

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV081925\
 Data File : VV038960.D
 Acq On : 19 Aug 2025 12:11
 Operator : SY/MD
 Sample : VSTD00252
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD002252

Quant Time: Aug 20 03:02:26 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)

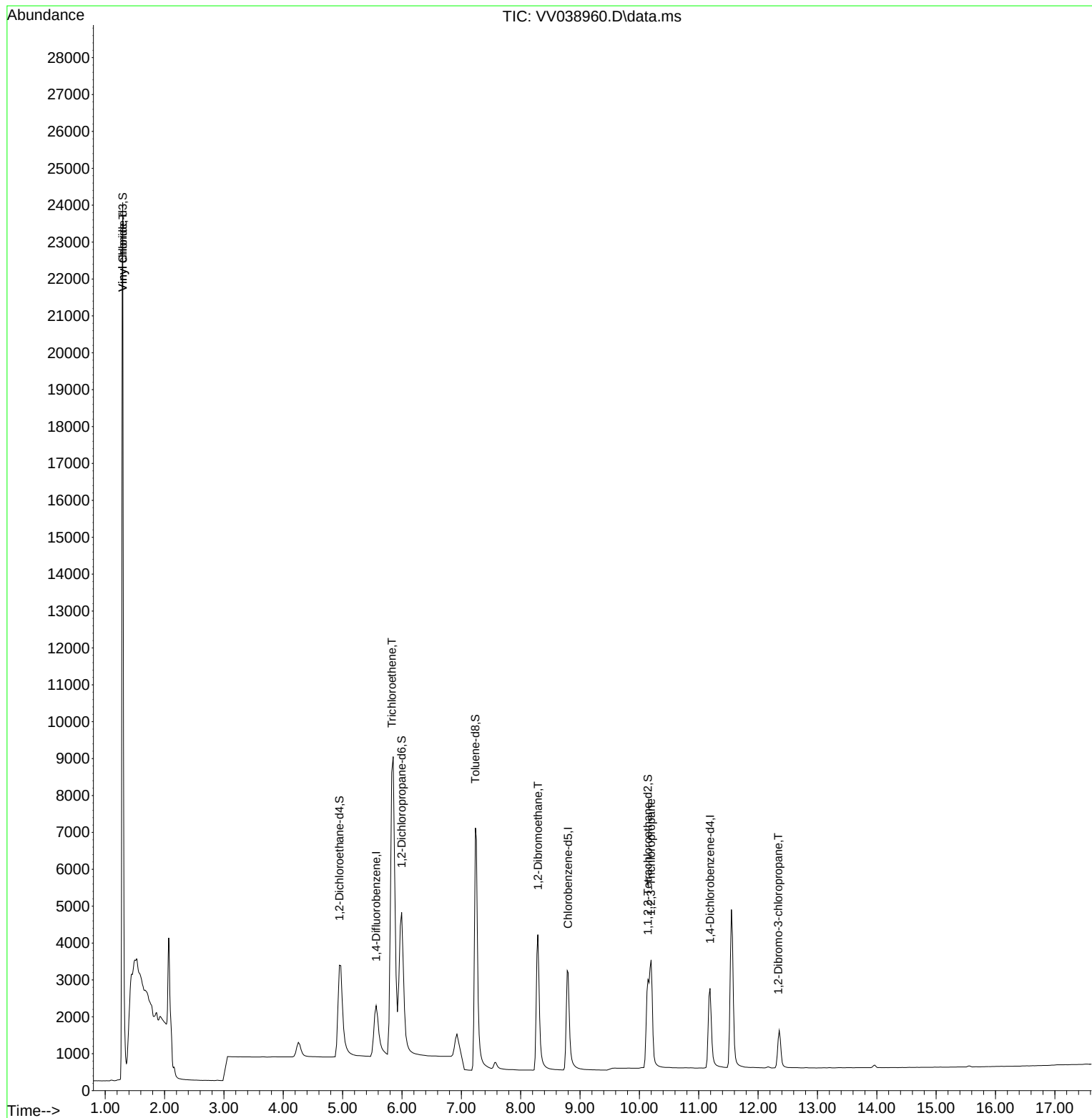
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	5954	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	5826	0.500	ug/L	0.02
11) 1,4-Dichlorobenzene-d4	11.191	152	2565	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	11174	1.987	ug/L	0.00
4) 1,2-Dichloroethane-d4	4.945	65	6146	2.190	ug/L	-0.02
7) 1,2-Dichloropropane-d6	5.995	67	7088	2.150	ug/L	0.00
8) Toluene-d8	7.238	98	14319	2.134	ug/L	-0.02
10) 1,1,2,2-Tetrachloroeth...	10.146	84	4898	2.119	ug/L	0.00
Target Compounds						
						Qvalue
3) Vinyl chloride	1.294	62	21167	1.968	ug/L	97
6) Trichloroethene	5.828	95	11957	2.111	ug/L	89
9) 1,2-Dibromoethane	8.290	107	6932	1.990	ug/L #	94
12) 1,2,3-Trichloropropane	10.197	75	5836	2.006	ug/L	98
13) 1,2-Dibromo-3-chloropr...	12.339	75	1231	2.010	ug/L #	76

