

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV081925\
 Data File : VV038959.D
 Acq On : 19 Aug 2025 11:49
 Operator : SY/MD
 Sample : VSTD00151
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001251

Quant Time: Aug 20 03:02:01 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)

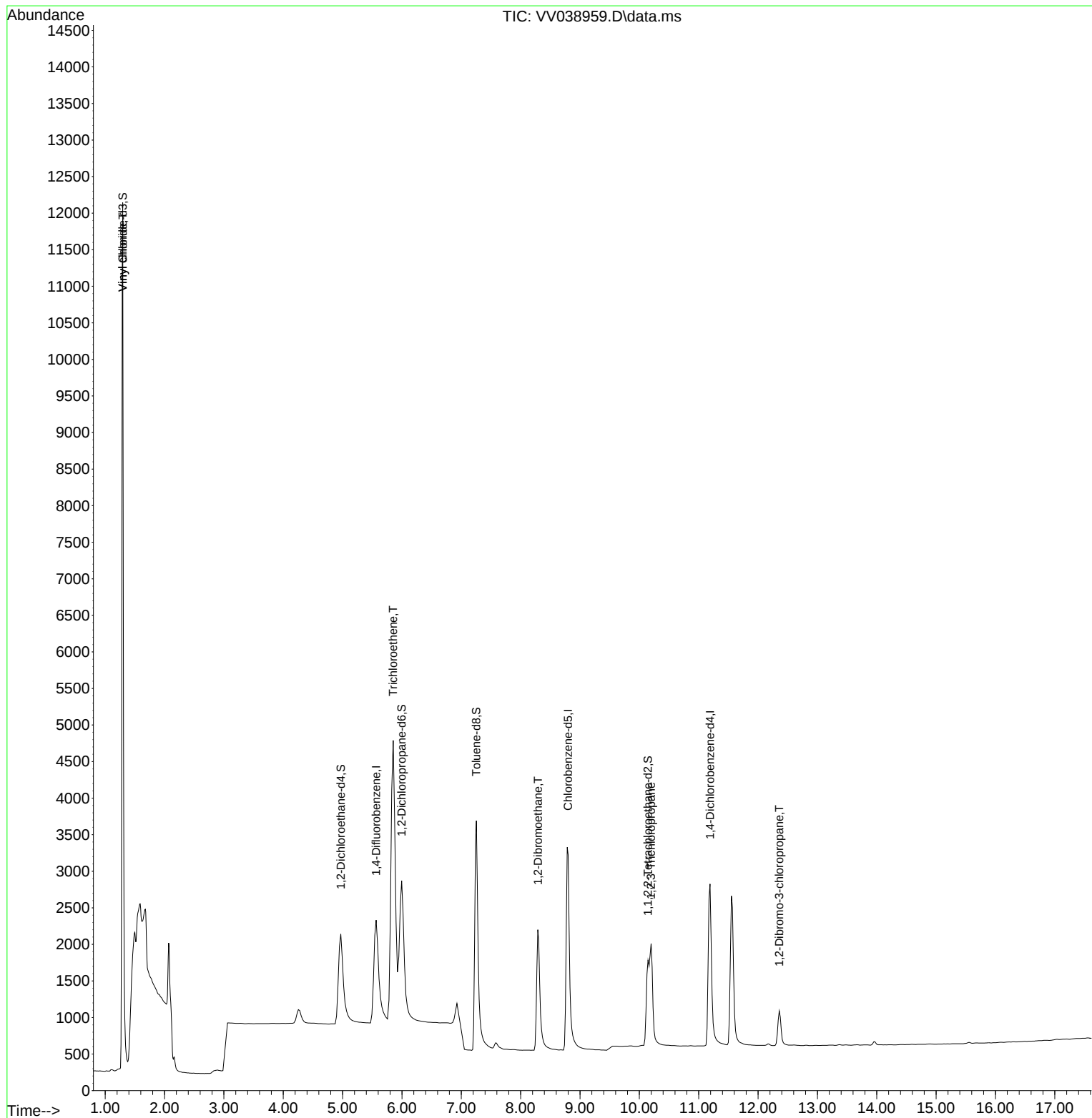
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	6100	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	5913	0.500	ug/L	0.02
11) 1,4-Dichlorobenzene-d4	11.191	152	2631	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	5721	0.993	ug/L	0.00
4) 1,2-Dichloroethane-d4	4.969	65	3058	1.064	ug/L	0.00
7) 1,2-Dichloropropane-d6	5.995	67	3646	1.089	ug/L	0.00
8) Toluene-d8	7.253	98	7258	1.066	ug/L	0.00
10) 1,1,2,2-Tetrachloroeth...	10.146	84	2464	1.050	ug/L	0.00
Target Compounds						
						Qvalue
3) Vinyl chloride	1.294	62	10516	0.954	ug/L	99
6) Trichloroethene	5.852	95	5685	0.989	ug/L	99
9) 1,2-Dibromoethane	8.290	107	3324	0.940	ug/L #	96
12) 1,2,3-Trichloropropane	10.197	75	2801	0.938	ug/L	100
13) 1,2-Dibromo-3-chloropr...	12.357	75	613	0.976	ug/L	95

