

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV081925\
 Data File : VV038962.D
 Acq On : 19 Aug 2025 12:55
 Operator : SY/MD
 Sample : VSTD0.0553
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.0253

Quant Time: Aug 20 03:15:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM081925.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 20 03:08:01 2025
 Response via : Initial Calibration

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

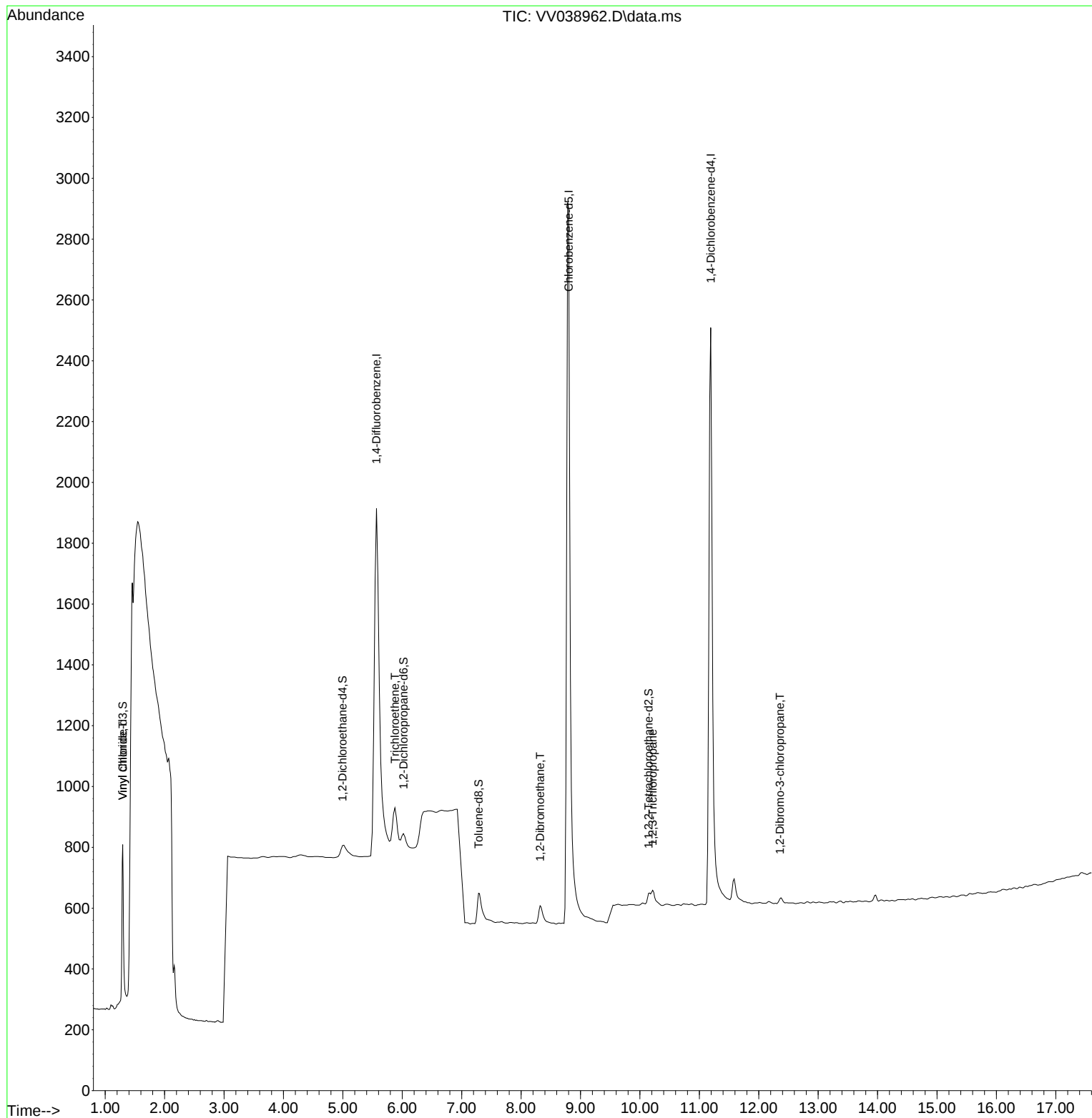
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	5037	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	5216	0.500	ug/L	0.02
11) 1,4-Dichlorobenzene-d4	11.191	152	2327	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	254	0.055	ug/L	0.00
4) 1,2-Dichloroethane-d4	4.993	65	157	0.058	ug/L	0.02
7) 1,2-Dichloropropane-d6	6.019	67	112	0.039	ug/L	0.02
8) Toluene-d8	7.284	98	346	0.054	ug/L	0.03
10) 1,1,2,2-Tetrachloroeth...	10.146	84	105	0.051	ug/L	0.00
Target Compounds						
						Qvalue
3) Vinyl chloride	1.294	62	571	0.064	ug/L #	71
6) Trichloroethene	5.876	95	206	0.044	ug/L	93
9) 1,2-Dibromoethane	8.321	107	134	0.049	ug/L #	77
12) 1,2,3-Trichloropropane	10.214	75	122	0.051	ug/L	96
13) 1,2-Dibromo-3-chloropr...	12.357	75	31	0.056	ug/L	97

