

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV081925\
 Data File : VV038957.D
 Acq On : 19 Aug 2025 10:58
 Operator : SY/MD
 Sample : VSTD0.149
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.1249

Quant Time: Aug 20 03:01:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM081925.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 20 02:59:52 2025
 Response via : Initial Calibration

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

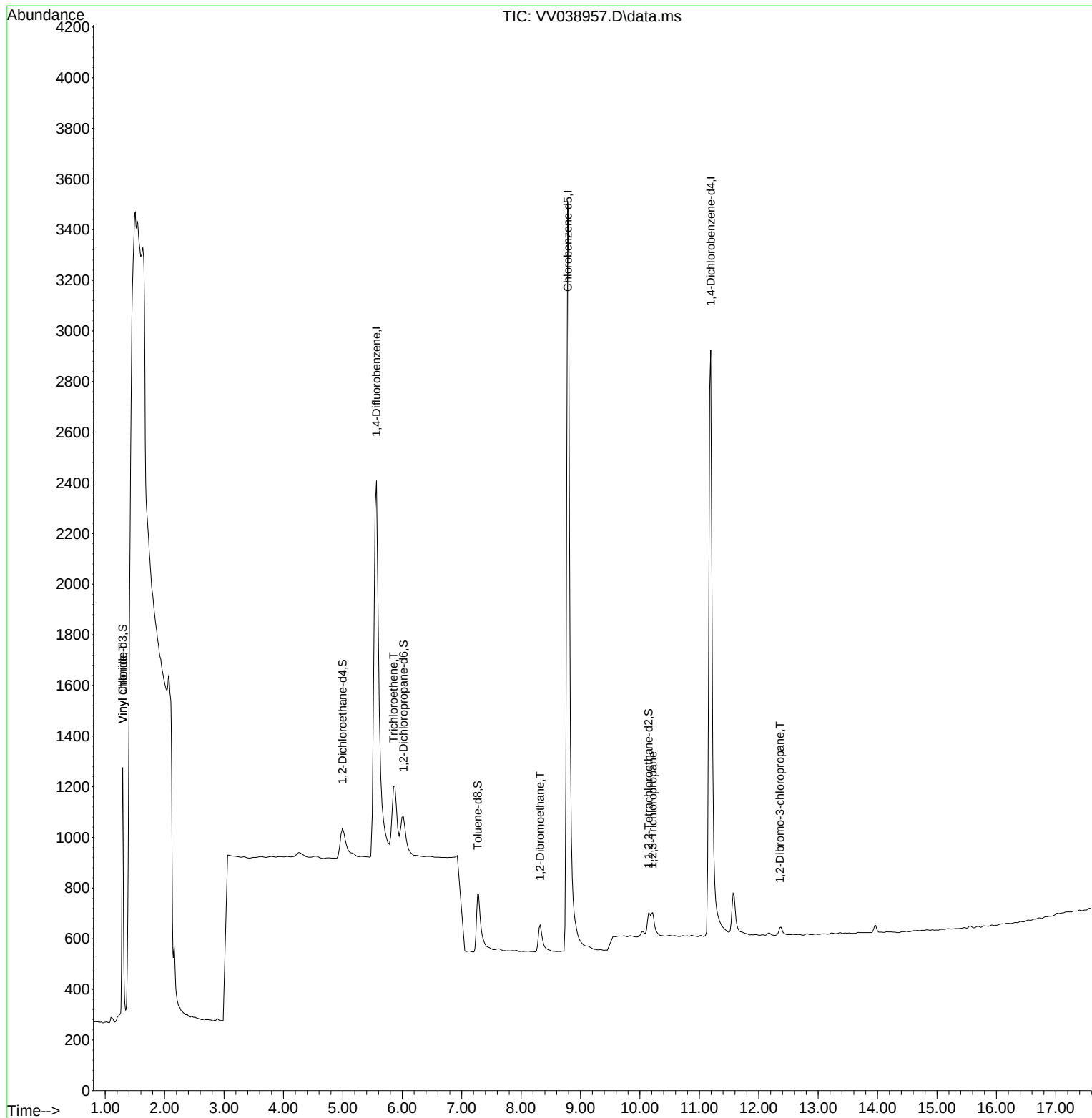
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	6471	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	6169	0.500	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	11.191	152	2810	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	505	0.083	ug/L	0.00
4) 1,2-Dichloroethane-d4	4.993	65	365	0.120	ug/L	0.02
7) 1,2-Dichloropropane-d6	6.019	67	314	0.090	ug/L	0.02
8) Toluene-d8	7.269	98	735	0.103	ug/L	0.02
10) 1,1,2,2-Tetrachloroeth...	10.146	84	195	0.080	ug/L	0.00
Target Compounds						
						Qvalue
3) Vinyl chloride	1.294	62	818	0.070	ug/L #	81
6) Trichloroethene	5.852	95	417	0.070	ug/L	94
9) 1,2-Dibromoethane	8.321	107	244	0.066	ug/L #	83
12) 1,2,3-Trichloropropane	10.214	75	220	0.069	ug/L #	90
13) 1,2-Dibromo-3-chloropr...	12.356	75	57	0.085	ug/L	97