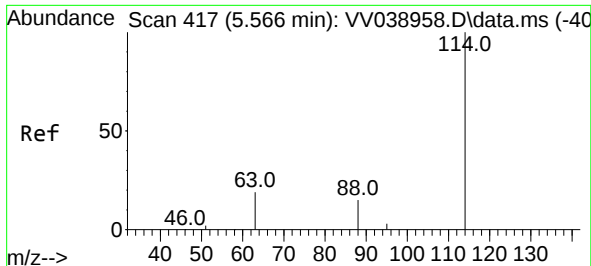
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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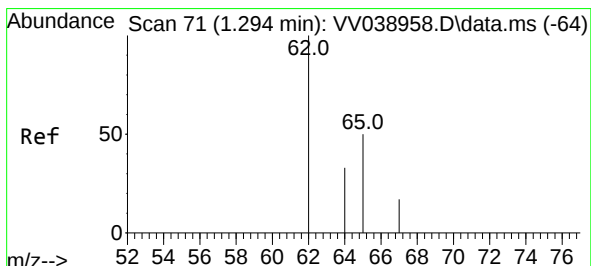
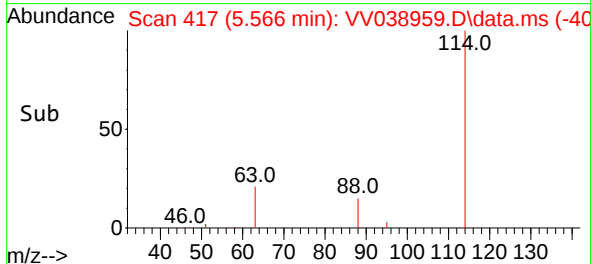
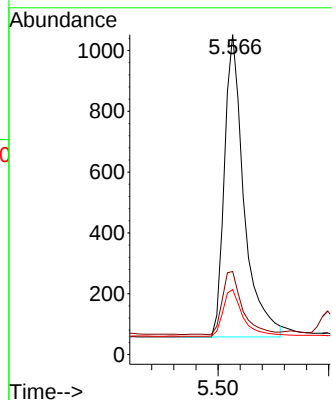
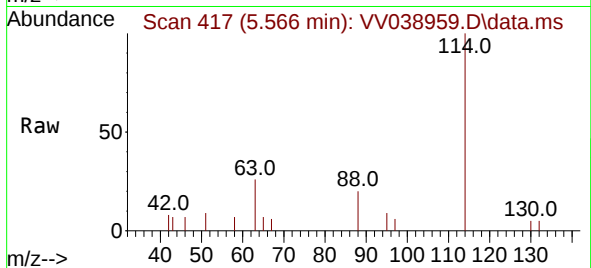




