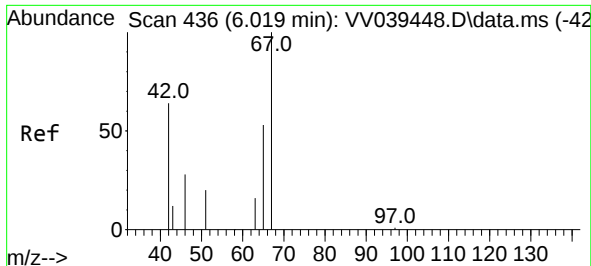
Tgt Ion:	117	Resp:	8272
Ion	Ratio	Lower	Upper
117	100		
82	48.9	39.4	59.2
119	32.3	26.2	39.2



#6
Trichloroethene
Concen: 1.964 ug/L
RT: 5.828 min Scan# 428
Delta R.T. -0.024 min
Lab File: VV039450.D
Acq: 03 Dec 2025 12:18

Tgt Ion:	95	Resp:	19698
Ion	Ratio	Lower	Upper
95	100		
97	65.6	47.7	88.7
132	97.8	70.8	131.4
130	104.1	73.5	136.5

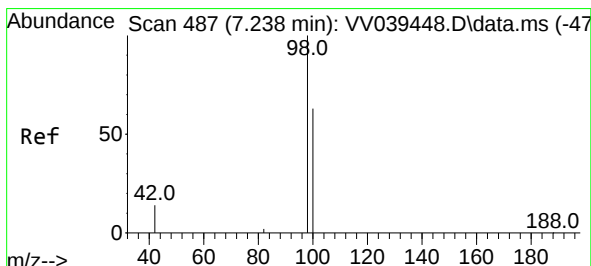
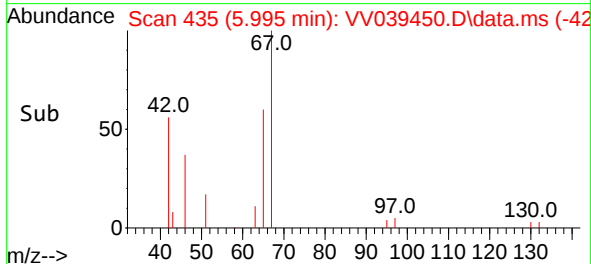
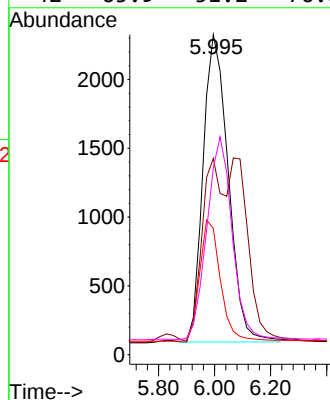
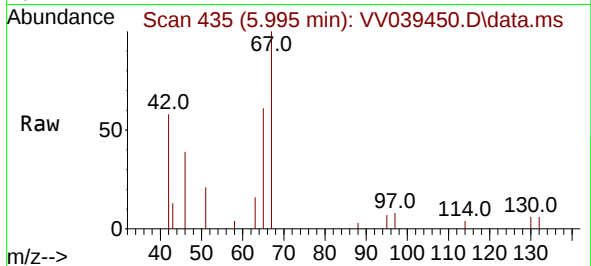




#7
1,2-Dichloropropane-d6
Concen: 1.999 ug/L
RT: 5.995 min Scan# 41
Delta R.T. -0.024 min
Lab File: VV039450.D
Acq: 03 Dec 2025 12:18