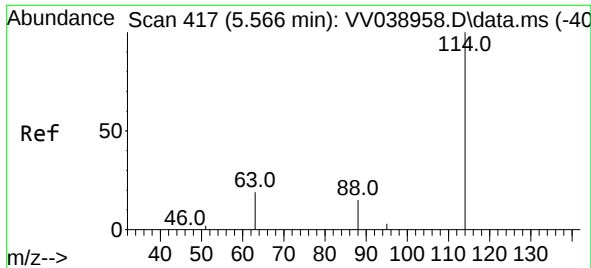
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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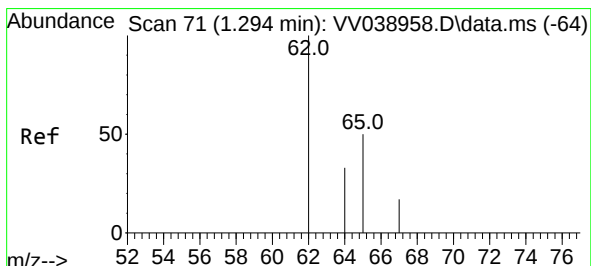
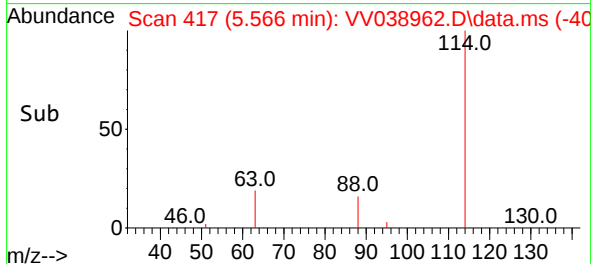
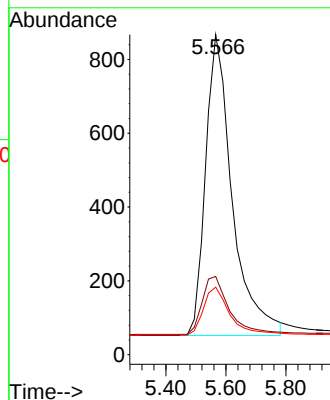
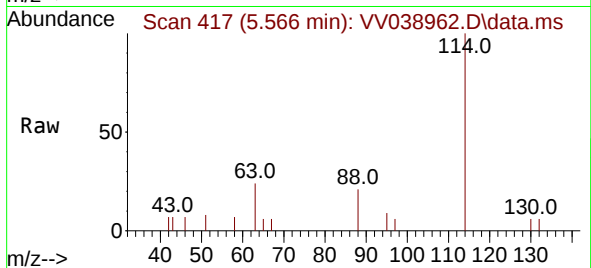




#1
 1,4-Difluorobenzene
 Concen: 0.500 ug/L
 RT: 5.566 min Scan# 417
 Delta R.T. 0.000 min
 Lab File: VV038962.D
 Acq: 19 Aug 2025 12:55

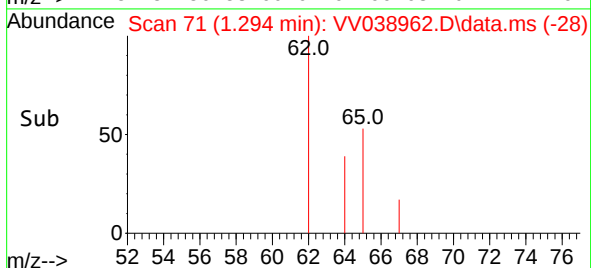
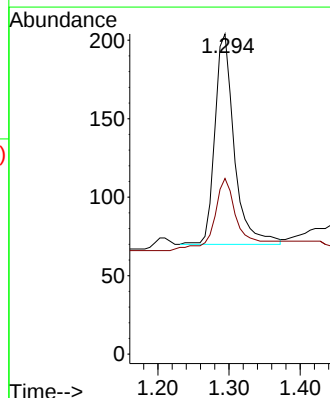
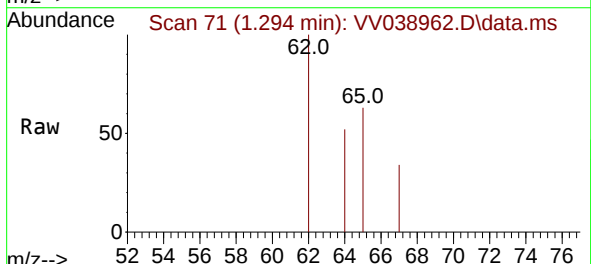
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.0253

