

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV081925\
 Data File : VV038958.D
 Acq On : 19 Aug 2025 11:28
 Operator : SY/MD
 Sample : VSTD0.550
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5250

Quant Time: Aug 20 03:01:42 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)

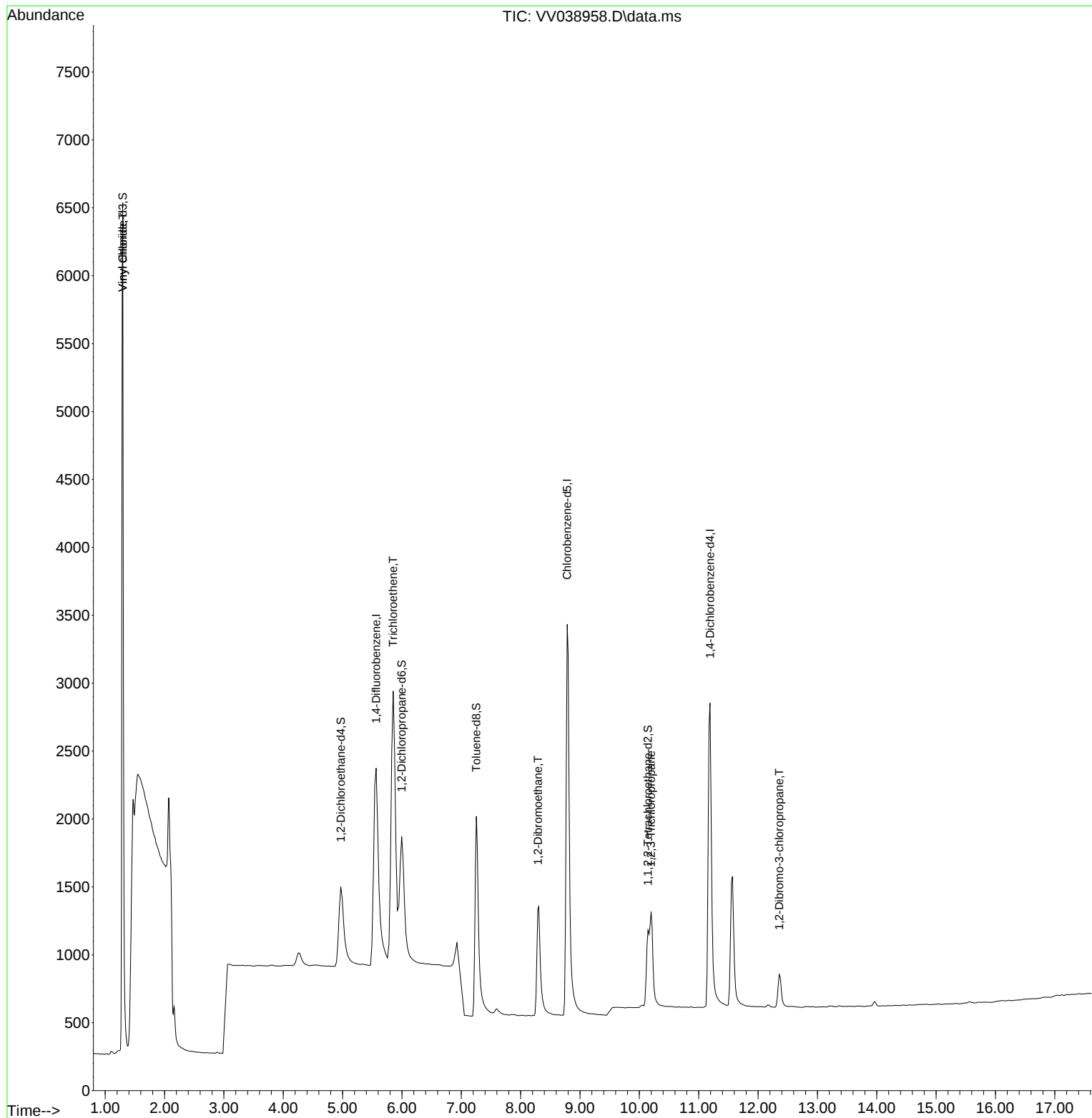
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	6335	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	6024	0.500	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	11.191	152	2695	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	2882	0.482	ug/L	0.00
4) 1,2-Dichloroethane-d4	4.969	65	1519	0.509	ug/L	0.00
7) 1,2-Dichloropropane-d6	5.995	67	1791	0.525	ug/L	0.00
8) Toluene-d8	7.253	98	3636	0.524	ug/L	0.00
10) 1,1,2,2-Tetrachloroeth...	10.146	84	1205	0.504	ug/L	0.00
Target Compounds						
						Qvalue
3) Vinyl chloride	1.294	62	5651	0.494	ug/L	100
6) Trichloroethene	5.852	95	2968	0.507	ug/L	100
9) 1,2-Dibromoethane	8.290	107	1753	0.487	ug/L	100
12) 1,2,3-Trichloropropane	10.197	75	1448	0.474	ug/L	100
13) 1,2-Dibromo-3-chloropr...	12.356	75	323	0.502	ug/L	100

