

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV081925\
 Data File : VV038956.D
 Acq On : 19 Aug 2025 10:29
 Operator : SY/MD
 Sample : VSTD0.0548
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.05248

Quant Time: Aug 20 03:00:56 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)

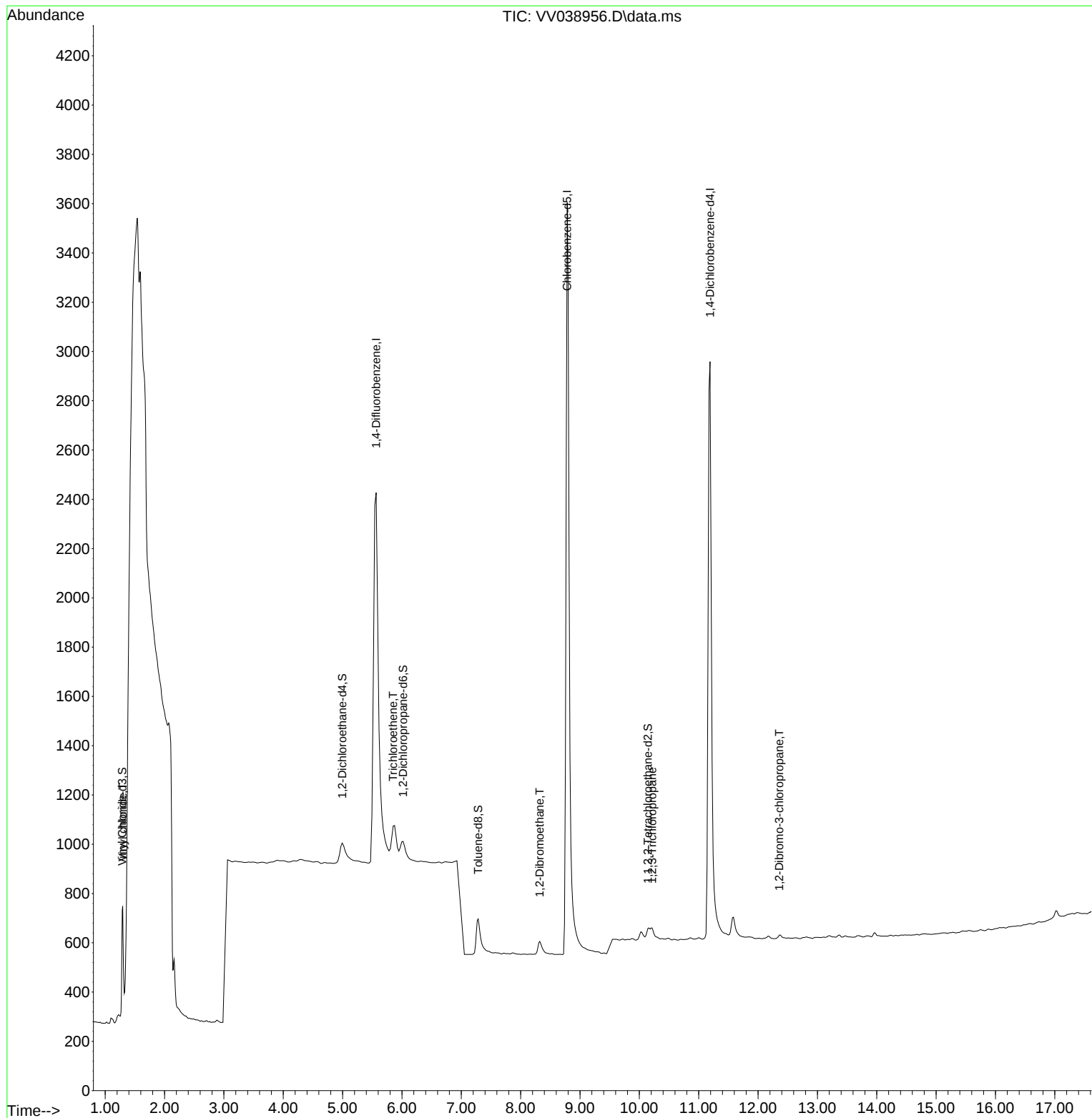
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	6583	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	6313	0.500	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	11.191	152	2914	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.287	65	234	0.038	ug/L	0.00
4) 1,2-Dichloroethane-d4	4.993	65	262	0.084	ug/L	0.02
7) 1,2-Dichloropropane-d6	6.019	67	160	0.045	ug/L	0.02
8) Toluene-d8	7.284	98	467	0.064	ug/L	0.03
10) 1,1,2,2-Tetrachloroeth...	10.146	84	108	0.043	ug/L	0.00
Target Compounds						
					Qvalue	
3) Vinyl chloride	1.294	62	351	0.030	ug/L #	49
6) Trichloroethene	5.852	95	205	0.033	ug/L	91
9) 1,2-Dibromoethane	8.321	107	122	0.032	ug/L #	77
12) 1,2,3-Trichloropropane	10.214	75	124	0.038	ug/L #	83
13) 1,2-Dibromo-3-chloropr...	12.356	75	39	0.056	ug/L	97