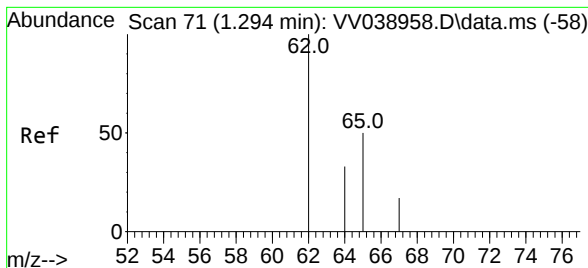
Tgt Ion:	114	Resp:	5037
Ion	Ratio	Lower	Upper
114	100		
63	19.5	16.0	24.0
88	15.7	12.3	18.5



#2
 Vinyl Chloride-d3
 Concen: 0.055 ug/L
 RT: 1.294 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV038962.D
 Acq: 19 Aug 2025 12:55

Tgt Ion:	65	Resp:	254
Ion	Ratio	Lower	Upper
65	100		
67	41.3	23.4	43.4





#3

Vinyl chloride

Concen: 0.064 ug/L

RT: 1.294 min Scan# 71

Delta R.T. 0.000 min

Lab File: VV038962.D

Acq: 19 Aug 2025 12:55

Instrument :

MSVOA_V

ClientSampleId :

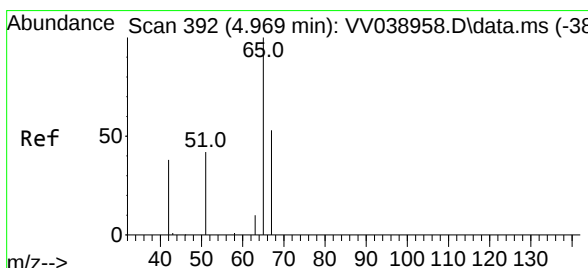
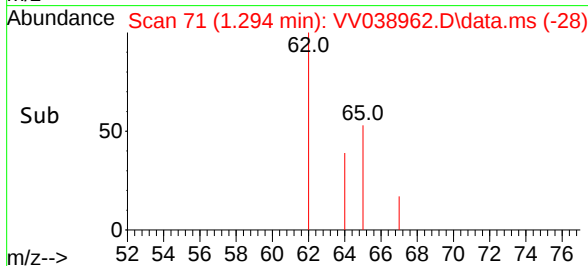
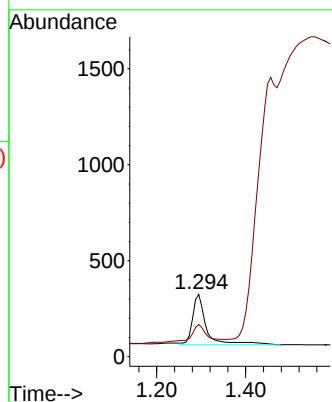
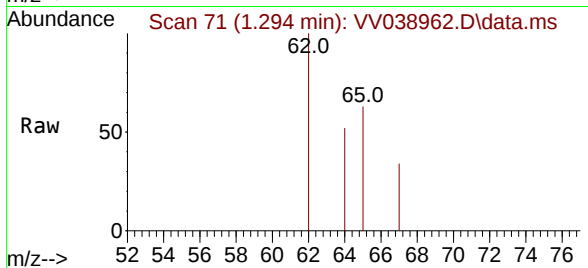
VSTD0.0253