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. -0.000 min
Lab File: VV038959.D
Acq: 19 Aug 2025 11:49

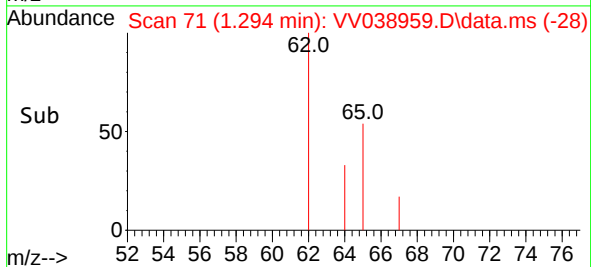
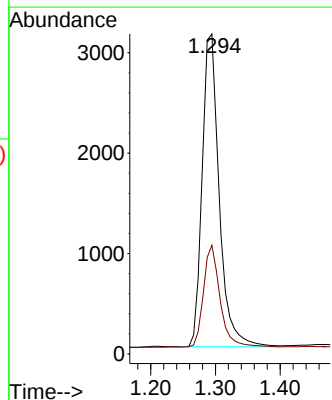
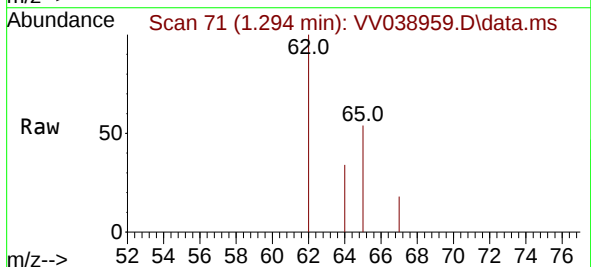
Instrument :
MSVOA_V
ClientSampleId :
VSTD001251

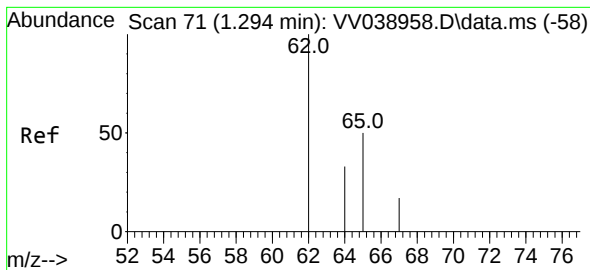
Tgt Ion:	114	Resp:	6100
Ion	Ratio	Lower	Upper
114	100		
63	21.0	16.0	24.0
88	15.6	12.3	18.5



#2
Vinyl Chloride-d3
Concen: 0.993 ug/L
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV038959.D
Acq: 19 Aug 2025 11:49

Tgt Ion:	65	Resp:	5721
Ion	Ratio	Lower	Upper
65	100		
67	32.3	23.4	43.4





#3

Vinyl chloride

Concen: 0.954 ug/L

RT: 1.294 min Scan# 71

Delta R.T. 0.000 min

Lab File: VV038959.D

Acq: 19 Aug 2025 11:49

Instrument :

MSVOA_V

ClientSampleId :