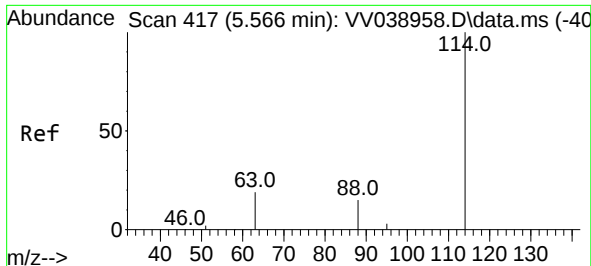
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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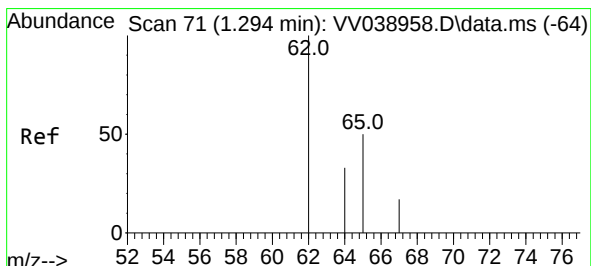
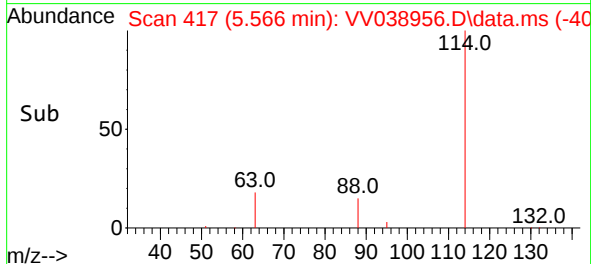
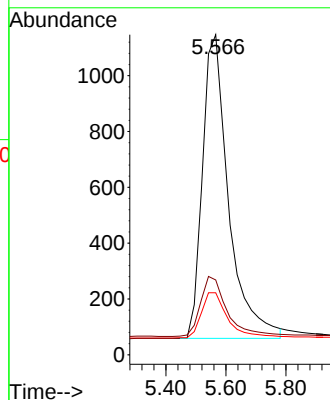
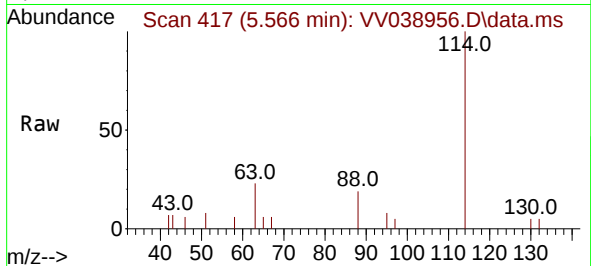




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. -0.000 min
Lab File: VV038956.D
Acq: 19 Aug 2025 10:29

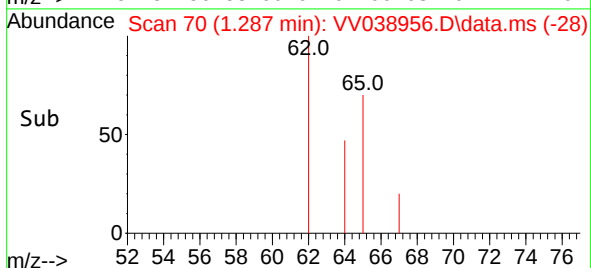
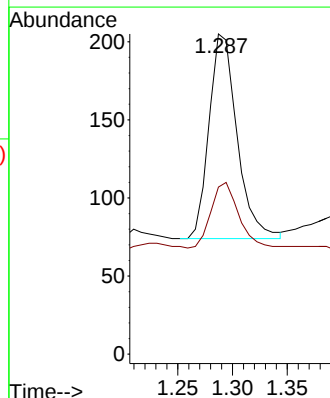
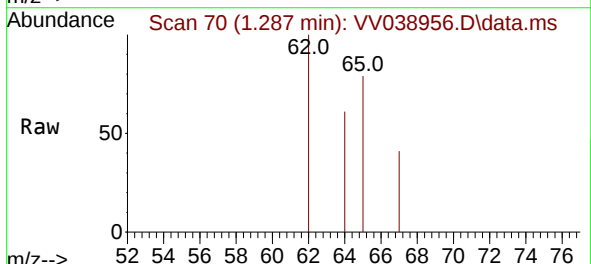
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.05248