Tgt Ion: 62 Resp: 571

Ion Ratio Lower Upper

62 100

64 51.7 24.4 45.2#



#4

1,2-Dichloroethane-d4

Concen: 0.058 ug/L

RT: 4.993 min Scan# 393

Delta R.T. 0.024 min

Lab File: VV038962.D

Acq: 19 Aug 2025 12:55

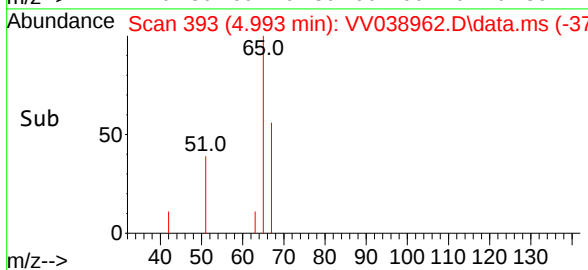
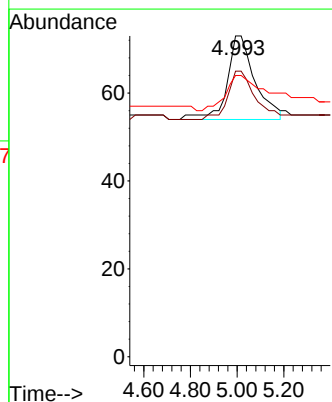
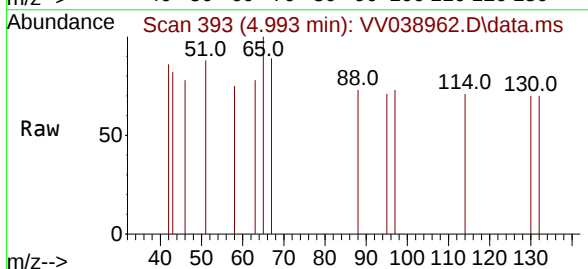
Tgt Ion: 65 Resp: 157

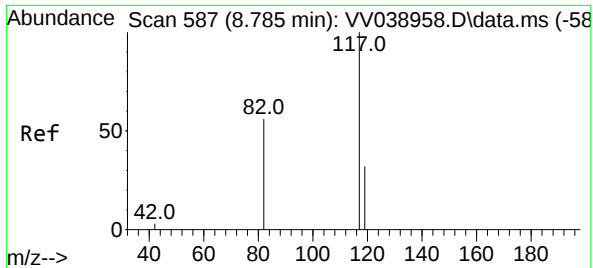
Ion Ratio Lower Upper

65 100

67 56.7 37.2 69.0

51 54.8 33.4 62.0

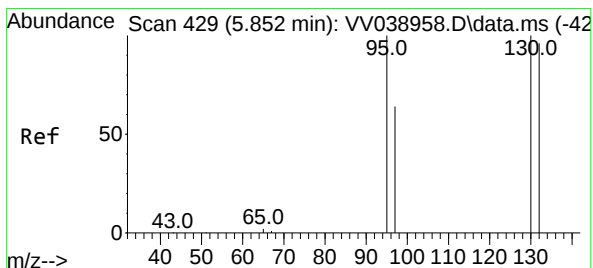
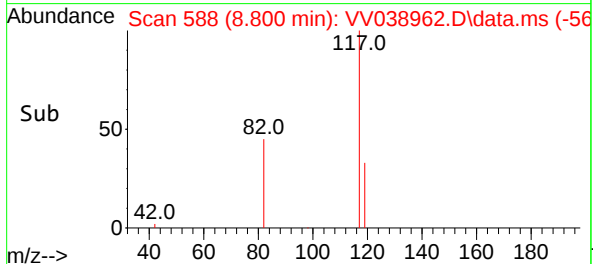
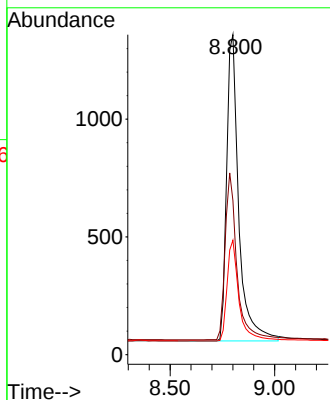
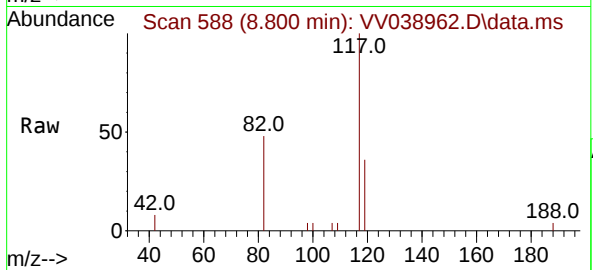




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 51
Delta R.T. 0.016 min
Lab File: VV038962.D
Acq: 19 Aug 2025 12:55