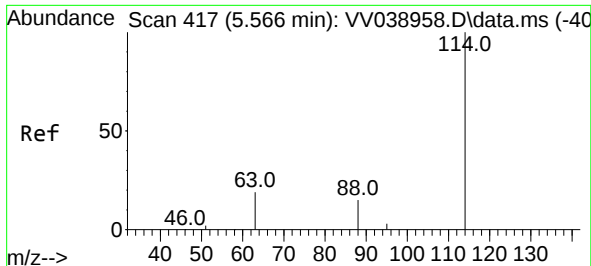
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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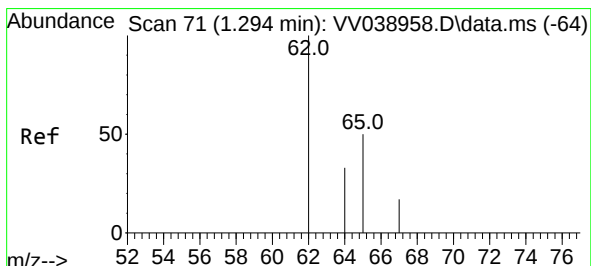
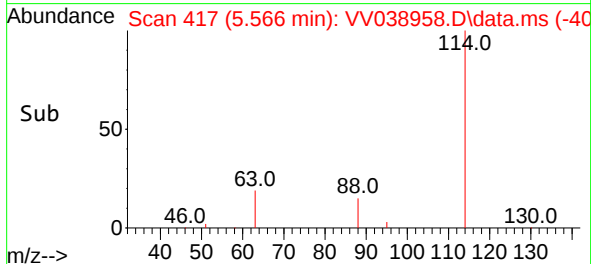
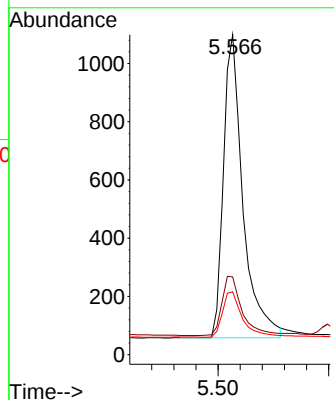
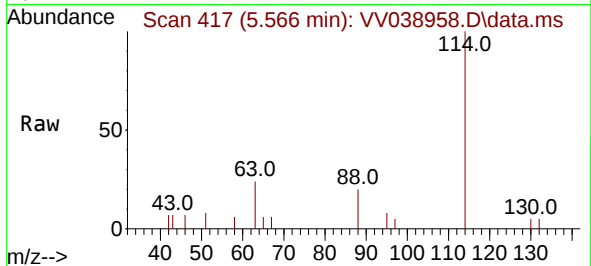




#1
 1,4-Difluorobenzene
 Concen: 0.500 ug/L
 RT: 5.566 min Scan# 417
 Delta R.T. -0.000 min
 Lab File: VV038958.D
 Acq: 19 Aug 2025 11:28

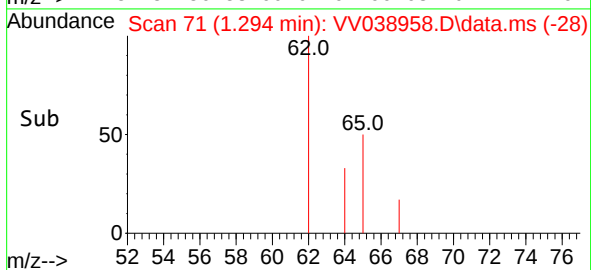
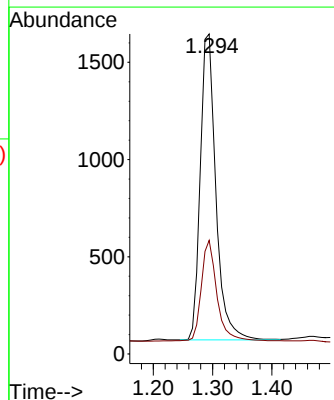
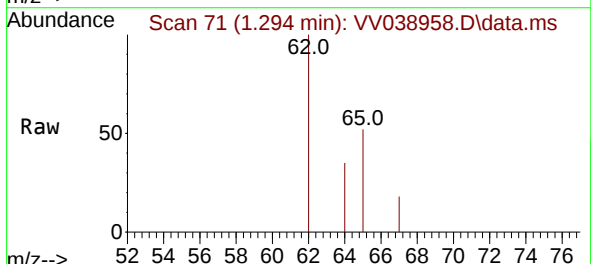
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5250