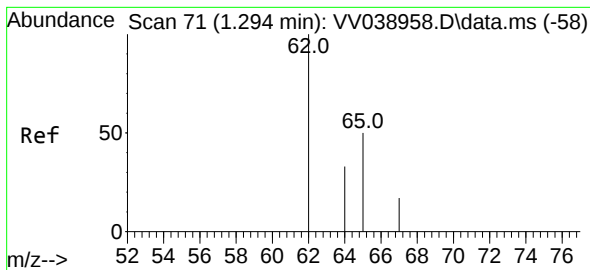
Tgt Ion:114 Resp: 6583
Ion Ratio Lower Upper
114 100
63 20.0 16.0 24.0
88 15.3 12.3 18.5



#2
Vinyl Chloride-d3
Concen: 0.038 ug/L
RT: 1.287 min Scan# 70
Delta R.T. -0.007 min
Lab File: VV038956.D
Acq: 19 Aug 2025 10:29

Tgt Ion: 65 Resp: 234
Ion Ratio Lower Upper
65 100
67 31.6 23.4 43.4





#3

Vinyl chloride

Concen: 0.030 ug/L

RT: 1.294 min Scan# 71

Delta R.T. -0.000 min

Lab File: VV038956.D

Acq: 19 Aug 2025 10:29

Instrument :

MSVOA_V

ClientSampleId :

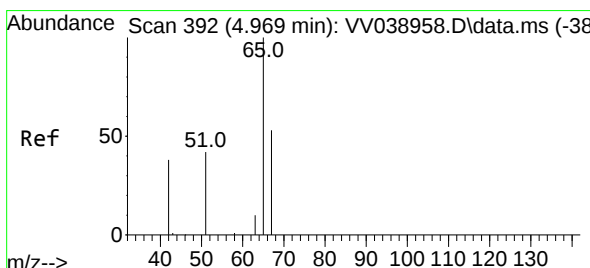
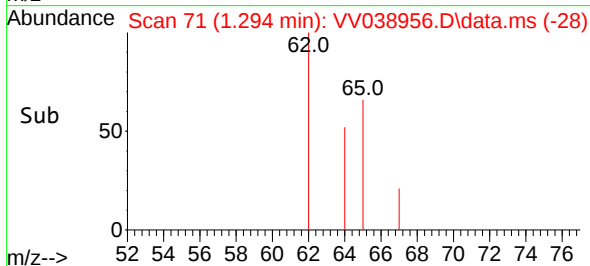
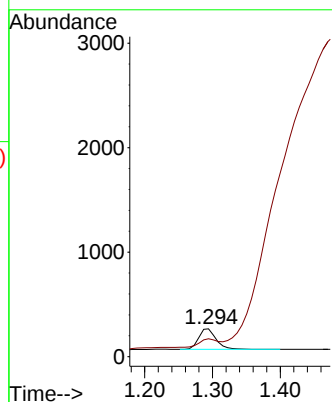
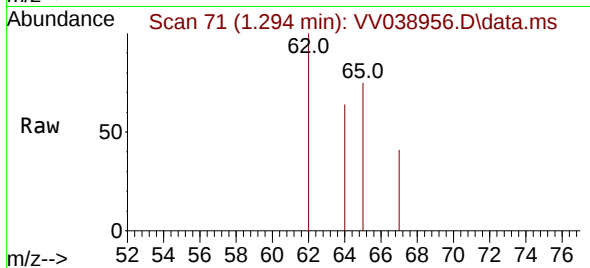
VSTD0.05248