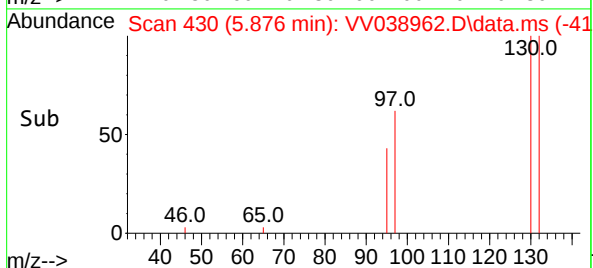
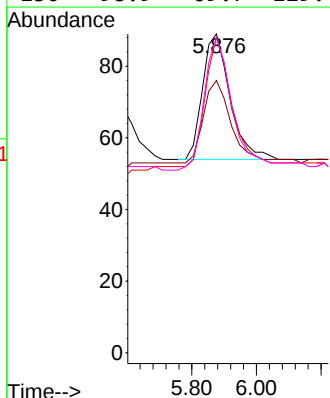
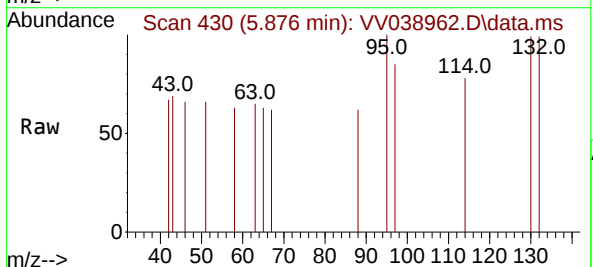
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.0253

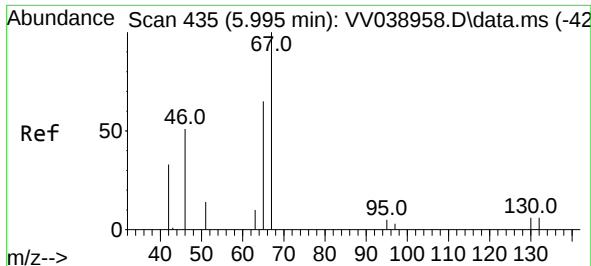
Tgt Ion:	117	Resp:	5216
Ion	Ratio	Lower	Upper
117	100		
82	53.4	42.9	64.3
119	32.4	26.4	39.6



#6
Trichloroethene
Concen: 0.044 ug/L
RT: 5.876 min Scan# 430
Delta R.T. 0.024 min
Lab File: VV038962.D
Acq: 19 Aug 2025 12:55

Tgt Ion:	95	Resp:	206
Ion	Ratio	Lower	Upper
95	100		
97	85.4	47.5	88.1
132	98.9	66.9	124.3
130	98.9	69.7	129.4

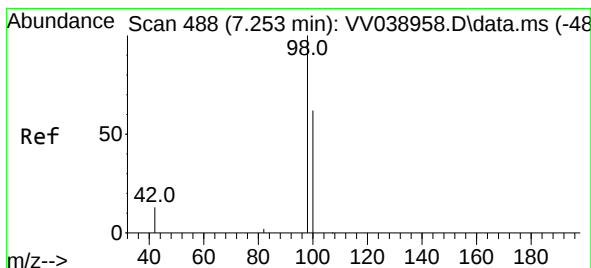
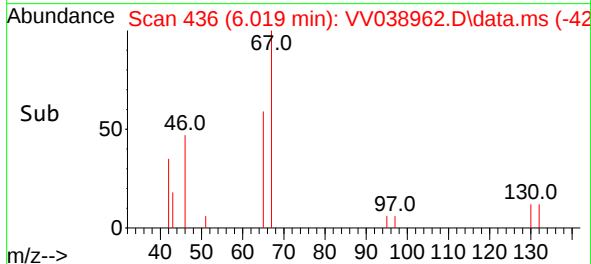
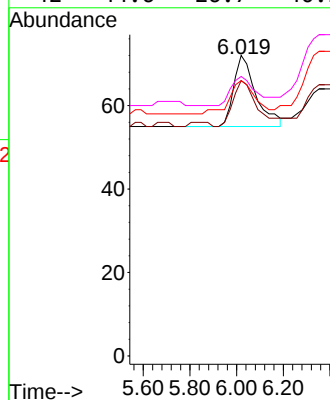
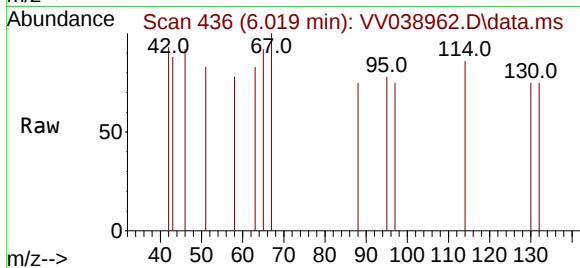