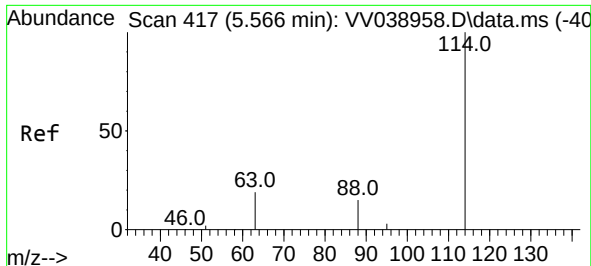
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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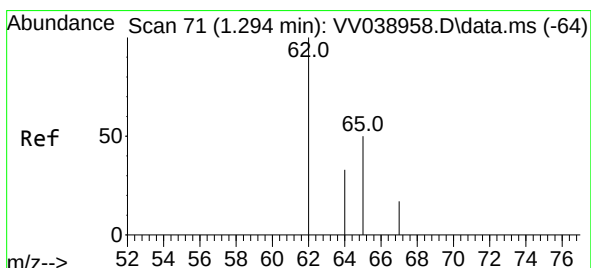
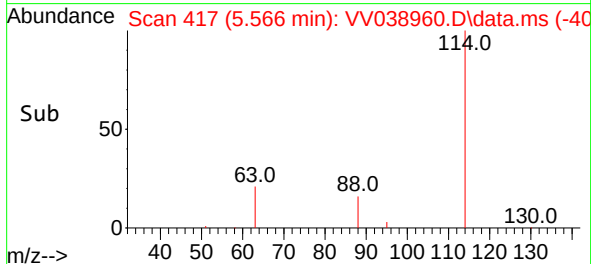
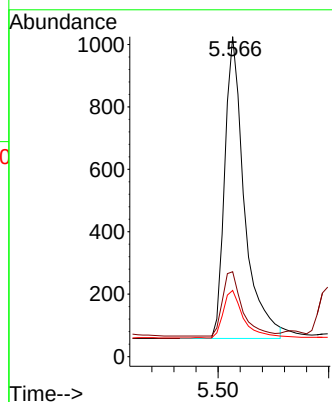
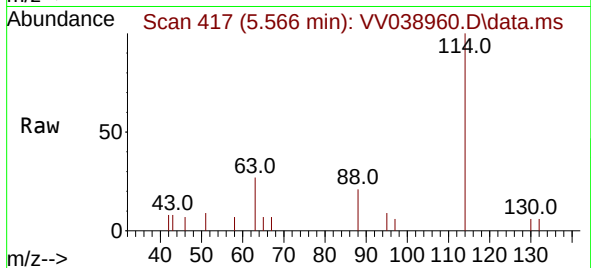




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. -0.000 min
Lab File: VV038960.D
Acq: 19 Aug 2025 12:11

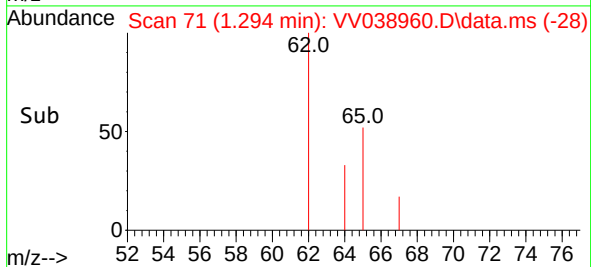
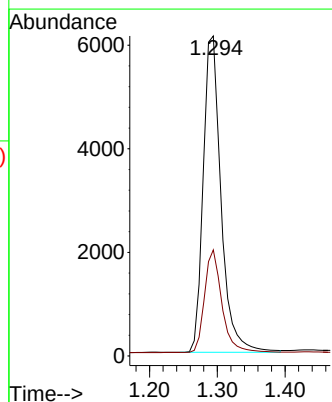
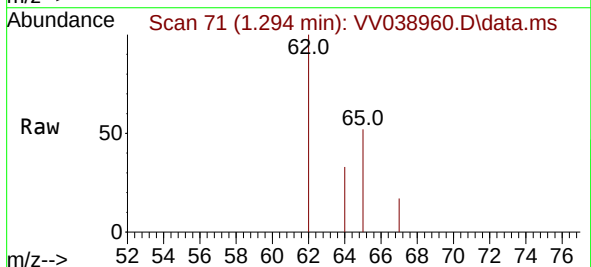
Instrument :
MSVOA_V
ClientSampleId :
VSTD002252