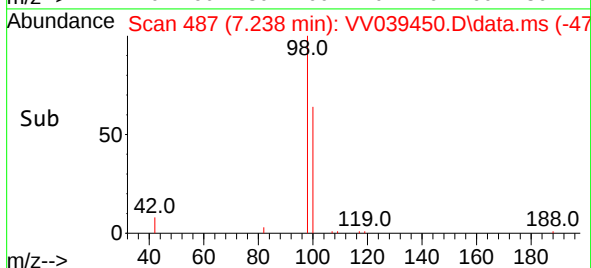
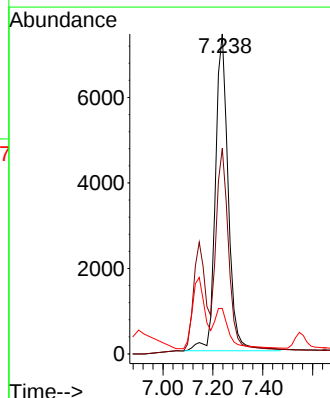
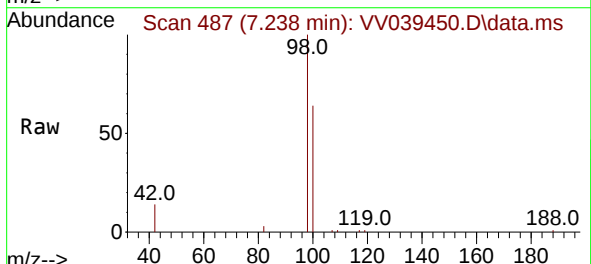
Instrument :
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ClientSampleId :
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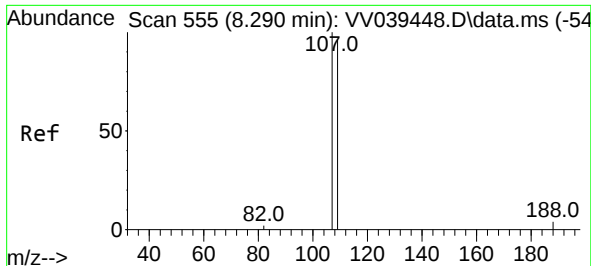
Tgt Ion:	67	Resp:	13949
Ion	Ratio	Lower	Upper
67	100		
65	55.2	37.9	56.9
46	32.6	27.4	41.0
42	65.9	51.2	76.8



#8
Toluene-d8
Concen: 2.253 ug/L
RT: 7.238 min Scan# 487
Delta R.T. -0.000 min
Lab File: VV039450.D
Acq: 03 Dec 2025 12:18

Tgt Ion:	98	Resp:	26635
Ion	Ratio	Lower	Upper
98	100		
100	60.6	44.5	82.7
42	13.8	10.1	18.7

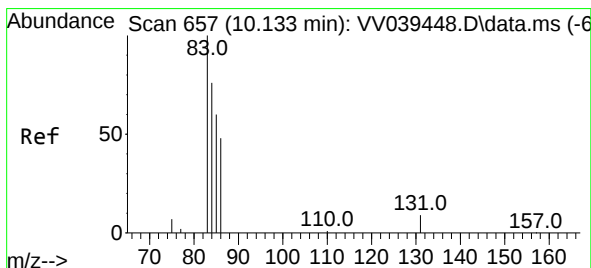
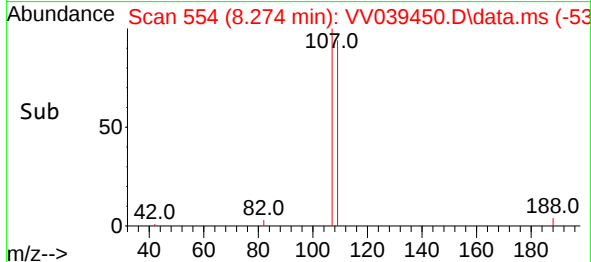
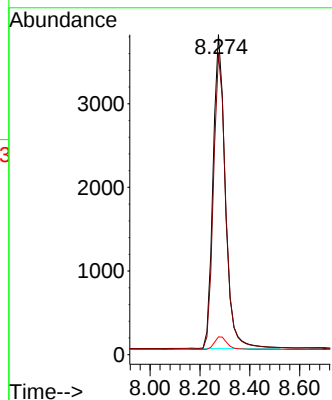
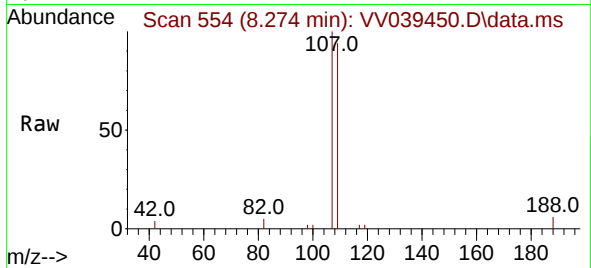