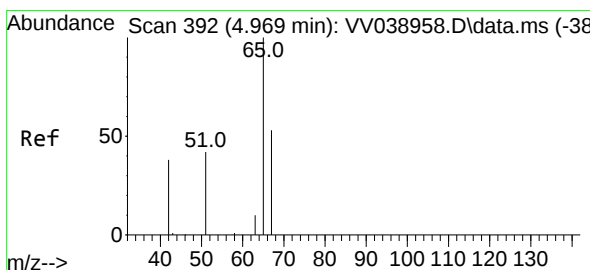
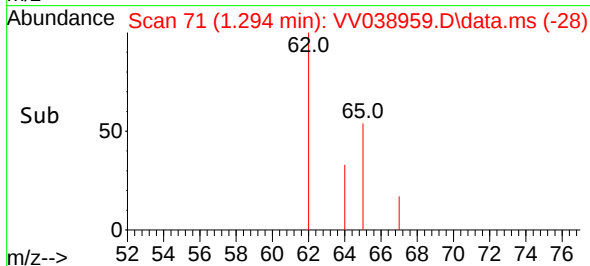
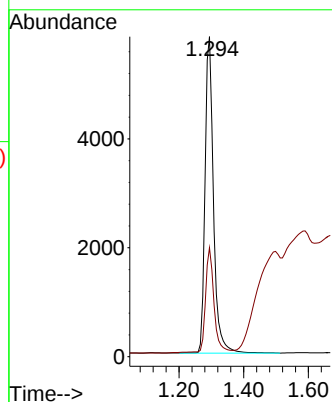
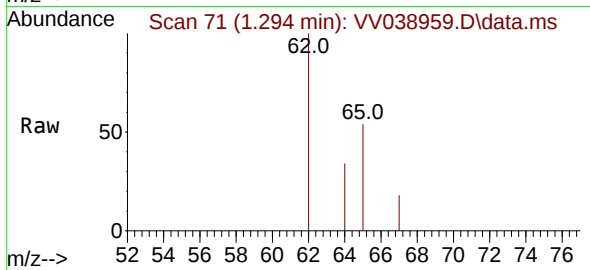
VSTD001251

Tgt Ion: 62 Resp: 10516

Ion Ratio Lower Upper

62 100

64 34.0 24.4 45.2



#4

1,2-Dichloroethane-d4

Concen: 1.064 ug/L

RT: 4.969 min Scan# 392

Delta R.T. 0.000 min

Lab File: VV038959.D

Acq: 19 Aug 2025 11:49

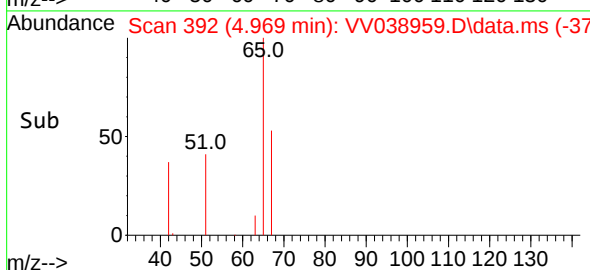
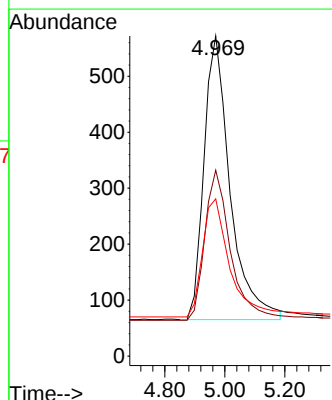
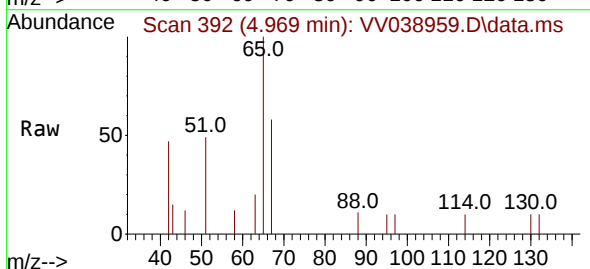
Tgt Ion: 65 Resp: 3058