Tgt Ion: 62 Resp: 351

Ion Ratio Lower Upper

62 100

64 64.4 24.4 45.2#



#4

1,2-Dichloroethane-d4

Concen: 0.084 ug/L

RT: 4.993 min Scan# 393

Delta R.T. 0.024 min

Lab File: VV038956.D

Acq: 19 Aug 2025 10:29

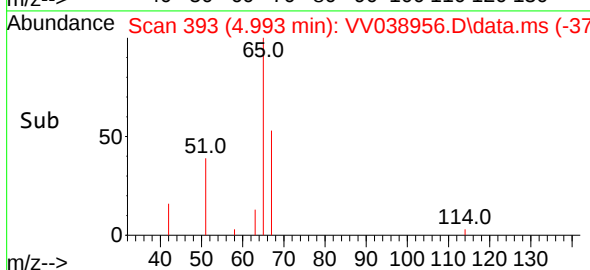
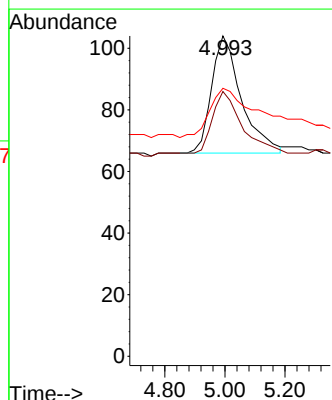
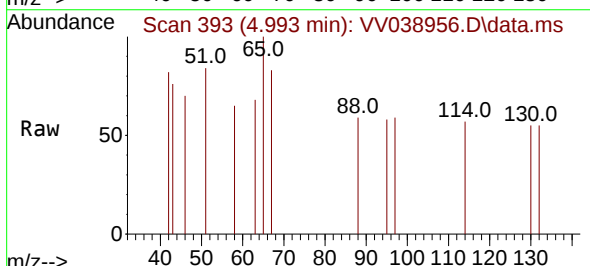
Tgt Ion: 65 Resp: 262

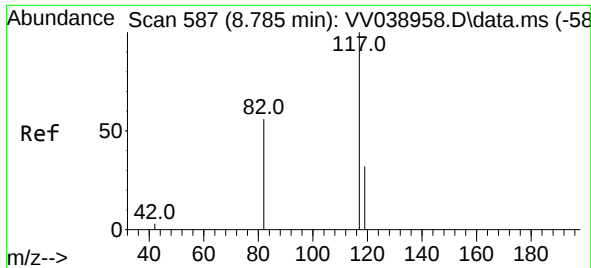
Ion Ratio Lower Upper

65 100

67 51.5 37.2 69.0

51 61.1 33.4 62.0

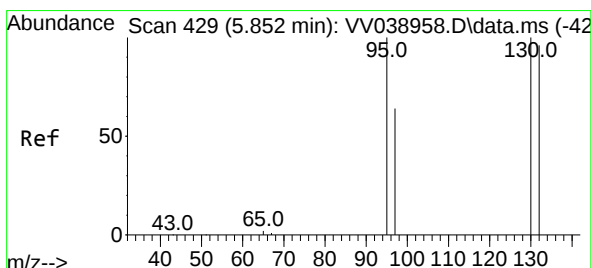
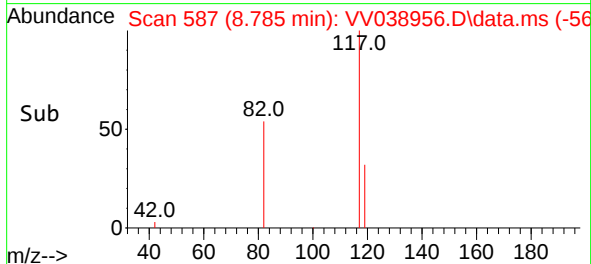
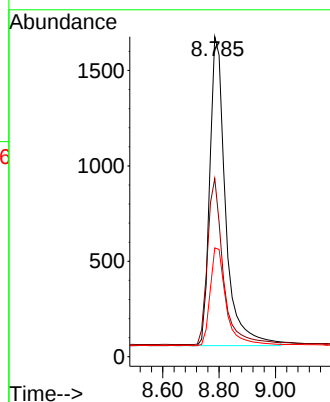
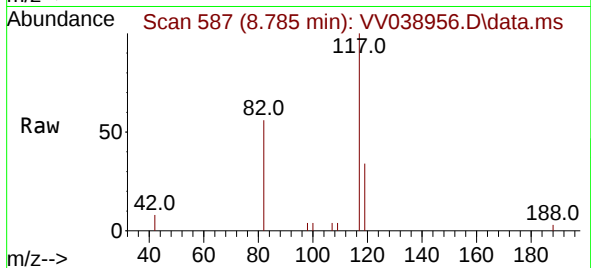




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 587
Delta R.T. -0.000 min
Lab File: VV038956.D
Acq: 19 Aug 2025 10:29