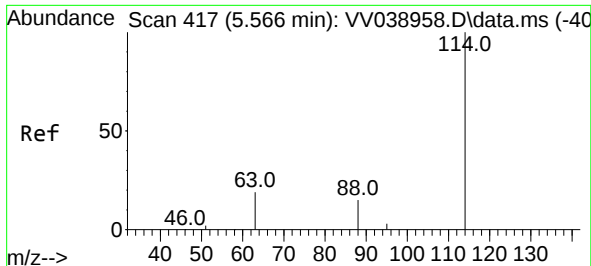
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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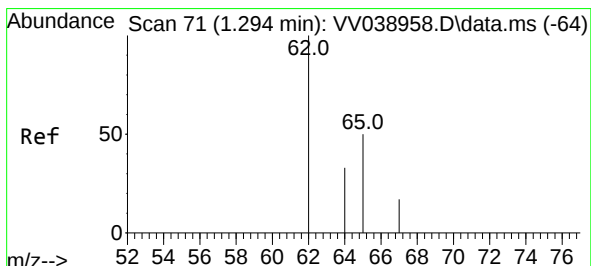
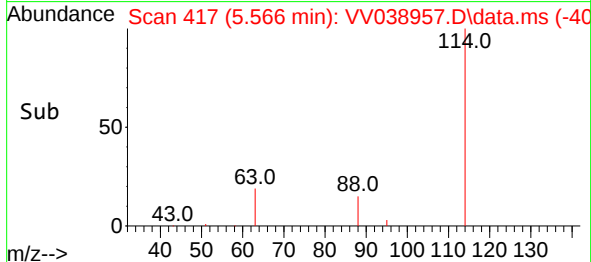
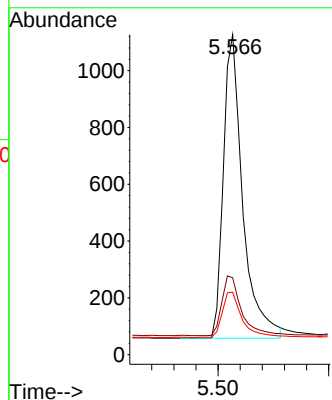
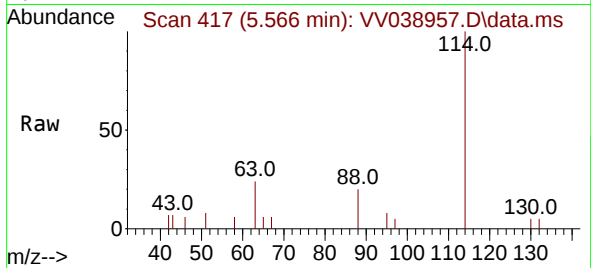




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. -0.000 min
Lab File: VV038957.D
Acq: 19 Aug 2025 10:58

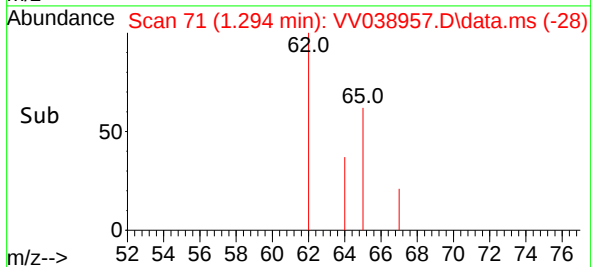
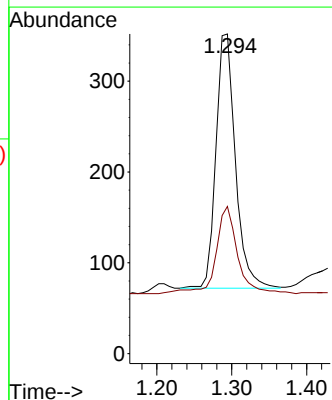
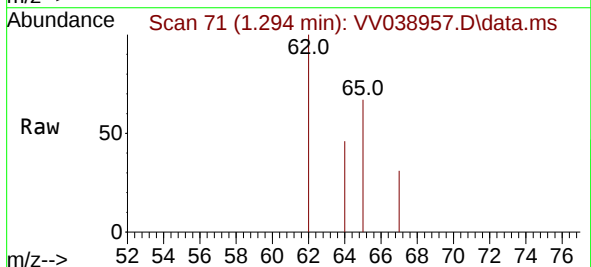
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.1249