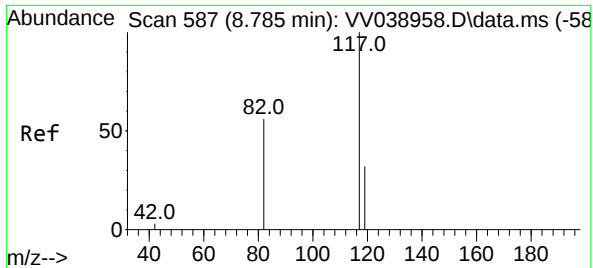
Ion Ratio Lower Upper

65 100

67 52.3 37.2 69.0

51 43.2 33.4 62.0

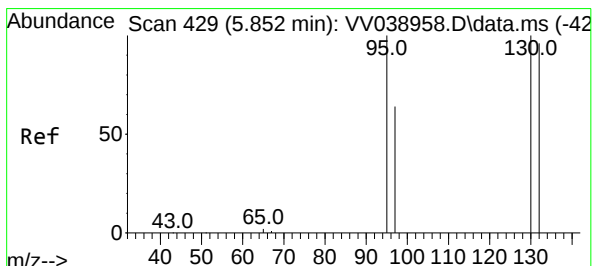
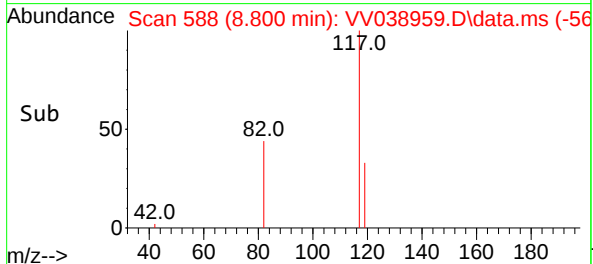
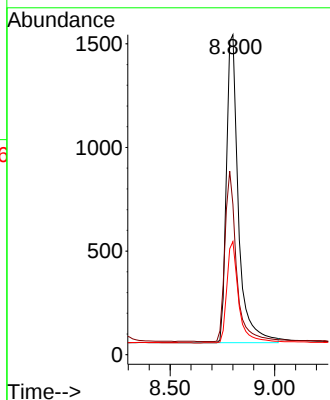
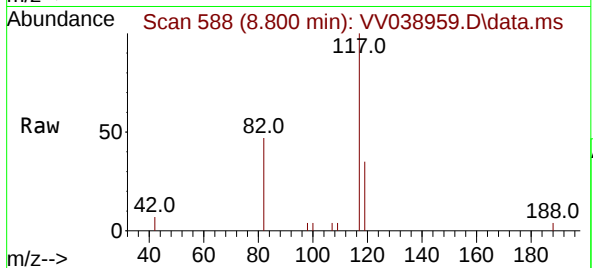




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 51
Delta R.T. 0.016 min
Lab File: VV038959.D
Acq: 19 Aug 2025 11:49

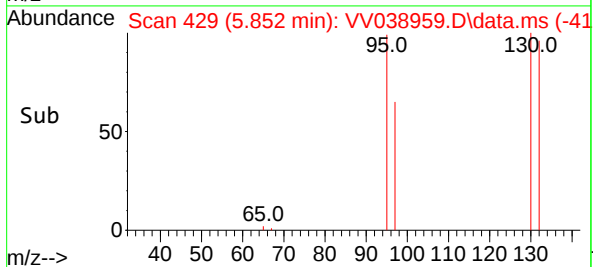
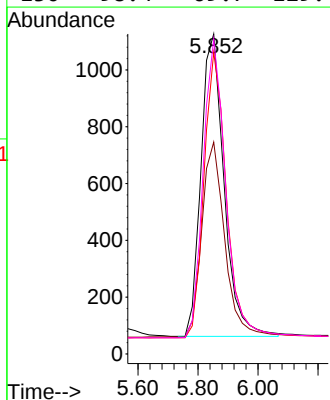
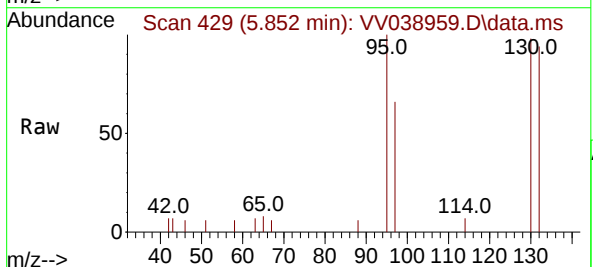
Instrument :
MSVOA_V
ClientSampleId :
VSTD001251