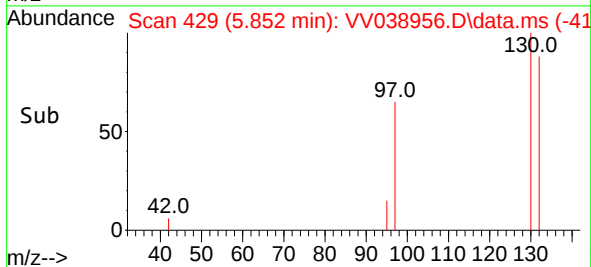
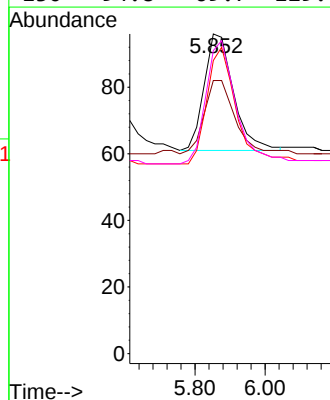
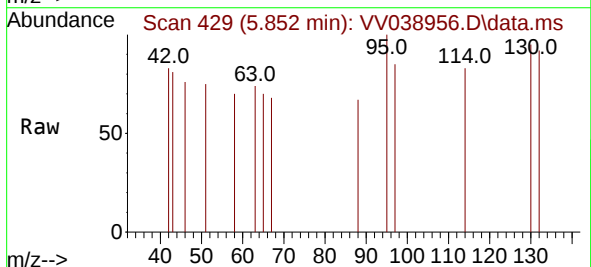
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.05248

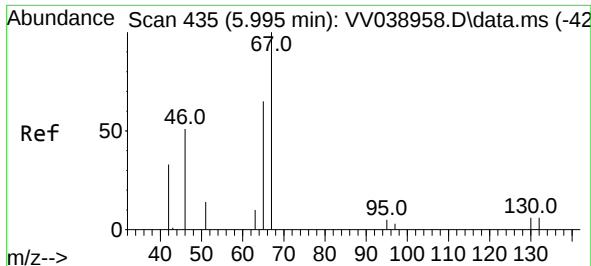
Tgt Ion:	117	Resp:	6313
Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.9	64.3
119	32.3	26.4	39.6



#6
Trichloroethene
Concen: 0.033 ug/L
RT: 5.852 min Scan# 429
Delta R.T. -0.000 min
Lab File: VV038956.D
Acq: 19 Aug 2025 10:29

Tgt Ion:	95	Resp:	205
Ion	Ratio	Lower	Upper
95	100		
97	85.4	47.5	88.1
132	91.7	66.9	124.3
130	94.8	69.7	129.4



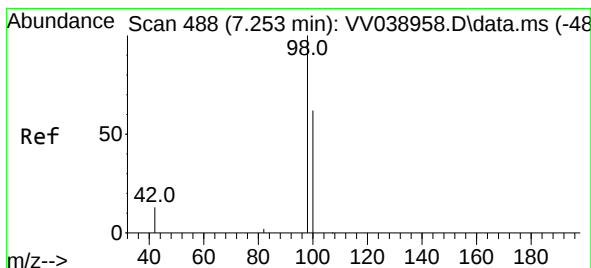
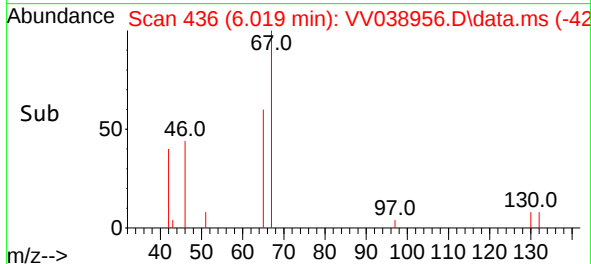
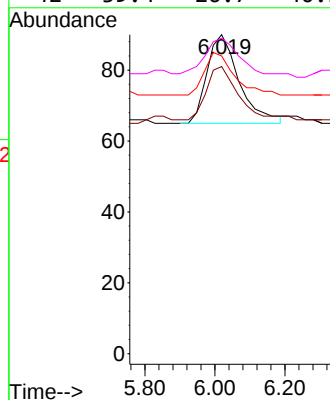
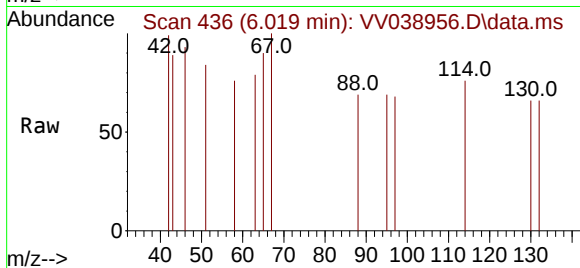


#7
 1,2-Dichloropropane-d6
 Concen: 0.045 ug/L
 RT: 6.019 min Scan# 41
 Delta R.T. 0.024 min
 Lab File: VV038956.D
 Acq: 19 Aug 2025 10:29