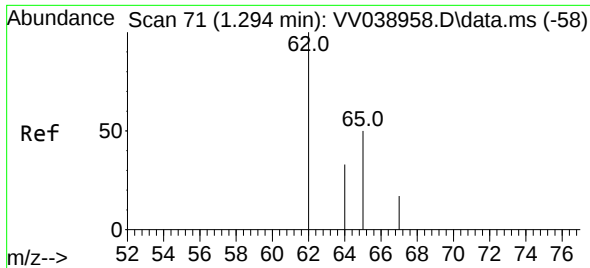
Tgt Ion:	114	Resp:	6335
Ion	Ratio	Lower	Upper
114	100		
63	20.0	16.0	24.0
88	15.4	12.3	18.5



#2
 Vinyl Chloride-d3
 Concen: 0.482 ug/L
 RT: 1.294 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV038958.D
 Acq: 19 Aug 2025 11:28

Tgt Ion:	65	Resp:	2882
Ion	Ratio	Lower	Upper
65	100		
67	33.4	23.4	43.4

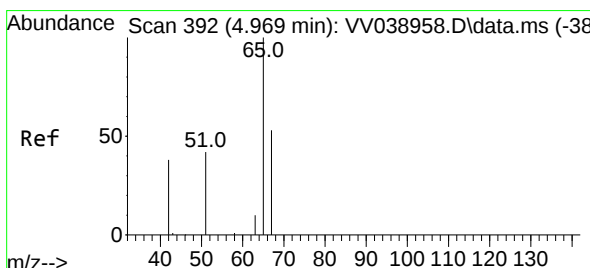
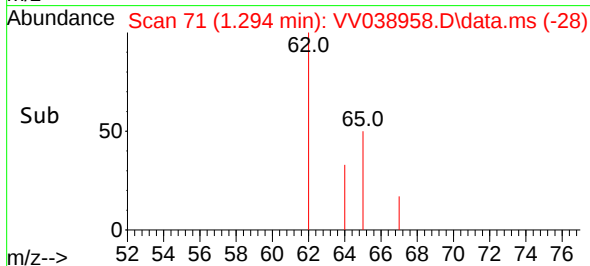
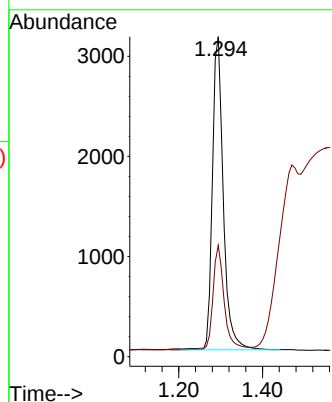
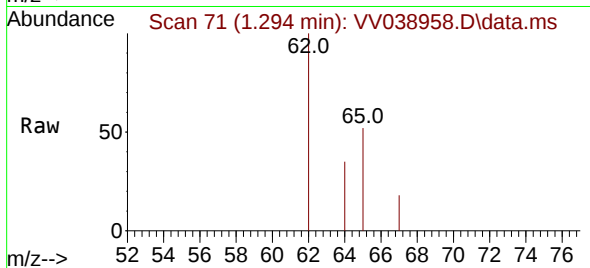




#3
 Vinyl chloride
 Concen: 0.494 ug/L
 RT: 1.294 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV038958.D
 Acq: 19 Aug 2025 11:28

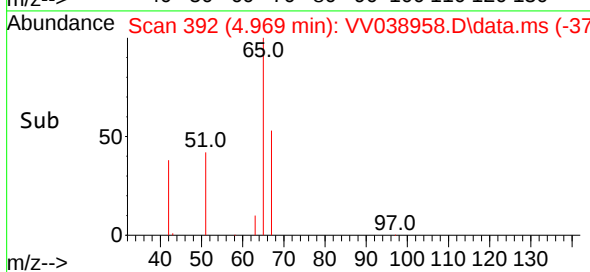
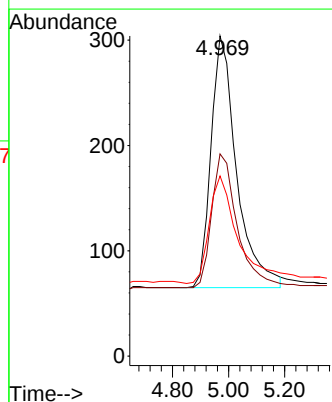
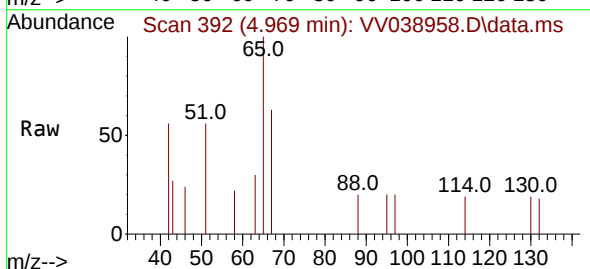
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5250