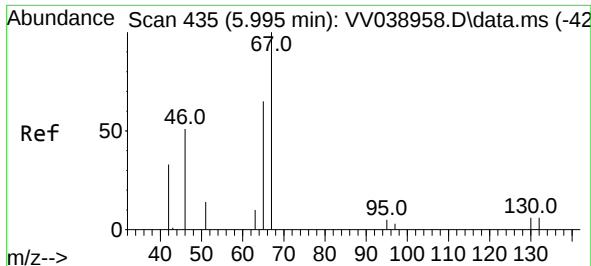
Tgt Ion:	117	Resp:	5913
Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.9	64.3
119	32.6	26.4	39.6



#6
Trichloroethene
Concen: 0.989 ug/L
RT: 5.852 min Scan# 429
Delta R.T. 0.000 min
Lab File: VV038959.D
Acq: 19 Aug 2025 11:49

Tgt Ion:	95	Resp:	5685
Ion	Ratio	Lower	Upper
95	100		
97	66.2	47.5	88.1
132	94.3	66.9	124.3
130	98.4	69.7	129.4

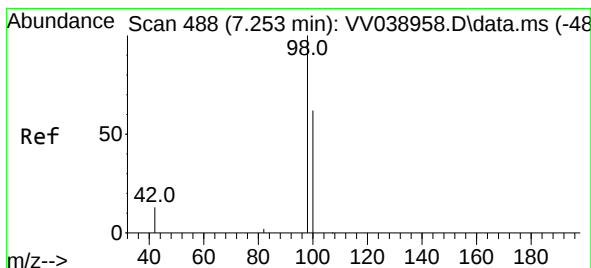
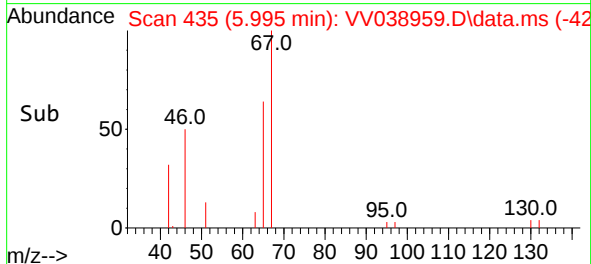
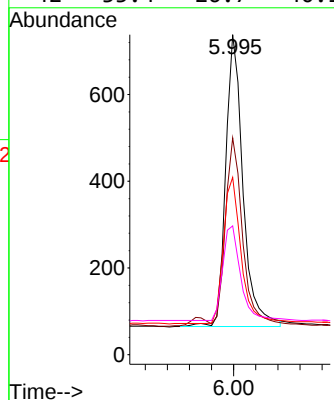
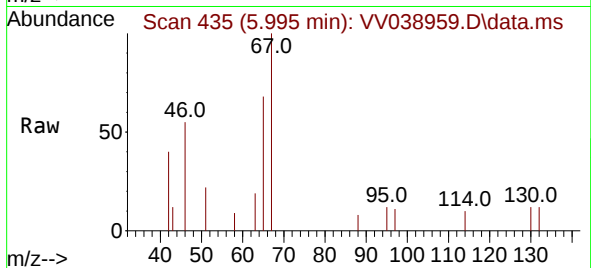




#7
 1,2-Dichloropropane-d6
 Concen: 1.089 ug/L
 RT: 5.995 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VV038959.D
 Acq: 19 Aug 2025 11:49