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.05248

Tgt Ion: 67 Resp: 160

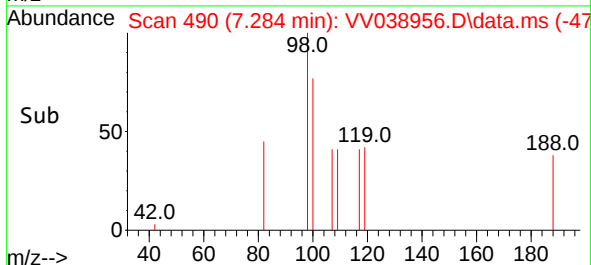
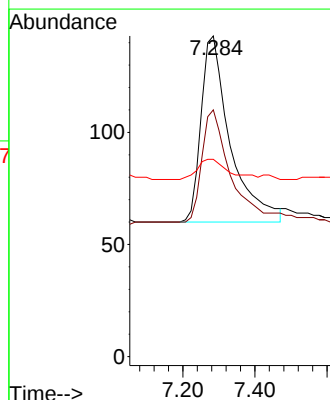
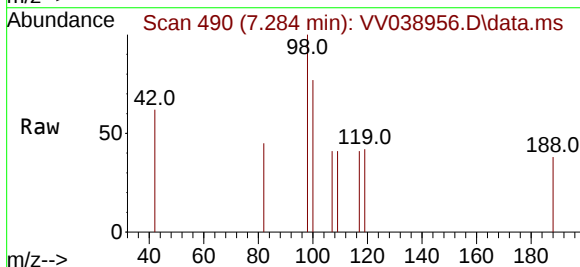
Ion	Ratio	Lower	Upper
67	100		
65	58.1	49.8	74.6
46	43.8	41.3	61.9
42	39.4	26.7	40.1

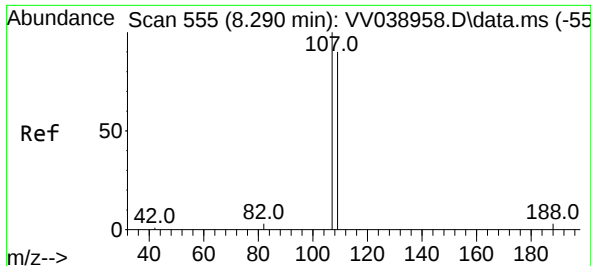


#8
 Toluene-d8
 Concen: 0.064 ug/L
 RT: 7.284 min Scan# 490
 Delta R.T. 0.031 min
 Lab File: VV038956.D
 Acq: 19 Aug 2025 10:29

Tgt Ion: 98 Resp: 467

Ion	Ratio	Lower	Upper
98	100		
100	60.0	43.3	80.3
42	11.3	8.5	15.7

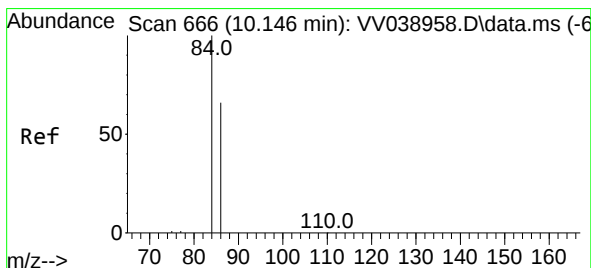
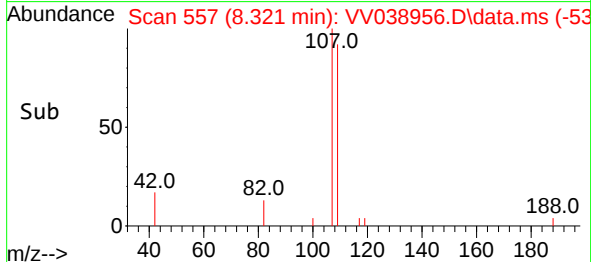
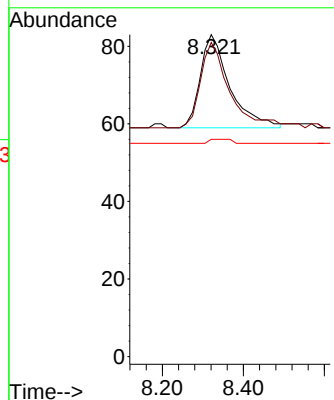
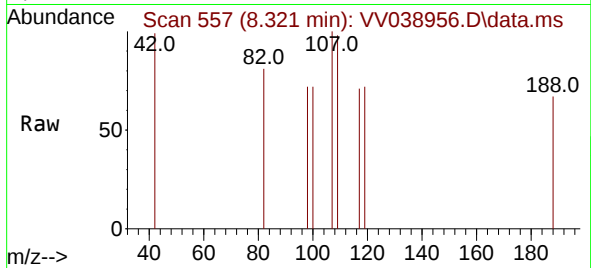