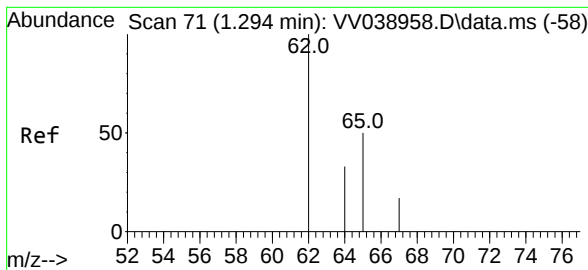
Tgt Ion:114 Resp: 6471
Ion Ratio Lower Upper
114 100
63 19.8 16.0 24.0
88 15.4 12.3 18.5



#2
Vinyl Chloride-d3
Concen: 0.083 ug/L
RT: 1.294 min Scan# 71
Delta R.T. -0.000 min
Lab File: VV038957.D
Acq: 19 Aug 2025 10:58

Tgt Ion: 65 Resp: 505
Ion Ratio Lower Upper
65 100
67 38.2 23.4 43.4

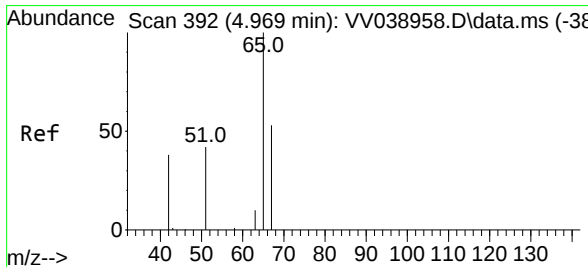
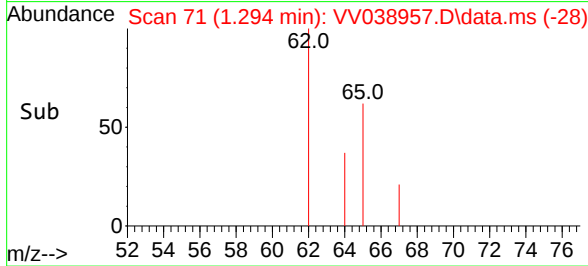
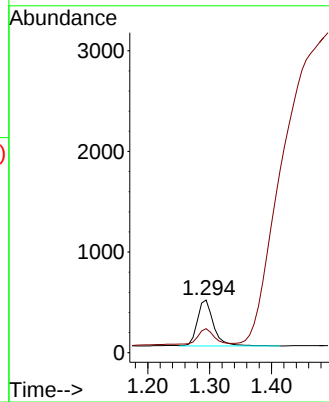
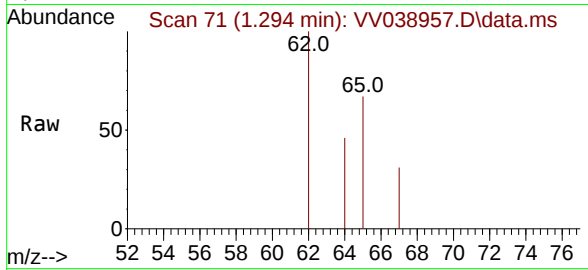




#3
 Vinyl chloride
 Concen: 0.070 ug/L
 RT: 1.294 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VV038957.D
 Acq: 19 Aug 2025 10:58

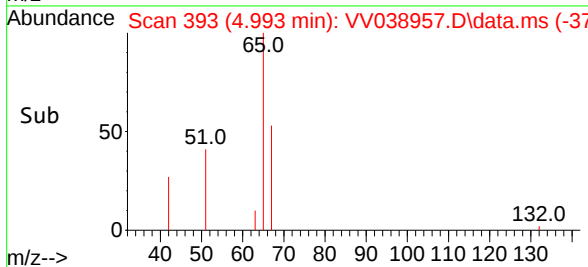
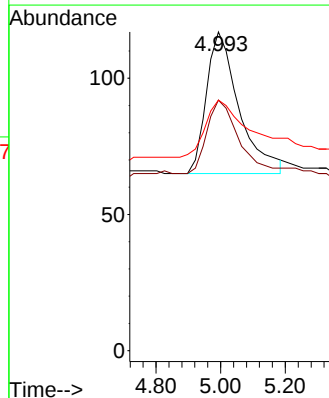
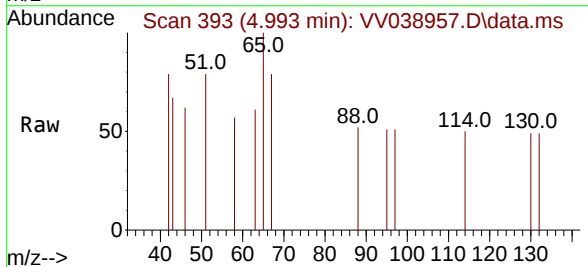
Instrument :
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 ClientSampleId :
 VSTD0.1249