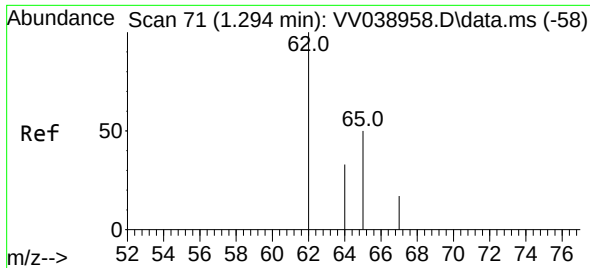
Tgt Ion:	114	Resp:	5954
Ion	Ratio	Lower	Upper
114	100		
63	21.3	16.0	24.0
88	16.0	12.3	18.5



#2
Vinyl Chloride-d3
Concen: 1.987 ug/L
RT: 1.294 min Scan# 71
Delta R.T. -0.000 min
Lab File: VV038960.D
Acq: 19 Aug 2025 12:11

Tgt Ion:	65	Resp:	11174
Ion	Ratio	Lower	Upper
65	100		
67	31.8	23.4	43.4

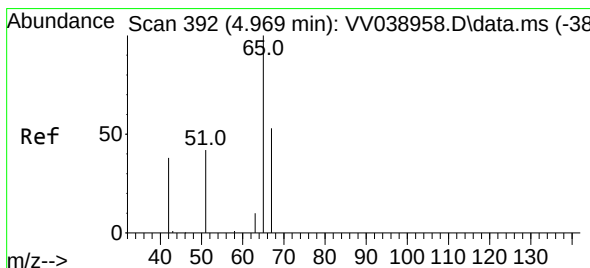
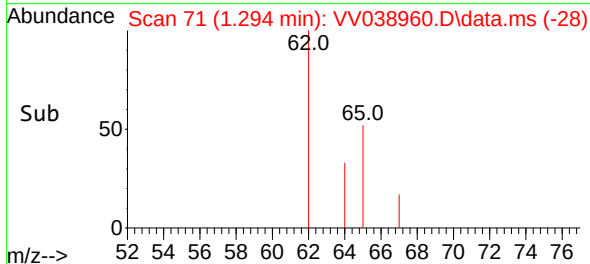
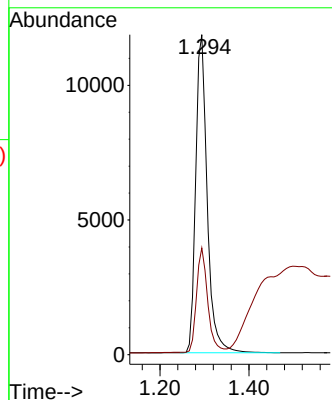
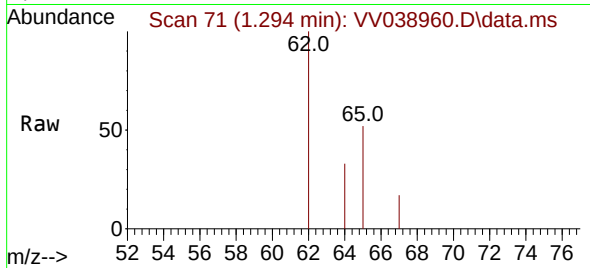




#3
 Vinyl chloride
 Concen: 1.968 ug/L
 RT: 1.294 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VV038960.D
 Acq: 19 Aug 2025 12:11

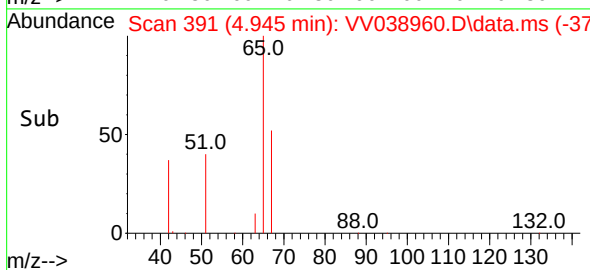
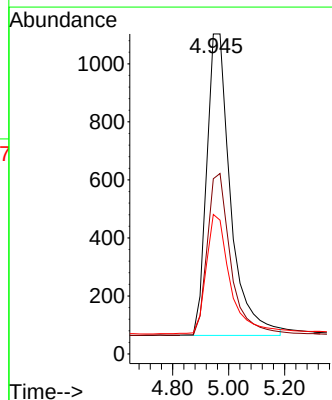
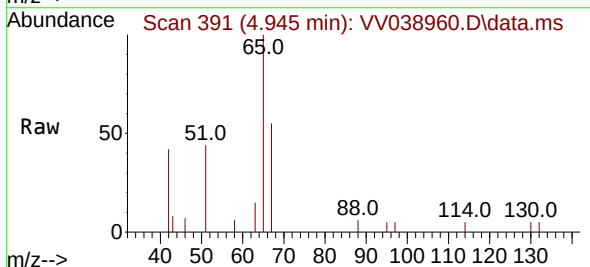
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD002252