#9
 1,2-Dibromoethane
 Concen: 0.032 ug/L
 RT: 8.321 min Scan# 557
 Delta R.T. 0.031 min
 Lab File: VV038956.D
 Acq: 19 Aug 2025 10:29

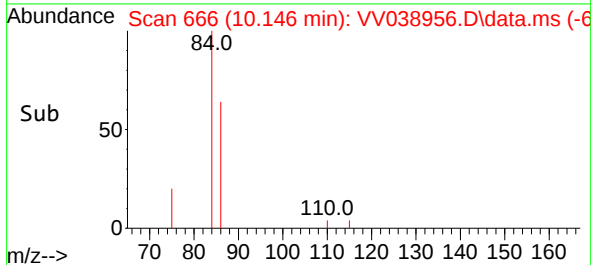
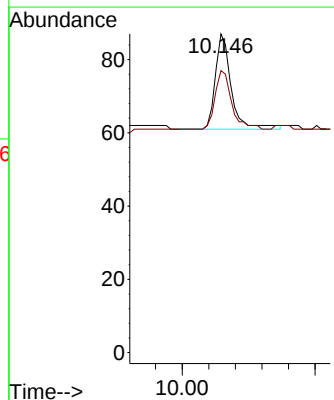
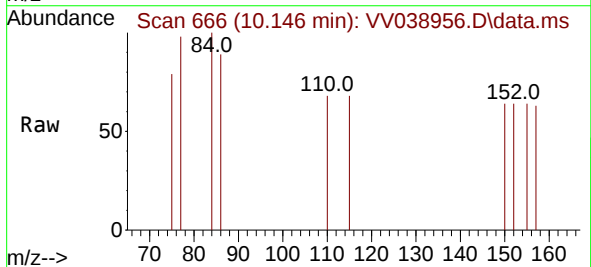
Instrument :
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 ClientSampleId :
 VSTD0.05248

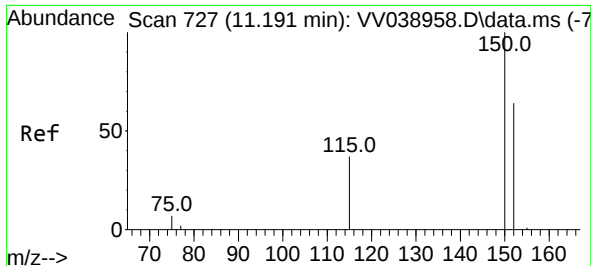
Tgt Ion:107 Resp: 122
 Ion Ratio Lower Upper
 107 100
 109 97.6 64.0 118.8
 188 67.5 11.8 17.6#



#10
 1,1,2,2-Tetrachloroethane-d2
 Concen: 0.043 ug/L
 RT: 10.146 min Scan# 666
 Delta R.T. -0.000 min
 Lab File: VV038956.D
 Acq: 19 Aug 2025 10:29

Tgt Ion: 84 Resp: 108
 Ion Ratio Lower Upper
 84 100
 86 63.9 45.6 84.6

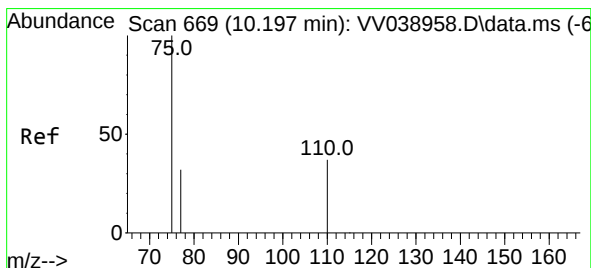
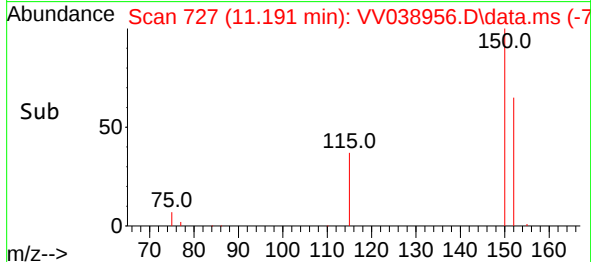
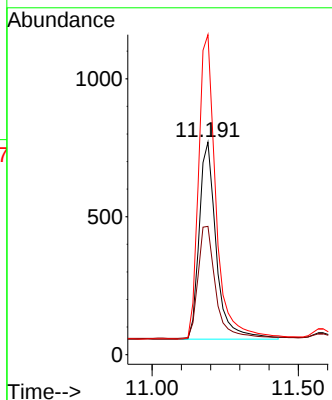
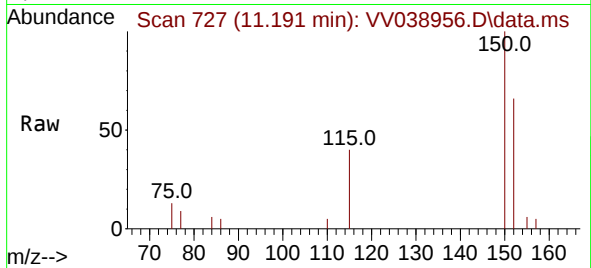