#9
 1,2-Dibromoethane
 Concen: 1.891 ug/L
 RT: 8.274 min Scan# 511
 Delta R.T. -0.016 min
 Lab File: VV039450.D
 Acq: 03 Dec 2025 12:18

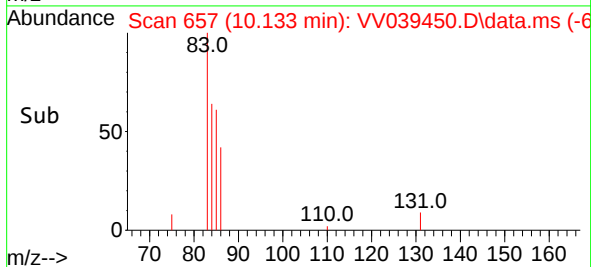
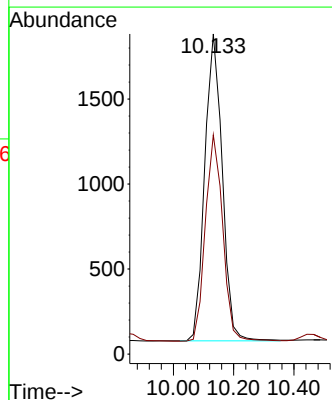
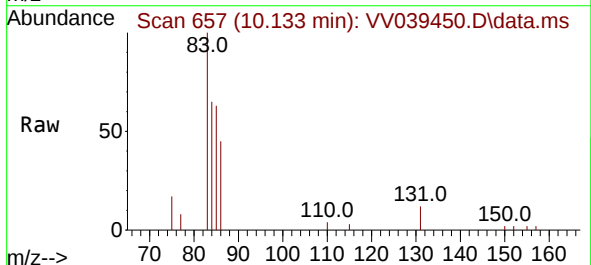
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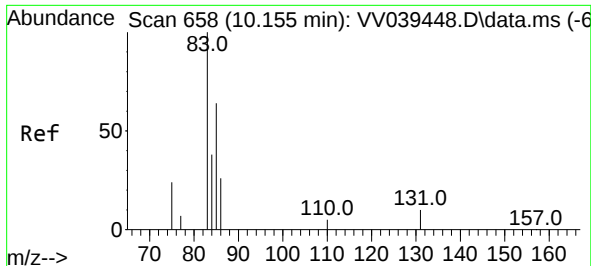
Tgt Ion:107 Resp: 12808
 Ion Ratio Lower Upper
 107 100
 109 93.8 67.4 125.2
 188 5.5 9.4 14.0#



#10
 1,1,2,2-Tetrachloroethane-d2
 Concen: 1.847 ug/L
 RT: 10.133 min Scan# 657
 Delta R.T. -0.000 min
 Lab File: VV039450.D
 Acq: 03 Dec 2025 12:18