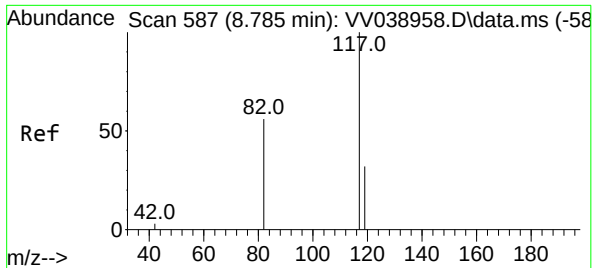
Tgt Ion: 62 Resp: 21167
 Ion Ratio Lower Upper
 62 100
 64 33.3 24.4 45.2



#4
 1,2-Dichloroethane-d4
 Concen: 2.190 ug/L
 RT: 4.945 min Scan# 391
 Delta R.T. -0.024 min
 Lab File: VV038960.D
 Acq: 19 Aug 2025 12:11

Tgt Ion: 65 Resp: 6146
 Ion Ratio Lower Upper
 65 100
 67 52.8 37.2 69.0
 51 40.0 33.4 62.0

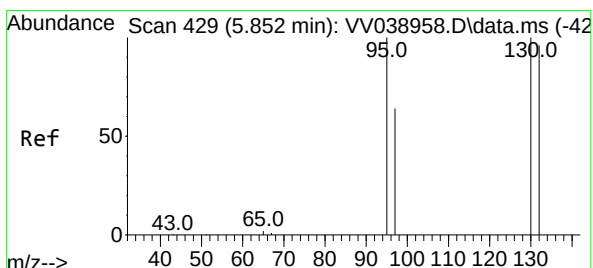
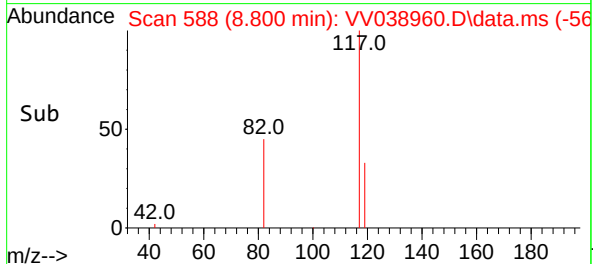
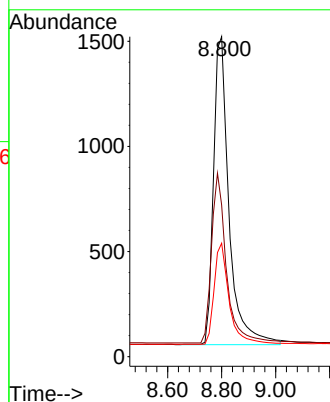
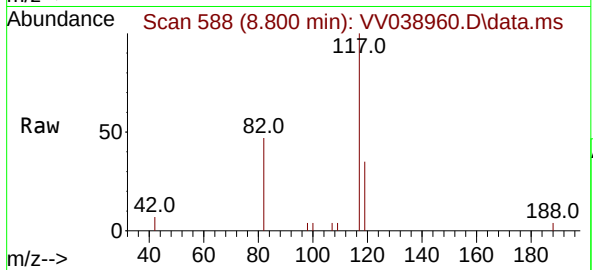




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 51
Delta R.T. 0.015 min
Lab File: VV038960.D
Acq: 19 Aug 2025 12:11