#7
 1,2-Dichloropropane-d6
 Concen: 0.039 ug/L
 RT: 6.019 min Scan# 411
 Delta R.T. 0.024 min
 Lab File: VV038962.D
 Acq: 19 Aug 2025 12:55

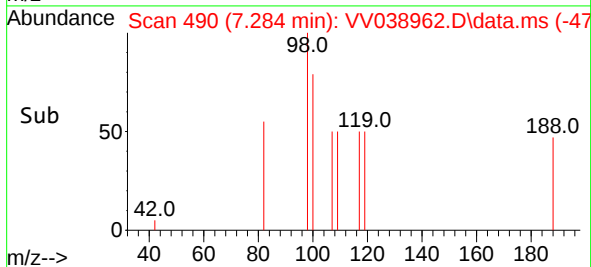
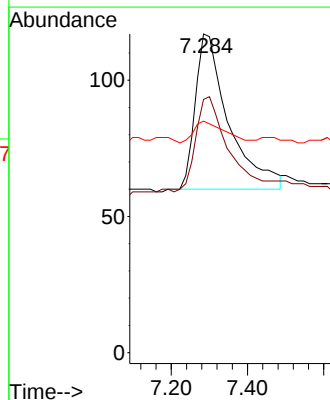
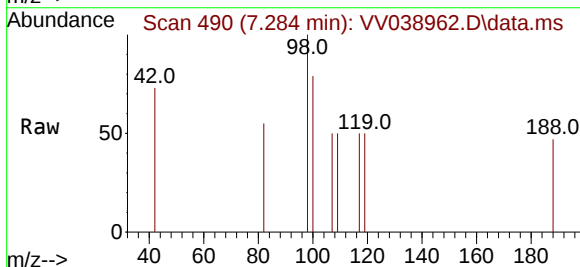
Instrument :
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 ClientSampleId :
 VSTD0.0253

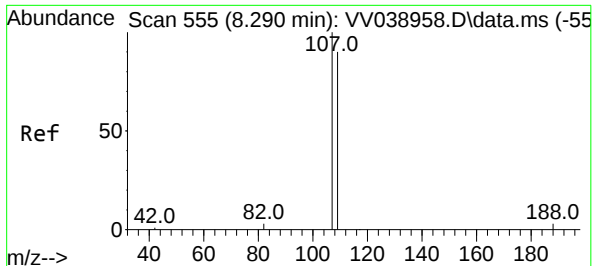
Tgt Ion: 67 Resp: 112
 Ion Ratio Lower Upper
 67 100
 65 66.1 49.8 74.6
 46 52.7 41.3 61.9
 42 44.6 26.7 40.1#



#8
 Toluene-d8
 Concen: 0.054 ug/L
 RT: 7.284 min Scan# 490
 Delta R.T. 0.031 min
 Lab File: VV038962.D
 Acq: 19 Aug 2025 12:55

Tgt Ion: 98 Resp: 346
 Ion Ratio Lower Upper
 98 100
 100 56.1 43.3 80.3
 42 13.0 8.5 15.7

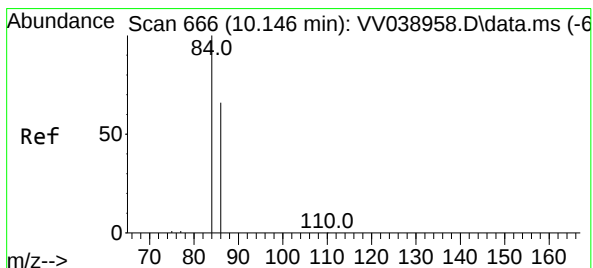
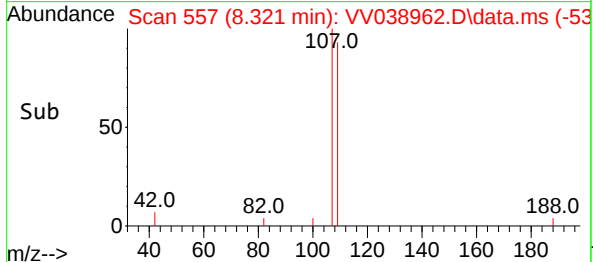
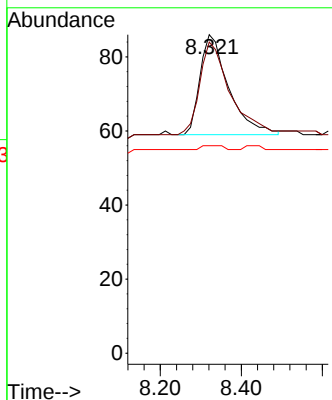
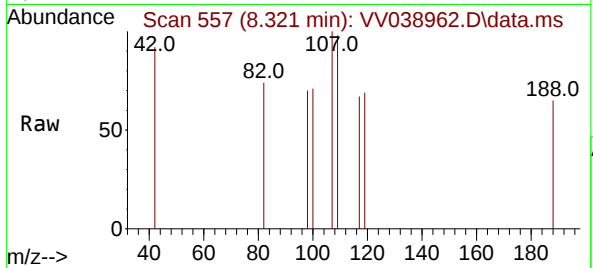