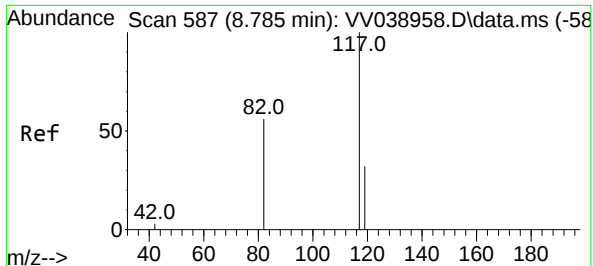
Tgt Ion: 62 Resp: 5651
 Ion Ratio Lower Upper
 62 100
 64 34.8 24.4 45.2



#4
 1,2-Dichloroethane-d4
 Concen: 0.509 ug/L
 RT: 4.969 min Scan# 392
 Delta R.T. 0.000 min
 Lab File: VV038958.D
 Acq: 19 Aug 2025 11:28

Tgt Ion: 65 Resp: 1519
 Ion Ratio Lower Upper
 65 100
 67 53.1 37.2 69.0
 51 47.7 33.4 62.0

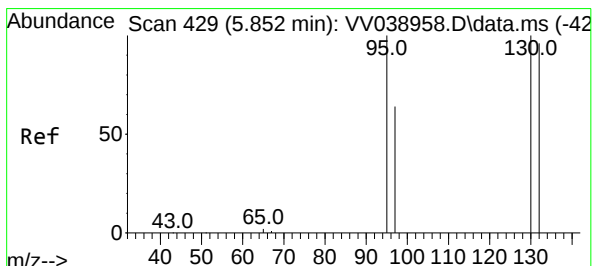
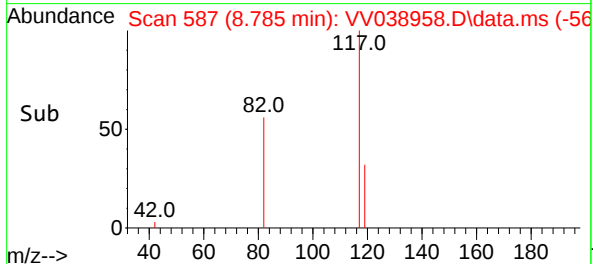
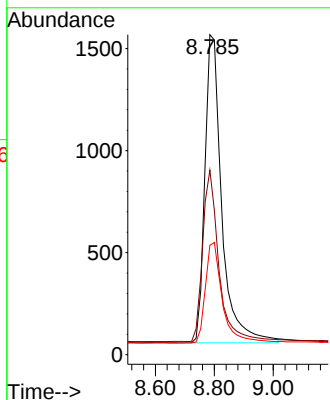
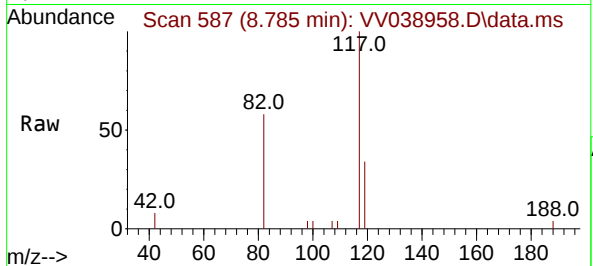




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 587
Delta R.T. 0.000 min
Lab File: VV038958.D
Acq: 19 Aug 2025 11:28