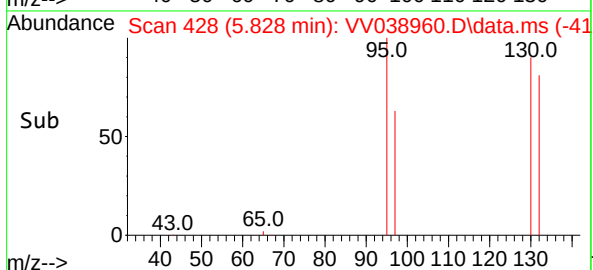
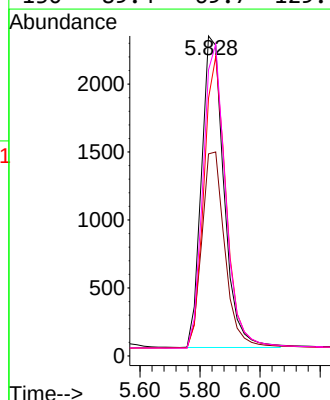
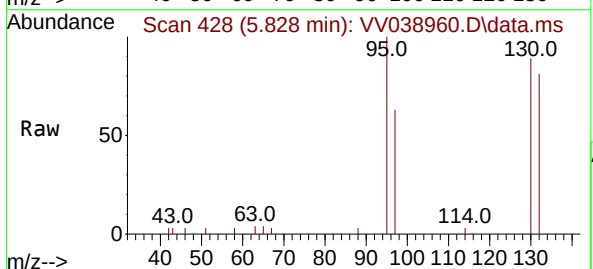
Instrument :
MSVOA_V
ClientSampleId :
VSTD002252

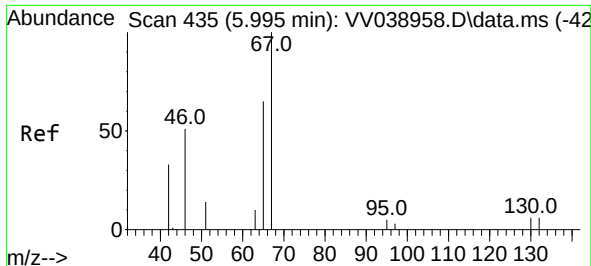
Tgt Ion:	117	Resp:	5826
Ion	Ratio	Lower	Upper
117	100		
82	53.1	42.9	64.3
119	32.0	26.4	39.6



#6
Trichloroethene
Concen: 2.111 ug/L
RT: 5.828 min Scan# 428
Delta R.T. -0.024 min
Lab File: VV038960.D
Acq: 19 Aug 2025 12:11

Tgt Ion:	95	Resp:	11957
Ion	Ratio	Lower	Upper
95	100		
97	63.2	47.5	88.1
132	80.5	66.9	124.3
130	89.4	69.7	129.4

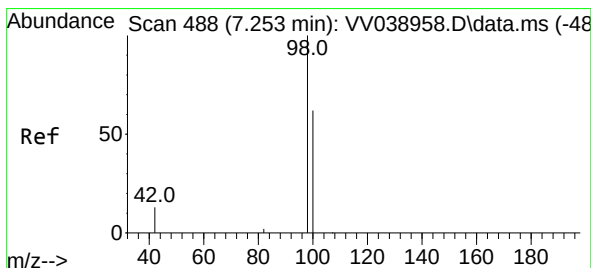
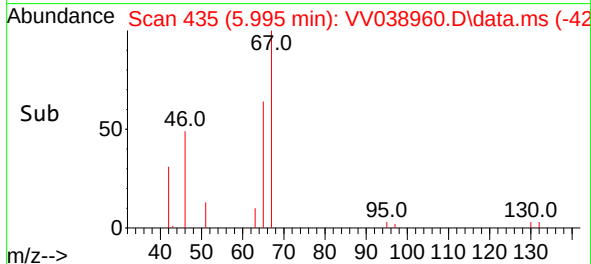
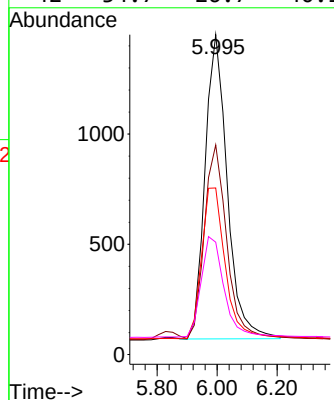
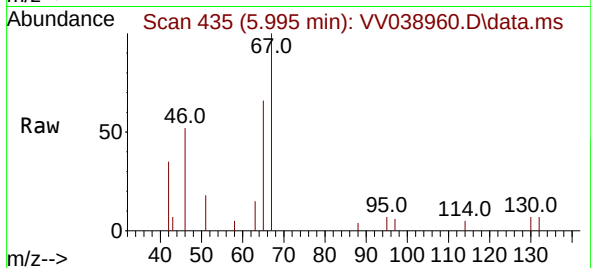




#7
1,2-Dichloropropane-d6
Concen: 2.150 ug/L
RT: 5.995 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV038960.D
Acq: 19 Aug 2025 12:11