#9
 1,2-Dibromoethane
 Concen: 0.049 ug/L
 RT: 8.321 min Scan# 557
 Delta R.T. 0.031 min
 Lab File: VV038962.D
 Acq: 19 Aug 2025 12:55

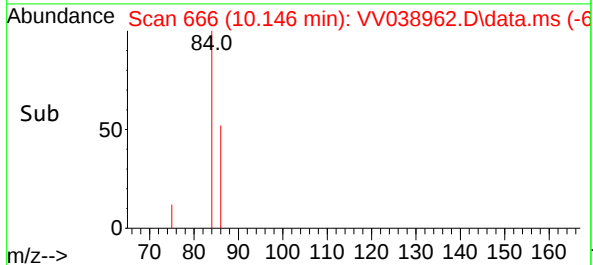
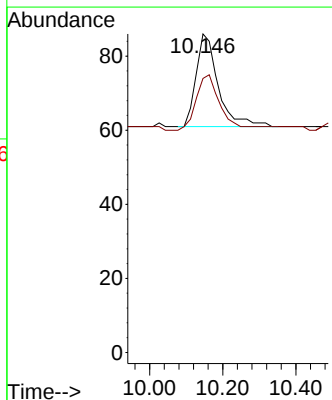
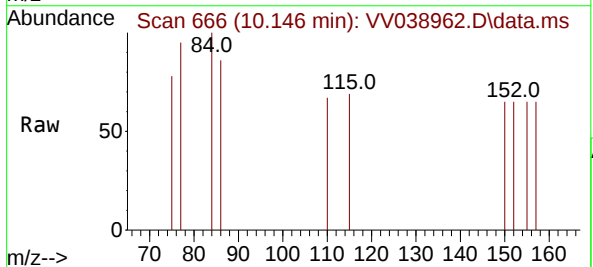
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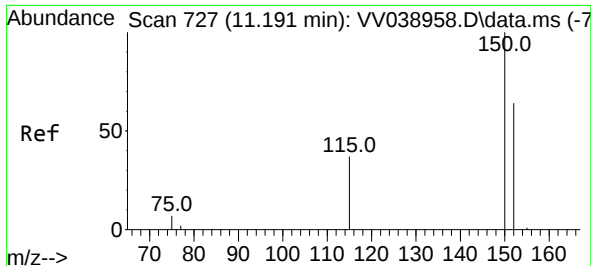
Tgt Ion:107 Resp: 134
 Ion Ratio Lower Upper
 107 100
 109 97.7 64.0 118.8
 188 65.1 11.8 17.6#



#10
 1,1,2,2-Tetrachloroethane-d2
 Concen: 0.051 ug/L
 RT: 10.146 min Scan# 666
 Delta R.T. 0.000 min
 Lab File: VV038962.D
 Acq: 19 Aug 2025 12:55