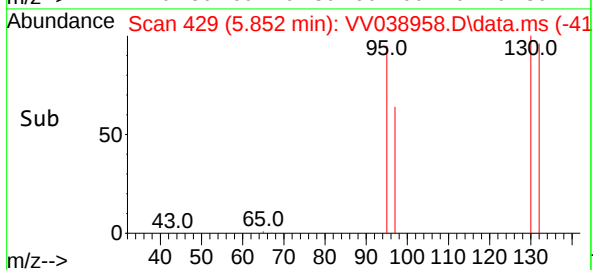
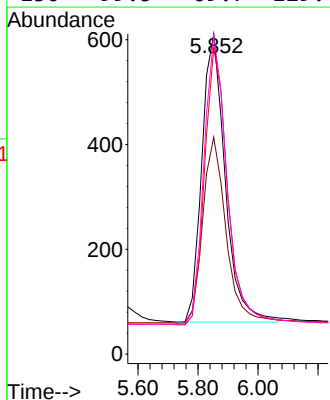
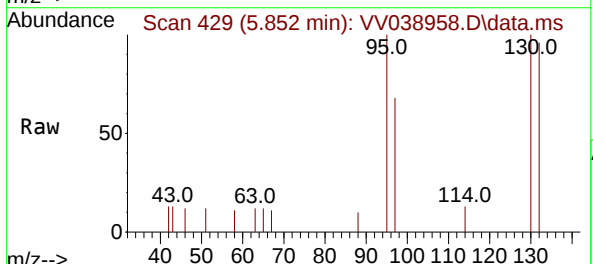
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5250

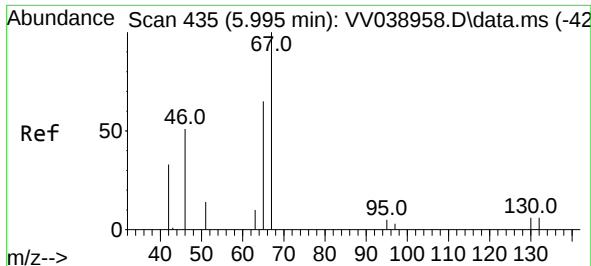
Tgt Ion:	117	Resp:	6024
Ion	Ratio	Lower	Upper
117	100		
82	53.6	42.9	64.3
119	33.0	26.4	39.6



#6
Trichloroethene
Concen: 0.507 ug/L
RT: 5.852 min Scan# 429
Delta R.T. 0.000 min
Lab File: VV038958.D
Acq: 19 Aug 2025 11:28

Tgt Ion:	95	Resp:	2968
Ion	Ratio	Lower	Upper
95	100		
97	67.8	47.5	88.1
132	95.6	66.9	124.3
130	99.5	69.7	129.4

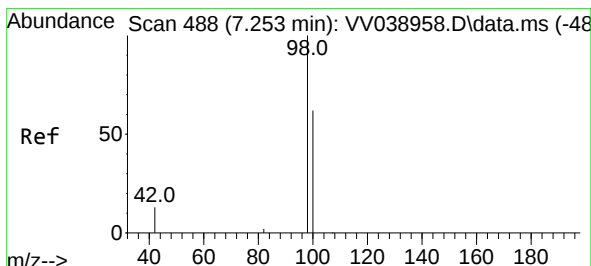
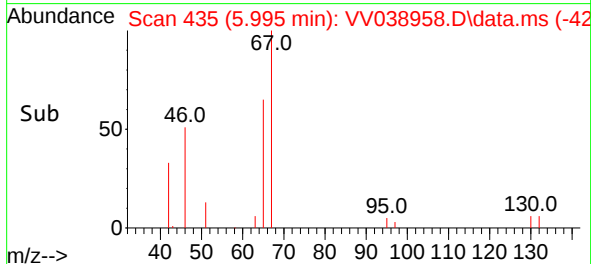
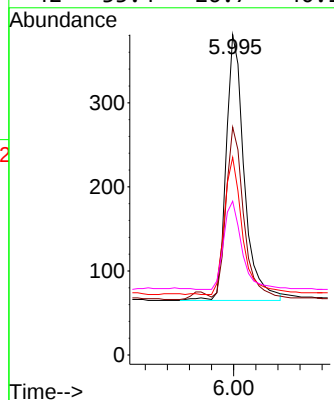
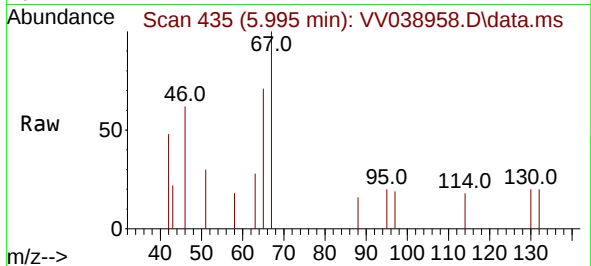




#7
 1,2-Dichloropropane-d6
 Concen: 0.525 ug/L
 RT: 5.995 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VV038958.D
 Acq: 19 Aug 2025 11:28