Tgt Ion: 84 Resp: 7263
 Ion Ratio Lower Upper
 84 100
 86 66.7 44.4 82.5

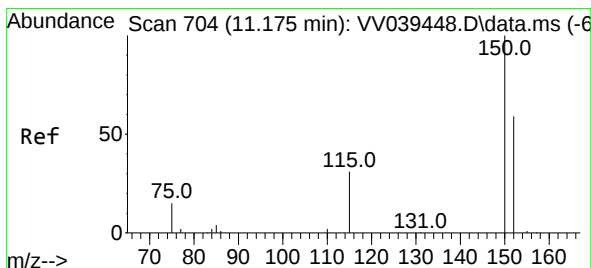
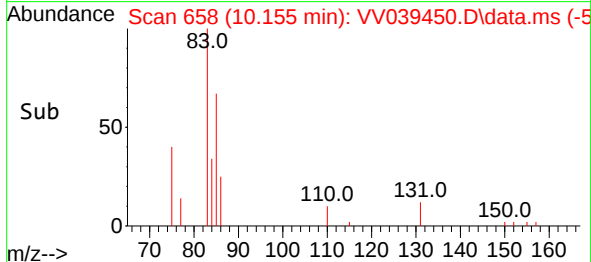
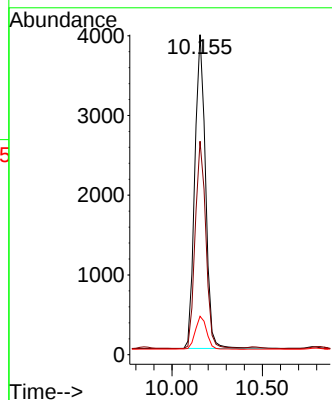
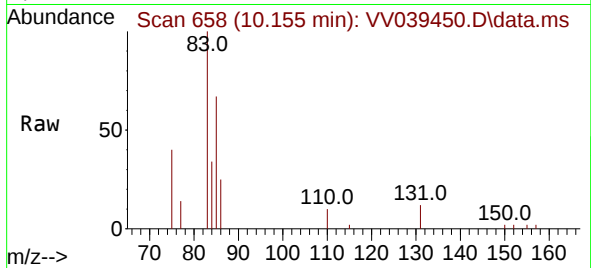




#11
1,1,2,2-Tetrachloroethane
Concen: 1.939 ug/L
RT: 10.155 min Scan# 611
Delta R.T. -0.000 min
Lab File: VV039450.D
Acq: 03 Dec 2025 12:18

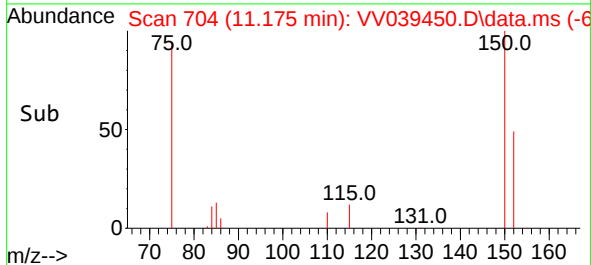
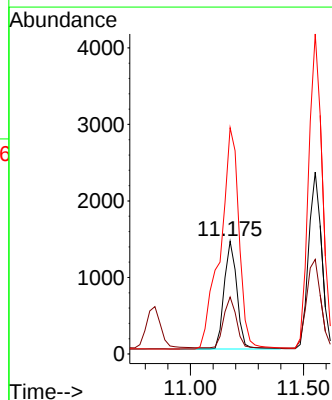
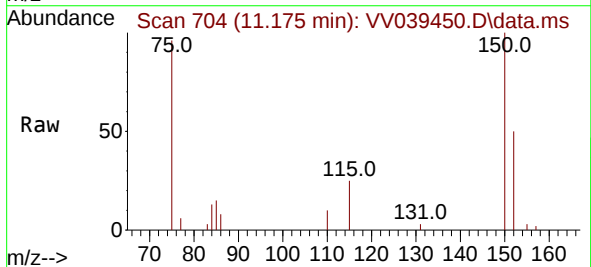
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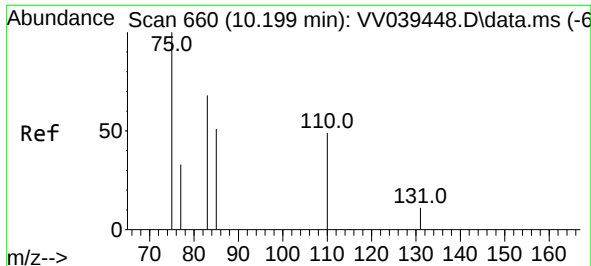
Tgt Ion: 83	Resp: 16091
Ion Ratio	Lower Upper
83 100	
85 65.8	51.0 76.6
131 11.1	8.6 12.8