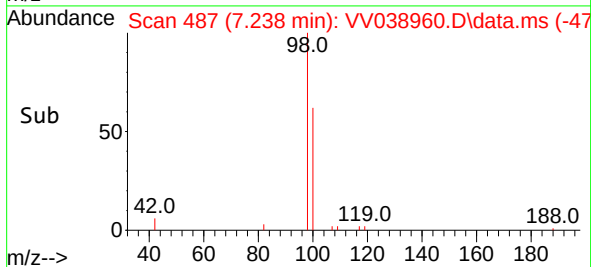
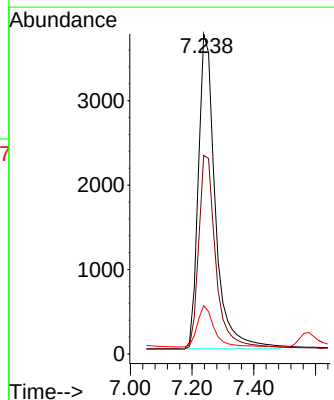
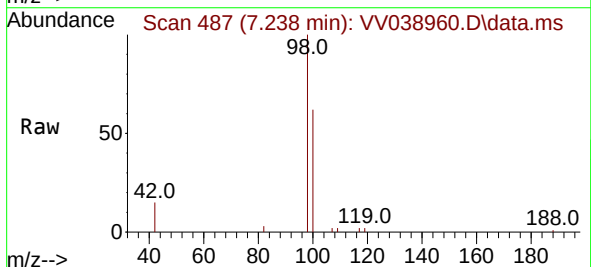
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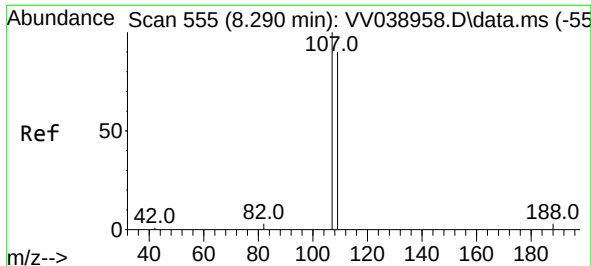
Tgt Ion:	67	Resp:	7088
Ion	Ratio	Lower	Upper
67	100		
65	64.3	49.8	74.6
46	53.0	41.3	61.9
42	34.7	26.7	40.1



#8
Toluene-d8
Concen: 2.134 ug/L
RT: 7.238 min Scan# 487
Delta R.T. -0.016 min
Lab File: VV038960.D
Acq: 19 Aug 2025 12:11

Tgt Ion:	98	Resp:	14319
Ion	Ratio	Lower	Upper
98	100		
100	62.3	43.3	80.3
42	12.7	8.5	15.7

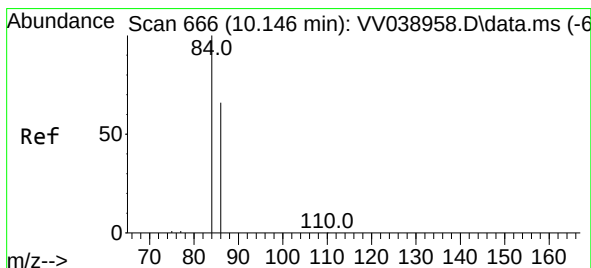
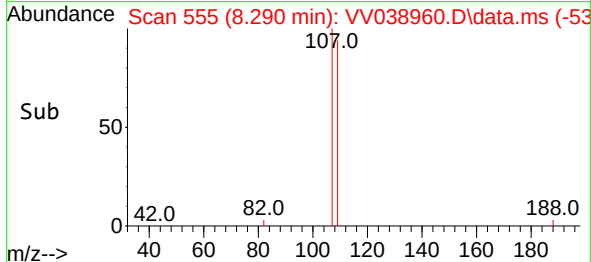
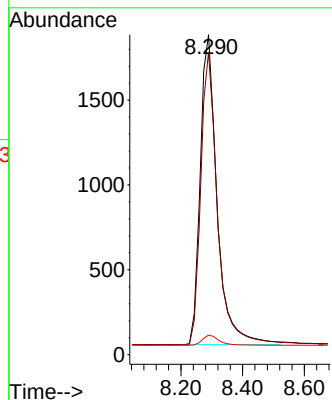
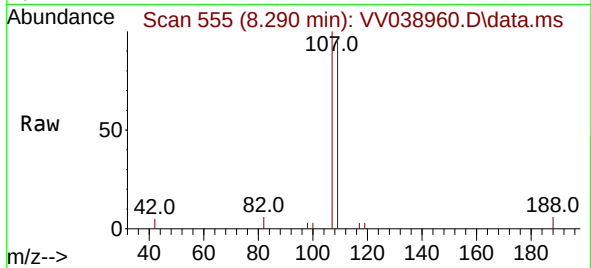