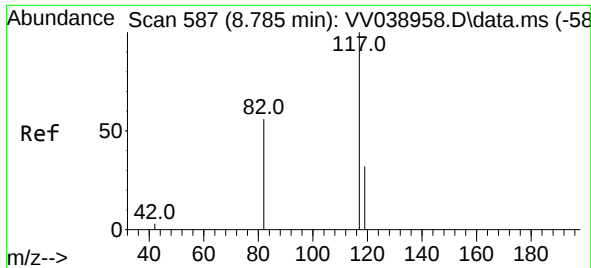
Tgt Ion: 62 Resp: 818
 Ion Ratio Lower Upper
 62 100
 64 45.6 24.4 45.2#



#4
 1,2-Dichloroethane-d4
 Concen: 0.120 ug/L
 RT: 4.993 min Scan# 393
 Delta R.T. 0.024 min
 Lab File: VV038957.D
 Acq: 19 Aug 2025 10:58

Tgt Ion: 65 Resp: 365
 Ion Ratio Lower Upper
 65 100
 67 49.9 37.2 69.0
 51 51.5 33.4 62.0

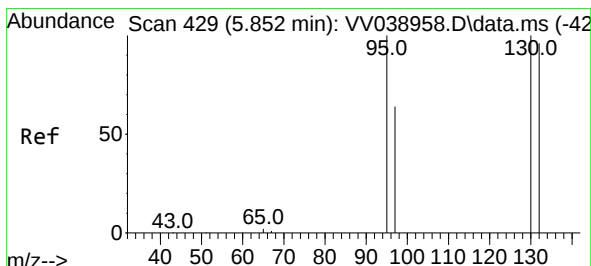
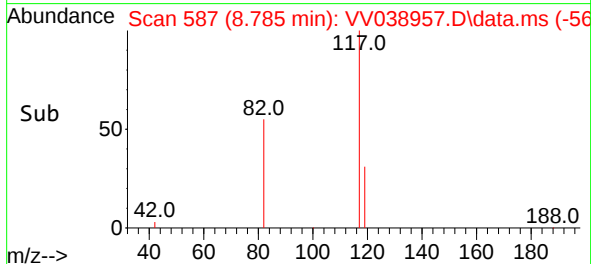
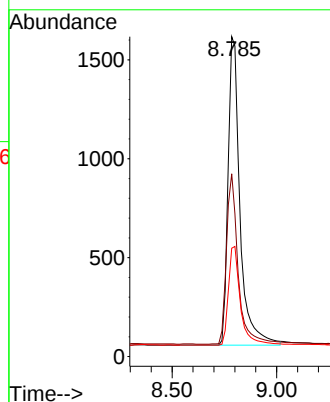
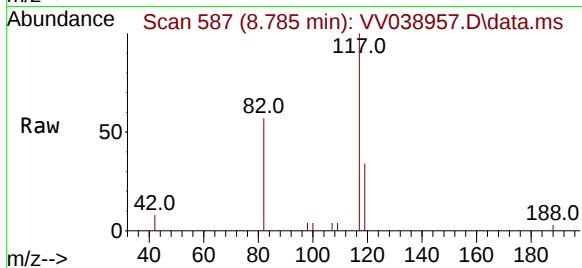




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV038957.D
Acq: 19 Aug 2025 10:58