#12
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.175 min Scan# 704
Delta R.T. -0.000 min
Lab File: VV039450.D
Acq: 03 Dec 2025 12:18

Tgt Ion:152	Resp:	5508	
Ion	Ratio	Lower	Upper
152	100		
115	47.9	0.0	101.6
150	303.0	0.0	396.2





#13

1,2,3-Trichloropropane

Concen: 1.879 ug/L

RT: 10.177 min Scan# 660

Delta R.T. -0.022 min

Lab File: VV039450.D

Acq: 03 Dec 2025 12:18

Instrument :

MSVOA_V

ClientSampleId :

VSTD002274

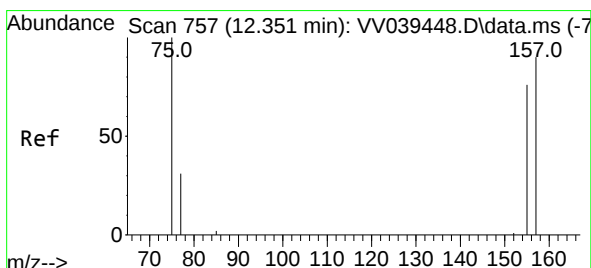
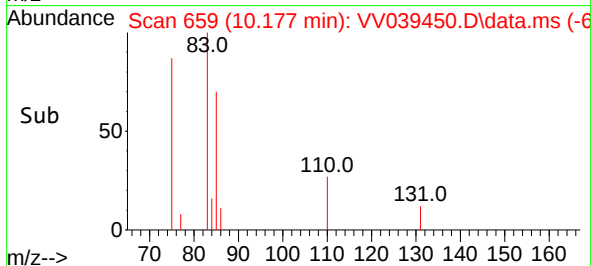
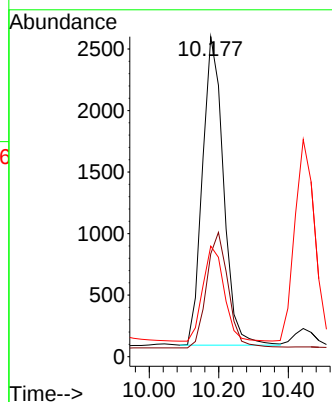
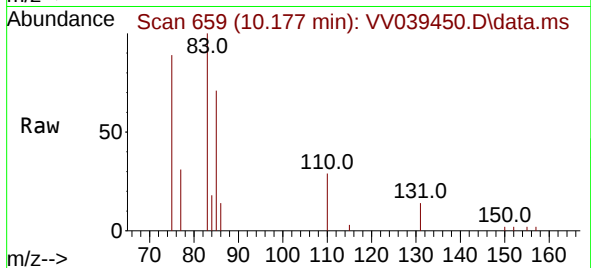
Tgt Ion: 75 Resp: 10588

Ion Ratio Lower Upper

75 100

110 38.4 37.8 56.6

77 31.0 25.6 38.4



#14

1,2-Dibromo-3-chloropropane

Concen: 1.618 ug/L

RT: 12.350 min Scan# 757

Delta R.T. -0.000 min

Lab File: VV039450.D

Acq: 03 Dec 2025 12:18

Tgt Ion: 75 Resp: 1899

Ion Ratio Lower Upper

75 100

157 112.6 67.8 101.6#

155 94.5 61.9 92.9#