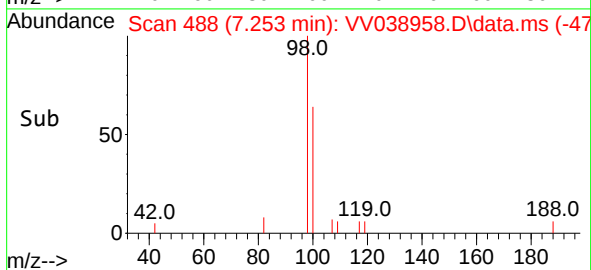
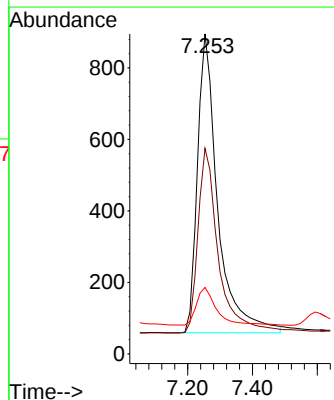
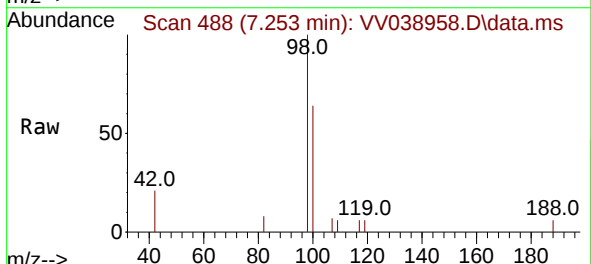
Instrument :
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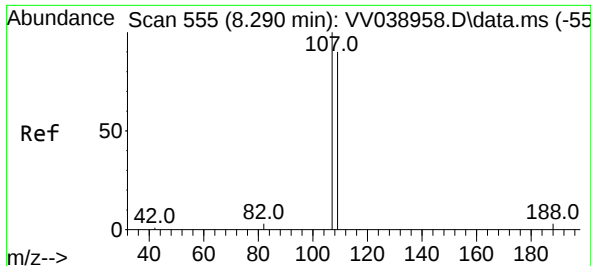
Tgt Ion:	67	Resp:	1791
Ion	Ratio	Lower	Upper
67	100		
65	62.2	49.8	74.6
46	51.6	41.3	61.9
42	33.4	26.7	40.1



#8
 Toluene-d8
 Concen: 0.524 ug/L
 RT: 7.253 min Scan# 488
 Delta R.T. 0.000 min
 Lab File: VV038958.D
 Acq: 19 Aug 2025 11:28

Tgt Ion:	98	Resp:	3636
Ion	Ratio	Lower	Upper
98	100		
100	61.8	43.3	80.3
42	12.1	8.5	15.7

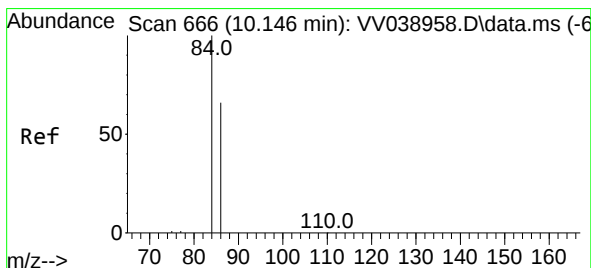
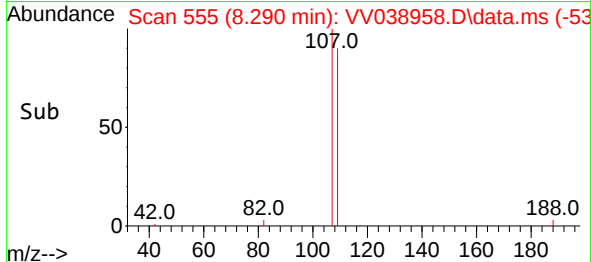
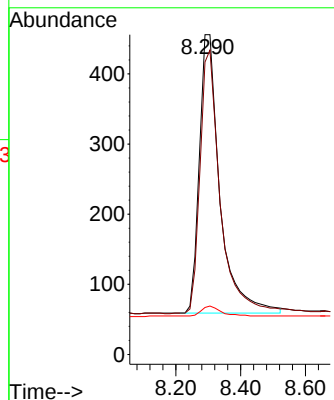
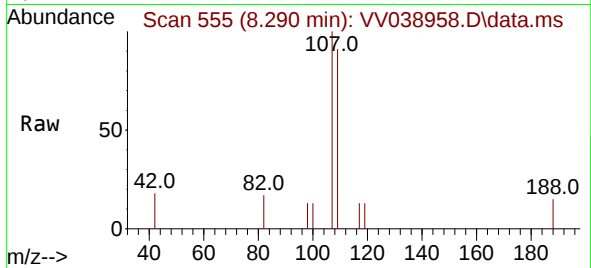