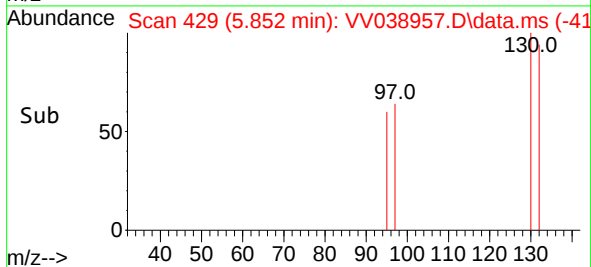
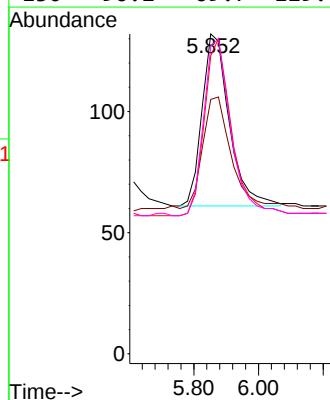
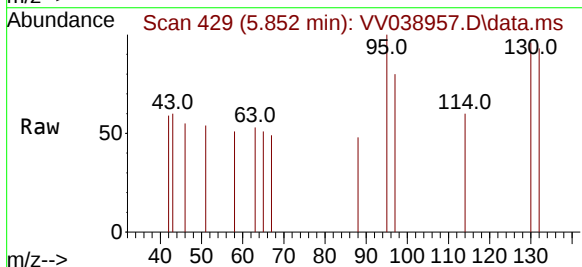
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.1249

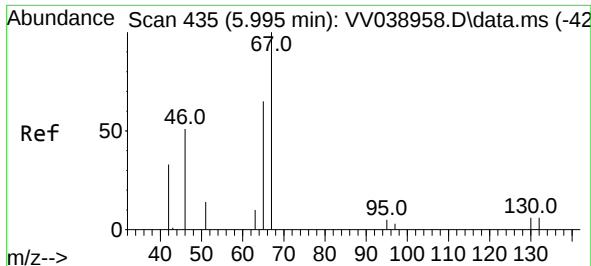
Tgt Ion:	117	Resp:	6169
Ion	Ratio	Lower	Upper
117	100		
82	53.9	42.9	64.3
119	32.3	26.4	39.6



#6
Trichloroethene
Concen: 0.070 ug/L
RT: 5.852 min Scan# 429
Delta R.T. -0.000 min
Lab File: VV038957.D
Acq: 19 Aug 2025 10:58

Tgt Ion:	95	Resp:	417
Ion	Ratio	Lower	Upper
95	100		
97	79.5	47.5	88.1
132	93.2	66.9	124.3
130	96.2	69.7	129.4

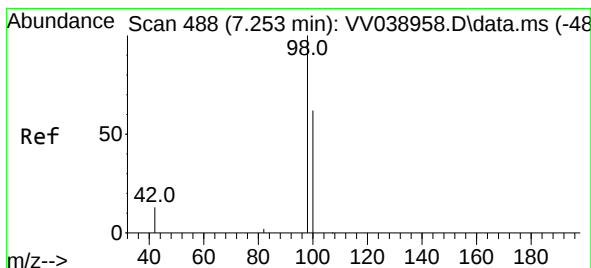
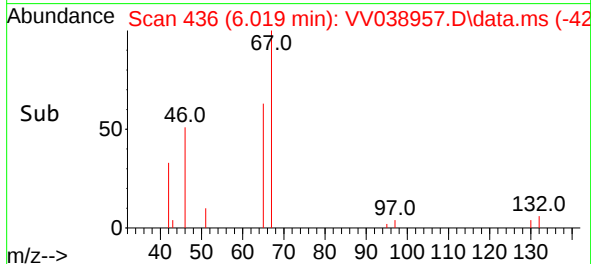
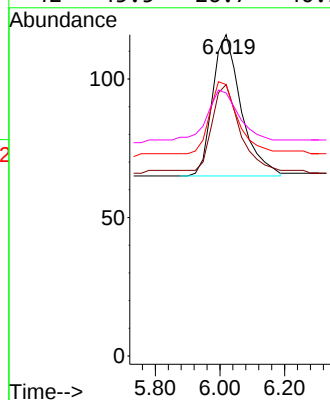
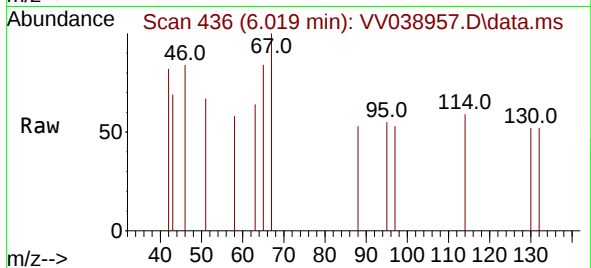




#7
1,2-Dichloropropane-d6
Concen: 0.090 ug/L
RT: 6.019 min Scan# 411
Delta R.T. 0.024 min
Lab File: VV038957.D
Acq: 19 Aug 2025 10:58