#9
 1,2-Dibromoethane
 Concen: 1.990 ug/L
 RT: 8.290 min Scan# 555
 Delta R.T. -0.000 min
 Lab File: VV038960.D
 Acq: 19 Aug 2025 12:11

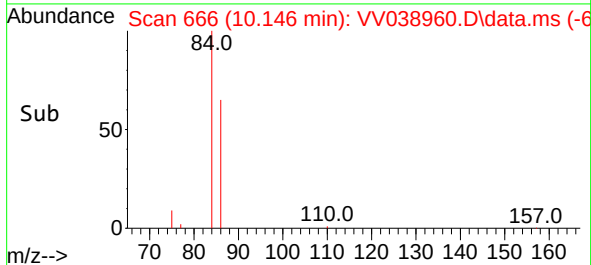
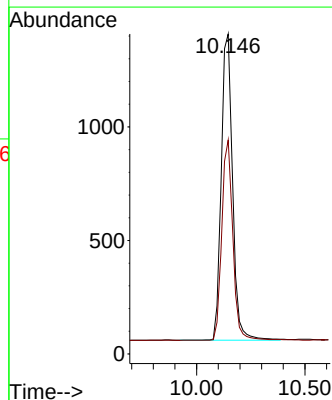
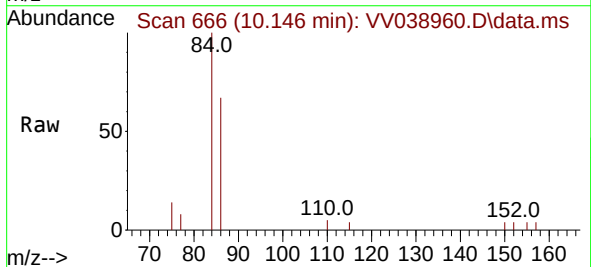
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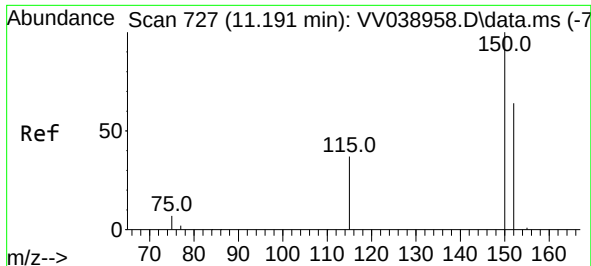
Tgt Ion:107 Resp: 6932
 Ion Ratio Lower Upper
 107 100
 109 94.5 64.0 118.8
 188 6.1 11.8 17.6#



#10
 1,1,2,2-Tetrachloroethane-d2
 Concen: 2.119 ug/L
 RT: 10.146 min Scan# 666
 Delta R.T. -0.000 min
 Lab File: VV038960.D
 Acq: 19 Aug 2025 12:11

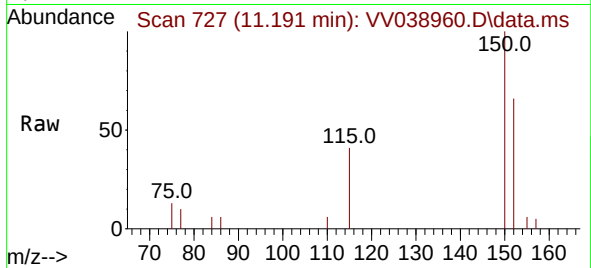
Tgt Ion: 84 Resp: 4898
 Ion Ratio Lower Upper
 84 100
 86 64.1 45.6 84.6



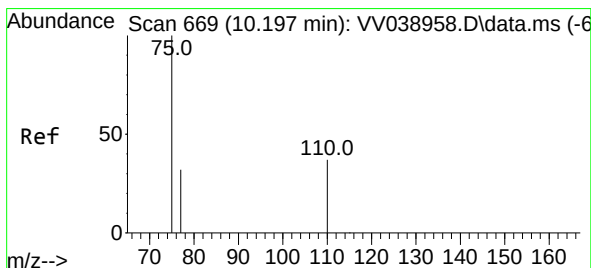
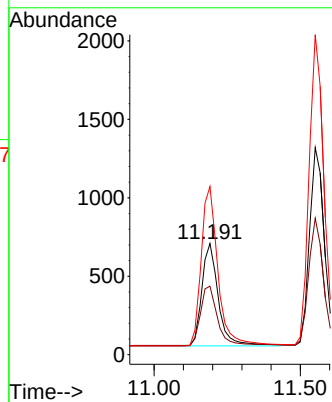
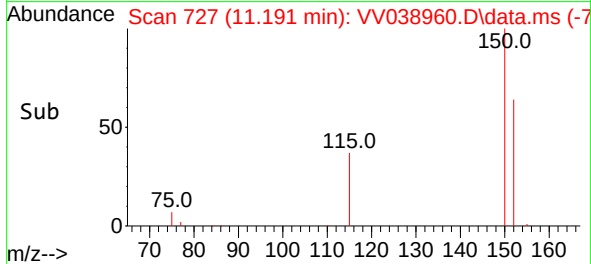