#9
1,2-Dibromoethane
Concen: 0.487 ug/L
RT: 8.290 min Scan# 555
Delta R.T. 0.000 min
Lab File: VV038958.D
Acq: 19 Aug 2025 11:28

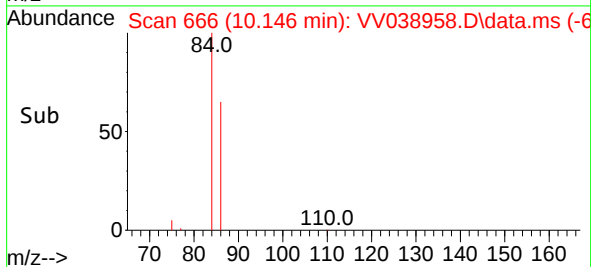
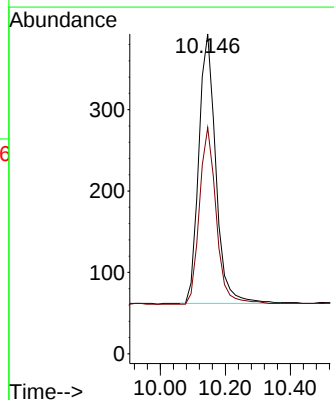
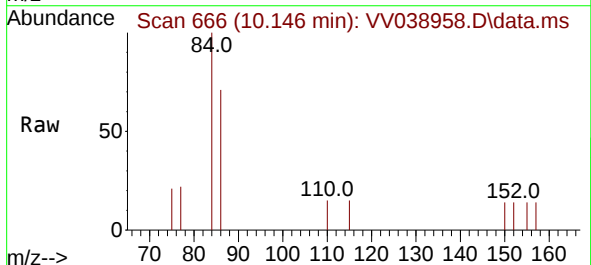
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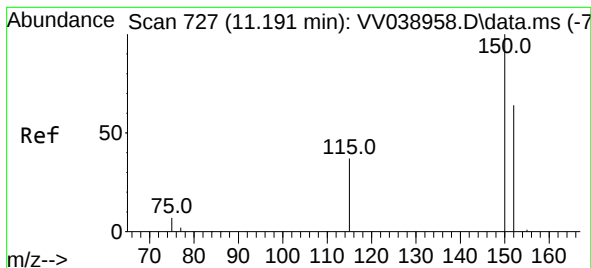
Tgt Ion:	107	Resp:	1753
Ion	Ratio	Lower	Upper
107	100		
109	91.4	64.0	118.8
188	14.7	11.8	17.6



#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.504 ug/L
RT: 10.146 min Scan# 666
Delta R.T. 0.000 min
Lab File: VV038958.D
Acq: 19 Aug 2025 11:28

Tgt Ion:	84	Resp:	1205
Ion	Ratio	Lower	Upper
84	100		
86	65.1	45.6	84.6





#11

1,4-Dichlorobenzene-d4

Concen: 0.500 ug/L

RT: 11.191 min Scan# 727

Delta R.T. 0.000 min

Lab File: VV038958.D

Acq: 19 Aug 2025 11:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5250

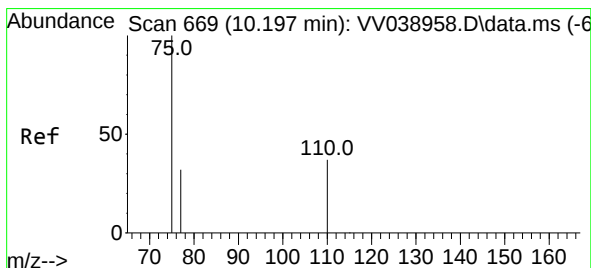
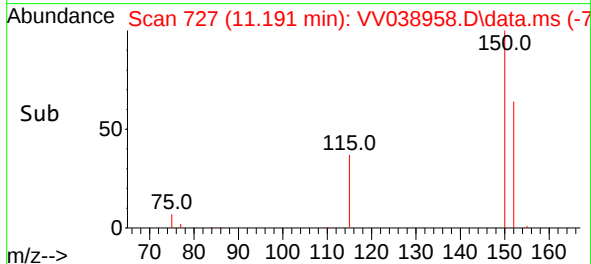
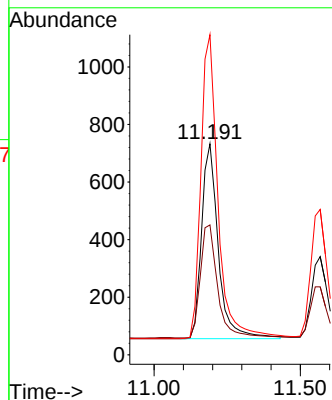
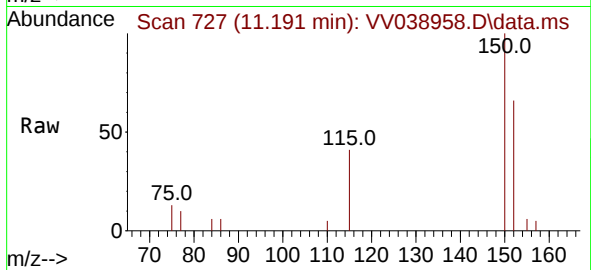
Tgt Ion:152 Resp: 2695