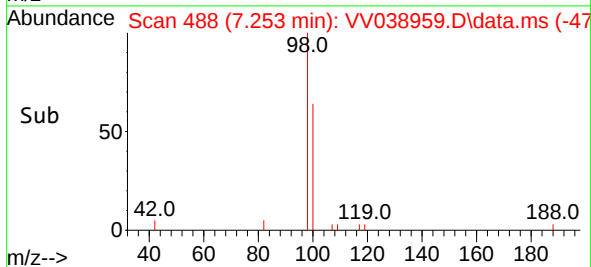
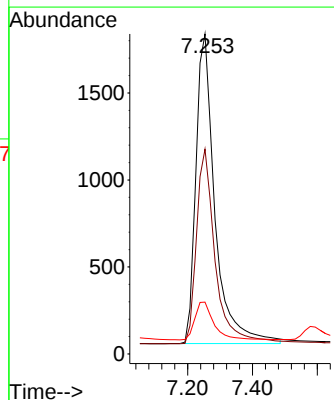
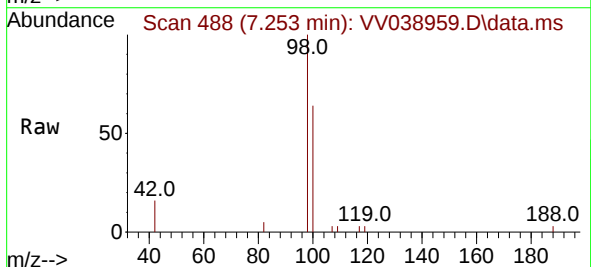
Instrument :
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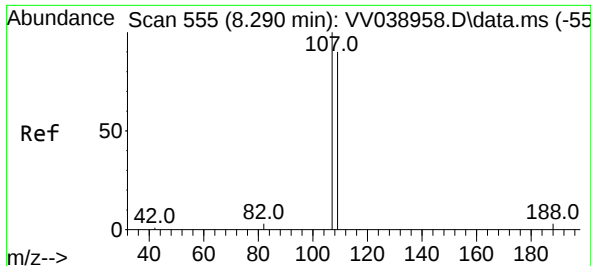
Tgt Ion:	67	Resp:	3646
Ion	Ratio	Lower	Upper
67	100		
65	62.4	49.8	74.6
46	51.2	41.3	61.9
42	33.4	26.7	40.1



#8
 Toluene-d8
 Concen: 1.066 ug/L
 RT: 7.253 min Scan# 488
 Delta R.T. 0.000 min
 Lab File: VV038959.D
 Acq: 19 Aug 2025 11:49

Tgt Ion:	98	Resp:	7258
Ion	Ratio	Lower	Upper
98	100		
100	61.9	43.3	80.3
42	12.3	8.5	15.7

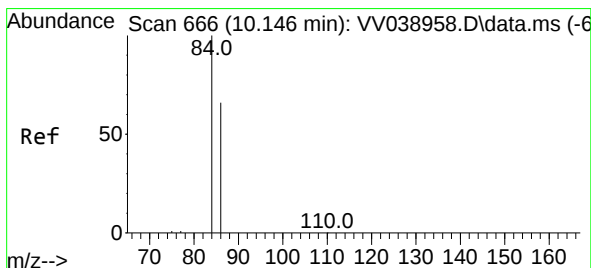
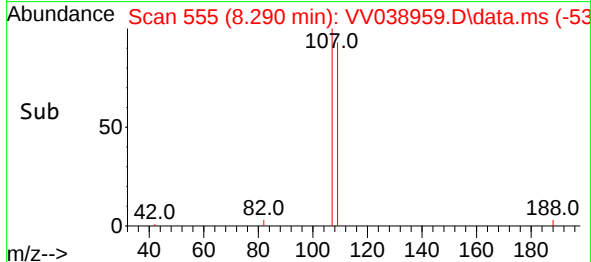
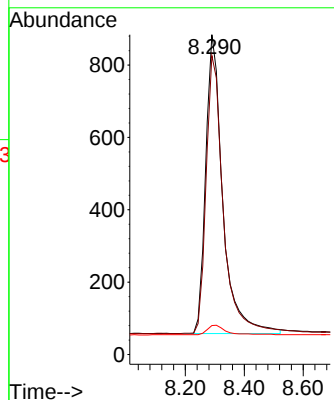
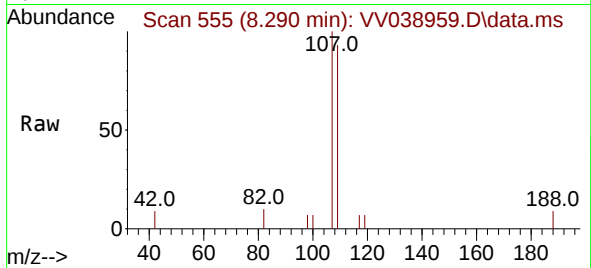