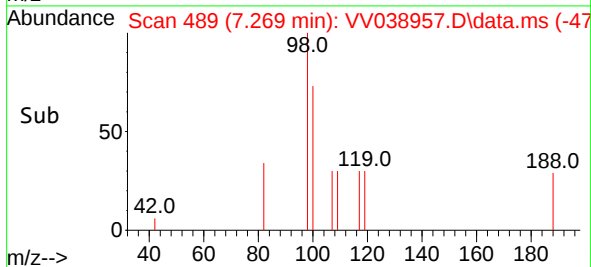
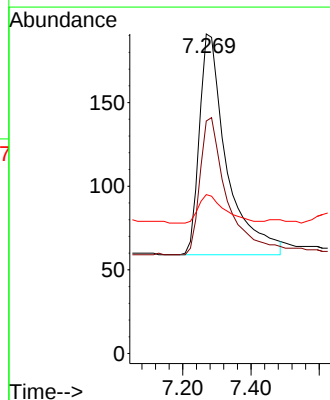
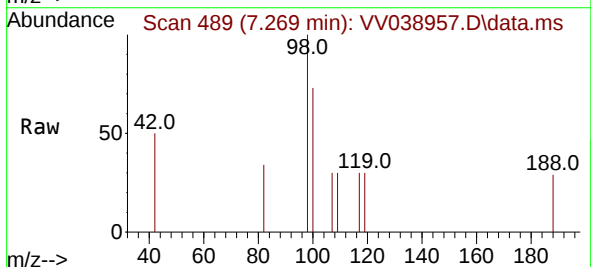
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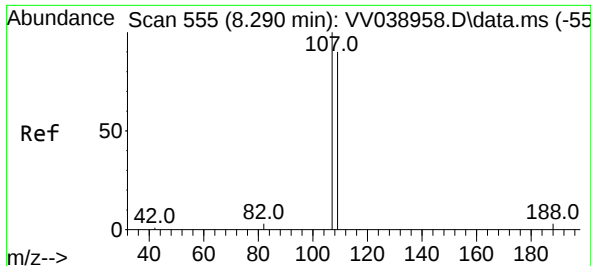
Tgt Ion:	67	Resp:	314
Ion	Ratio	Lower	Upper
67	100		
65	65.3	49.8	74.6
46	58.9	41.3	61.9
42	45.5	26.7	40.1



#8
Toluene-d8
Concen: 0.103 ug/L
RT: 7.269 min Scan# 489
Delta R.T. 0.015 min
Lab File: VV038957.D
Acq: 19 Aug 2025 10:58

Tgt Ion:	98	Resp:	735
Ion	Ratio	Lower	Upper
98	100		
100	62.0	43.3	80.3
42	12.2	8.5	15.7

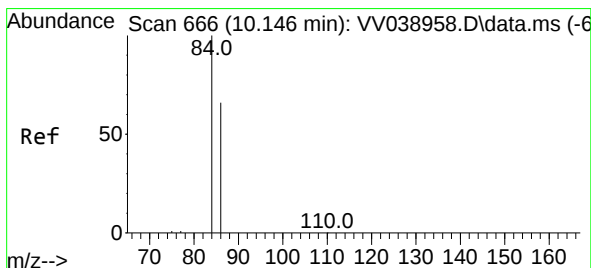
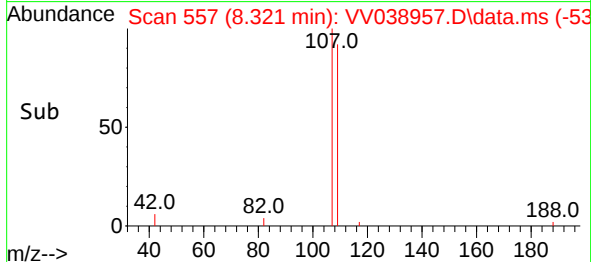
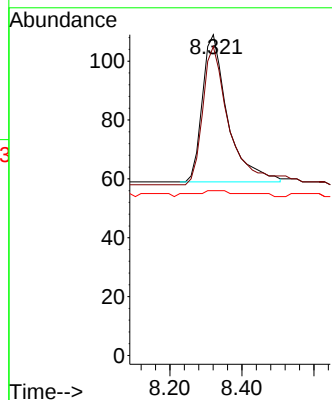
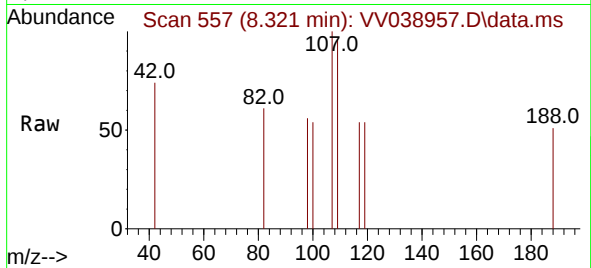