#11
 1,4-Dichlorobenzene-d4
 Concen: 0.500 ug/L
 RT: 11.191 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VV038956.D
 Acq: 19 Aug 2025 10:29

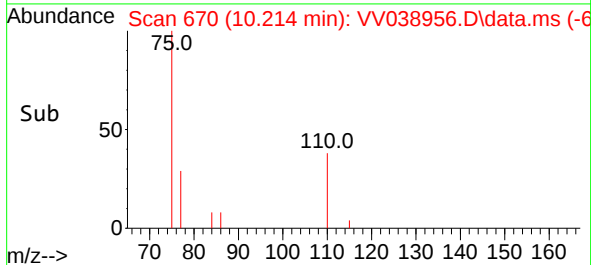
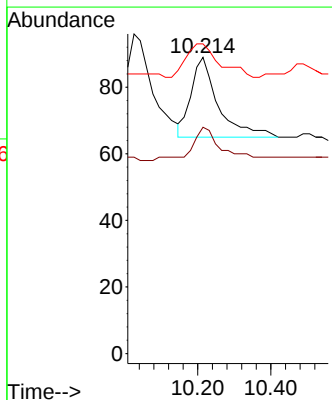
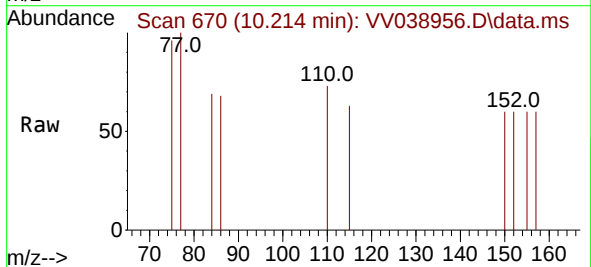
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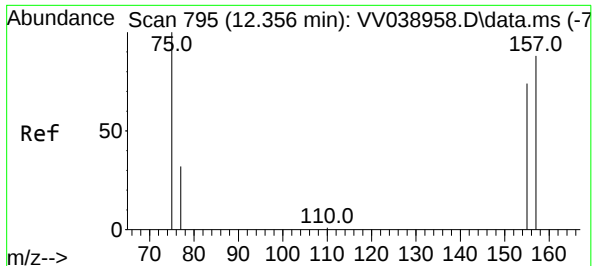
Tgt Ion:	152	Resp:	2914
Ion	Ratio	Lower	Upper
152	100		
115	58.3	0.0	119.6
150	156.8	0.0	318.0



#12
 1,2,3-Trichloropropane
 Concen: 0.038 ug/L
 RT: 10.214 min Scan# 670
 Delta R.T. 0.017 min
 Lab File: VV038956.D
 Acq: 19 Aug 2025 10:29

Tgt Ion:	75	Resp:	124
Ion	Ratio	Lower	Upper
75	100		
110	36.3	32.6	48.8
77	50.8	27.3	40.9





#13

1,2-Dibromo-3-chloropropane

Concen: 0.056 ug/L

RT: 12.356 min Scan# 795

Delta R.T. -0.000 min

Lab File: VV038956.D

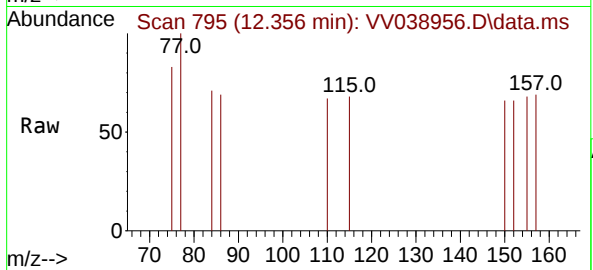
Acq: 19 Aug 2025 10:29

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.05248



Tgt Ion: 75 Resp: 39

Ion Ratio Lower Upper

75 100

157 83.3 69.7 104.5

155 81.9 63.7 95.5