#11
 1,4-Dichlorobenzene-d4
 Concen: 0.500 ug/L
 RT: 11.191 min Scan# 727
 Delta R.T. -0.000 min
 Lab File: VV038960.D
 Acq: 19 Aug 2025 12:11

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD002252

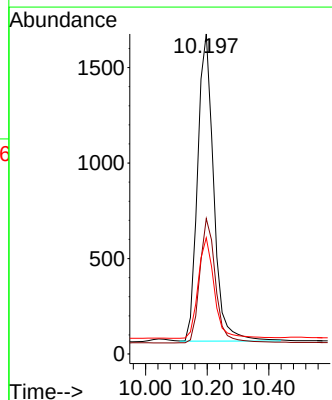
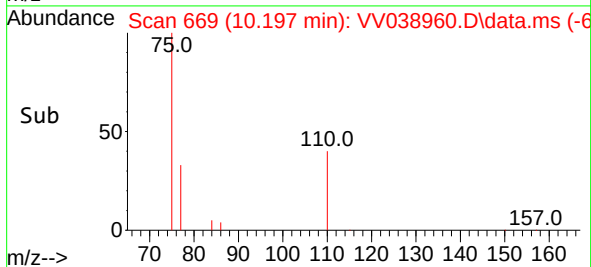
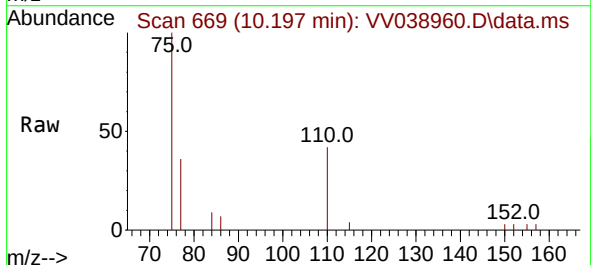


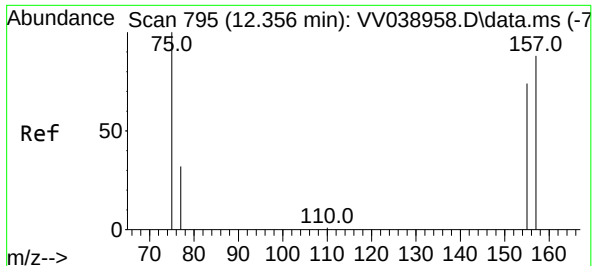
Tgt Ion:152 Resp: 2565
 Ion Ratio Lower Upper
 152 100
 115 59.3 0.0 119.6
 150 158.1 0.0 318.0



#12
 1,2,3-Trichloropropane
 Concen: 2.006 ug/L
 RT: 10.197 min Scan# 669
 Delta R.T. -0.000 min
 Lab File: VV038960.D
 Acq: 19 Aug 2025 12:11

Tgt Ion: 75 Resp: 5836
 Ion Ratio Lower Upper
 75 100
 110 39.8 32.6 48.8
 77 32.8 27.3 40.9





#13

1,2-Dibromo-3-chloropropane

Concen: 2.010 ug/L

RT: 12.339 min Scan# 79

Delta R.T. -0.017 min

Lab File: VV038960.D

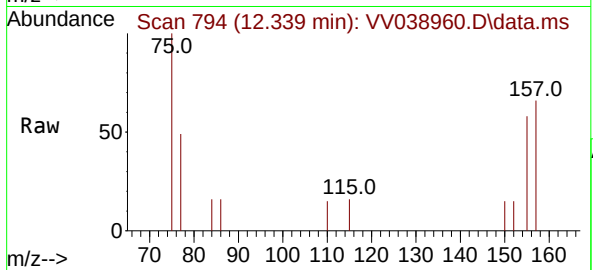
Acq: 19 Aug 2025 12:11

Instrument :

MSVOA_V

ClientSampleId :

VSTD002252



Tgt Ion: 75 Resp: 1231

Ion Ratio Lower Upper

75 100

157 66.2 69.7 104.5#

155 57.9 63.7 95.5#