#9
 1,2-Dibromoethane
 Concen: 0.066 ug/L
 RT: 8.321 min Scan# 557
 Delta R.T. 0.031 min
 Lab File: VV038957.D
 Acq: 19 Aug 2025 10:58

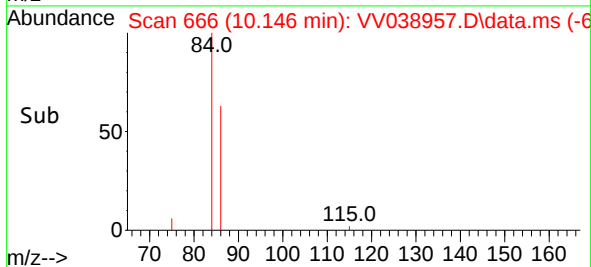
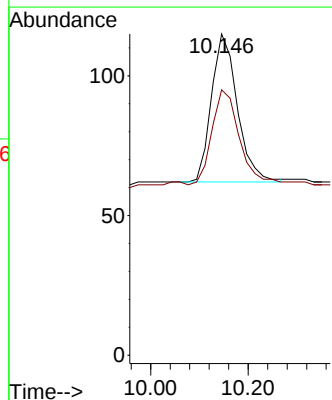
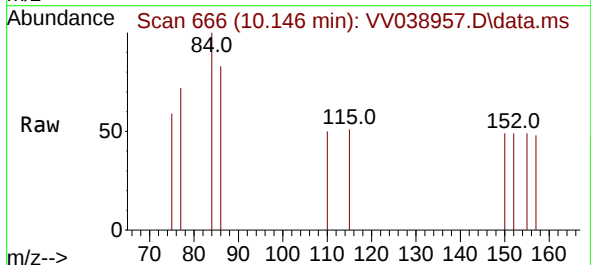
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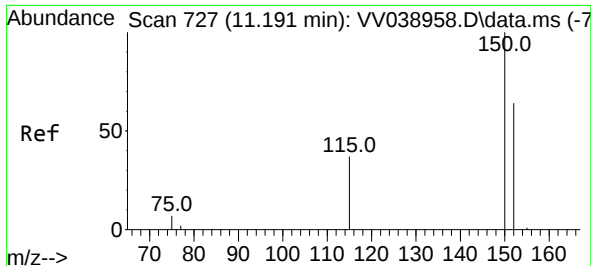
Tgt Ion:107 Resp: 244
 Ion Ratio Lower Upper
 107 100
 109 96.3 64.0 118.8
 188 51.4 11.8 17.6#



#10
 1,1,2,2-Tetrachloroethane-d2
 Concen: 0.080 ug/L
 RT: 10.146 min Scan# 666
 Delta R.T. -0.000 min
 Lab File: VV038957.D
 Acq: 19 Aug 2025 10:58

Tgt Ion: 84 Resp: 195
 Ion Ratio Lower Upper
 84 100
 86 83.6 45.6 84.6

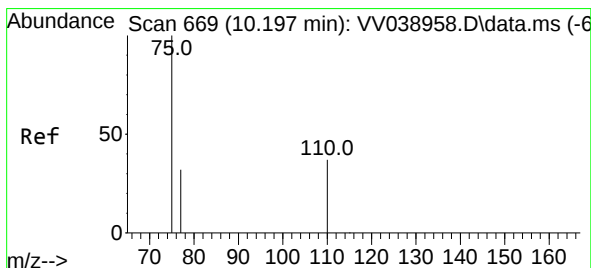
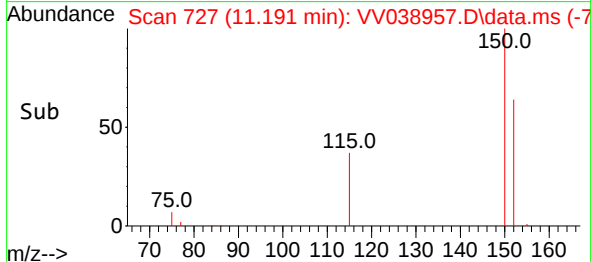
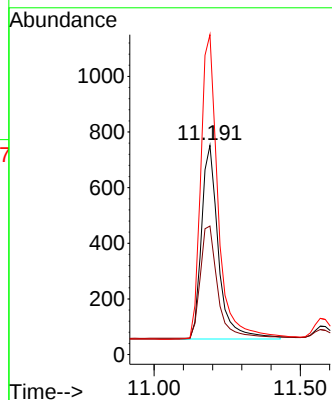
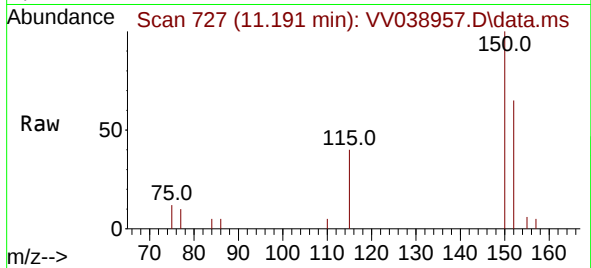