Ion Ratio Lower Upper

152 100

115 59.8 0.0 119.6

150 159.0 0.0 318.0



#12

1,2,3-Trichloropropane

Concen: 0.474 ug/L

RT: 10.197 min Scan# 669

Delta R.T. 0.000 min

Lab File: VV038958.D

Acq: 19 Aug 2025 11:28

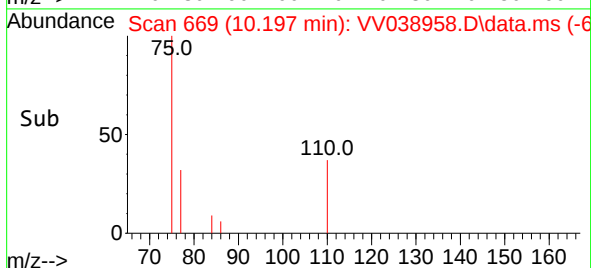
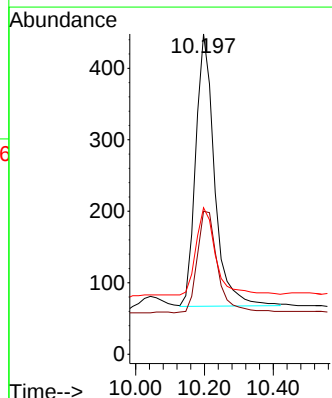
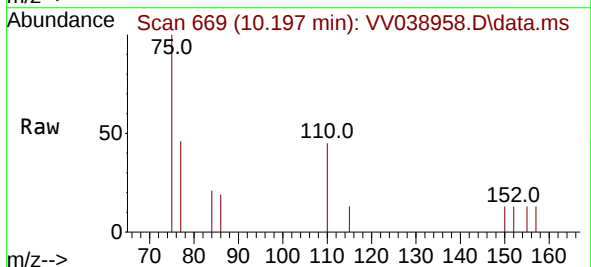
Tgt Ion: 75 Resp: 1448

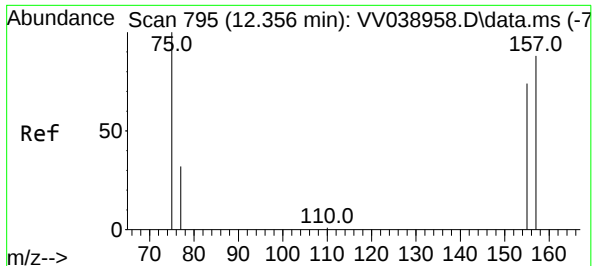
Ion Ratio Lower Upper

75 100

110 40.7 32.6 48.8

77 34.1 27.3 40.9





#13

1,2-Dibromo-3-chloropropane

Concen: 0.502 ug/L

RT: 12.356 min Scan# 795

Delta R.T. 0.000 min

Lab File: VV038958.D

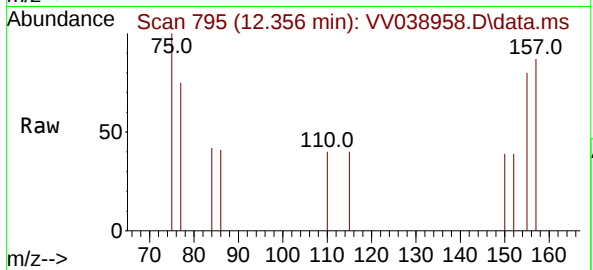
Acq: 19 Aug 2025 11:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5250



Tgt Ion: 75 Resp: 323

Ion Ratio Lower Upper

75 100

157 87.1 69.7 104.5

155 79.6 63.7 95.5