Tgt Ion: 84 Resp: 105
 Ion Ratio Lower Upper
 84 100
 86 63.8 45.6 84.6

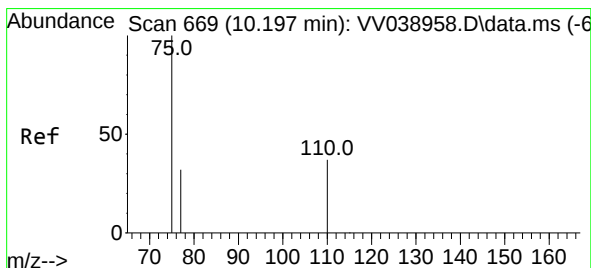
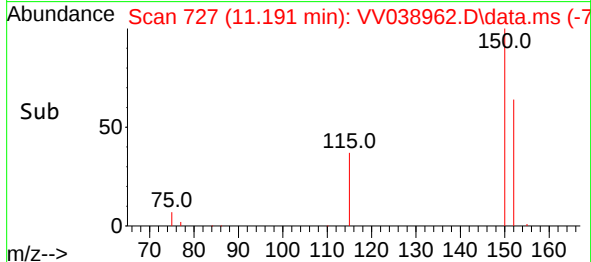
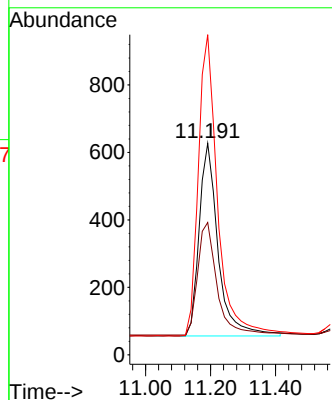
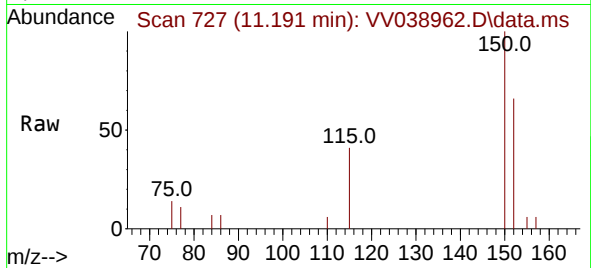




#11
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.191 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV038962.D
Acq: 19 Aug 2025 12:55

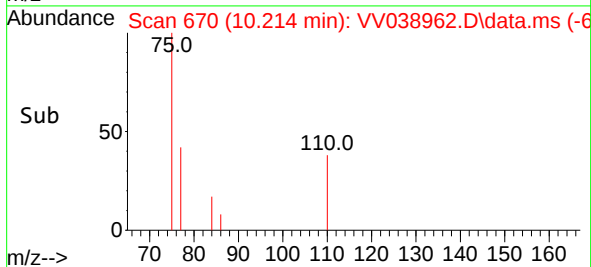
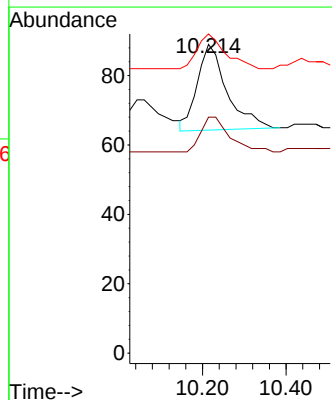
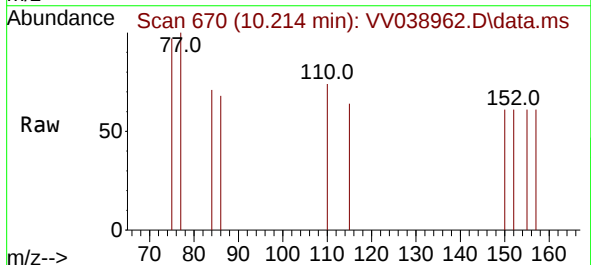
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VSTD0.0253

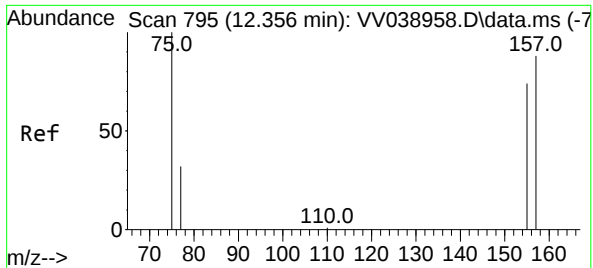
Tgt Ion:152 Resp: 2327
Ion Ratio Lower Upper
152 100
115 59.4 0.0 119.6
150 158.1 0.0 318.0



#12
1,2,3-Trichloropropane
Concen: 0.051 ug/L
RT: 10.214 min Scan# 670
Delta R.T. 0.017 min
Lab File: VV038962.D
Acq: 19 Aug 2025 12:55

Tgt Ion: 75 Resp: 122
Ion Ratio Lower Upper
75 100
110 39.3 32.6 48.8
77 37.7 27.3 40.9





#13
 1,2-Dibromo-3-chloropropane
 Concen: 0.056 ug/L
 RT: 12.357 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VV038962.D
 Acq: 19 Aug 2025 12:55

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.0253

Tgt Ion: 75	Resp:	31
Ion	Ratio	Lower Upper
75	100	
157	85.7	69.7 104.5
155	84.3	63.7 95.5