#11
 1,4-Dichlorobenzene-d4
 Concen: 0.500 ug/L
 RT: 11.191 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VV038957.D
 Acq: 19 Aug 2025 10:58

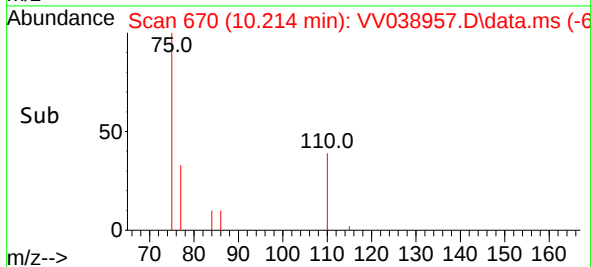
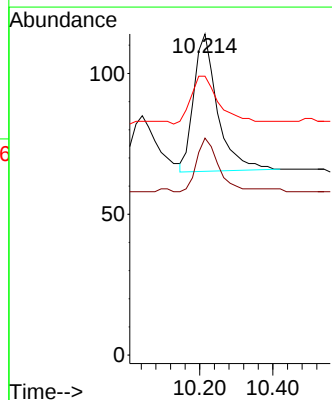
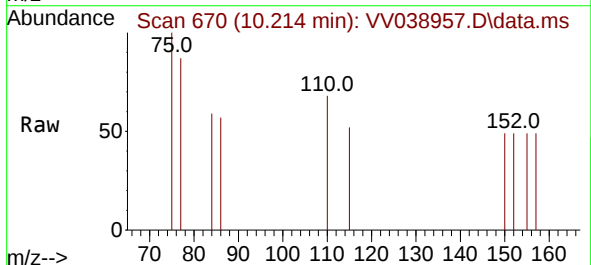
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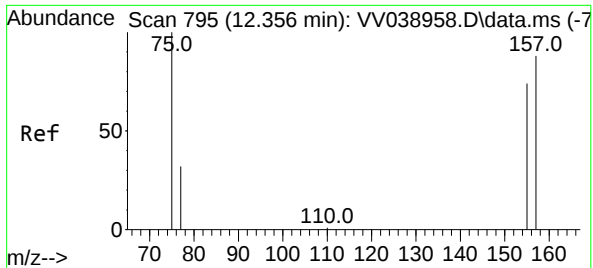
Tgt Ion:	152	Resp:	2810
Ion	Ratio	Lower	Upper
152	100		
115	59.2	0.0	119.6
150	160.2	0.0	318.0



#12
 1,2,3-Trichloropropane
 Concen: 0.069 ug/L
 RT: 10.214 min Scan# 670
 Delta R.T. 0.017 min
 Lab File: VV038957.D
 Acq: 19 Aug 2025 10:58

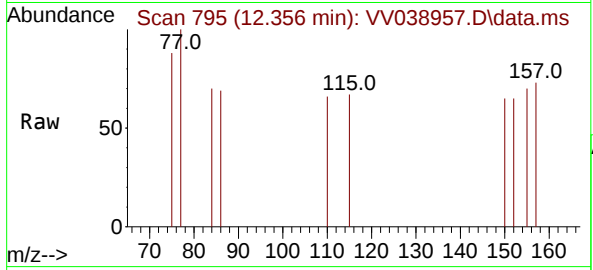
Tgt Ion:	75	Resp:	220
Ion	Ratio	Lower	Upper
75	100		
110	38.2	32.6	48.8
77	43.6	27.3	40.9





#13
 1,2-Dibromo-3-chloropropane
 Concen: 0.085 ug/L
 RT: 12.356 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VV038957.D
 Acq: 19 Aug 2025 10:58

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion: 75 Resp: 57

Ion	Ratio	Lower	Upper
75	100		
157	83.1	69.7	104.5
155	80.5	63.7	95.5