#9
 1,2-Dibromoethane
 Concen: 0.940 ug/L
 RT: 8.290 min Scan# 555
 Delta R.T. 0.000 min
 Lab File: VV038959.D
 Acq: 19 Aug 2025 11:49

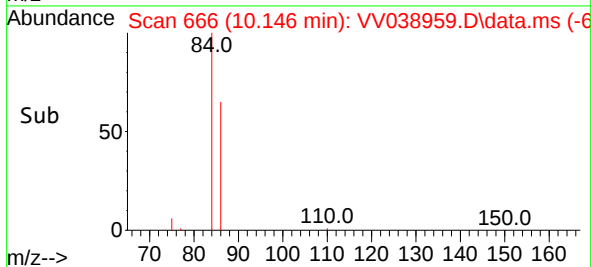
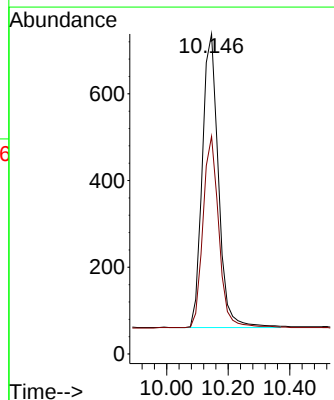
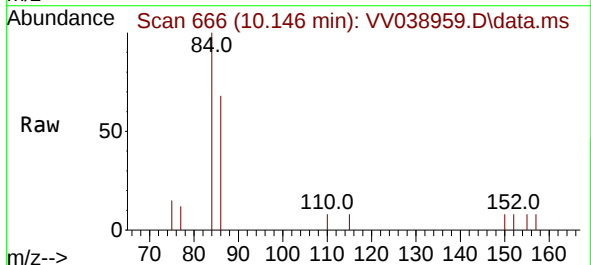
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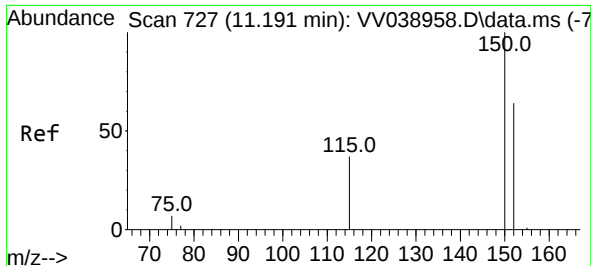
Tgt Ion:107 Resp: 3324
 Ion Ratio Lower Upper
 107 100
 109 93.4 64.0 118.8
 188 9.0 11.8 17.6#



#10
 1,1,2,2-Tetrachloroethane-d2
 Concen: 1.050 ug/L
 RT: 10.146 min Scan# 666
 Delta R.T. 0.000 min
 Lab File: VV038959.D
 Acq: 19 Aug 2025 11:49

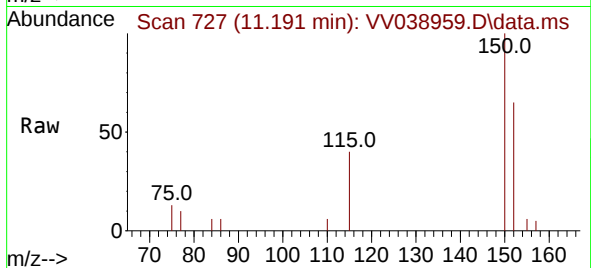
Tgt Ion: 84 Resp: 2464
 Ion Ratio Lower Upper
 84 100
 86 64.7 45.6 84.6



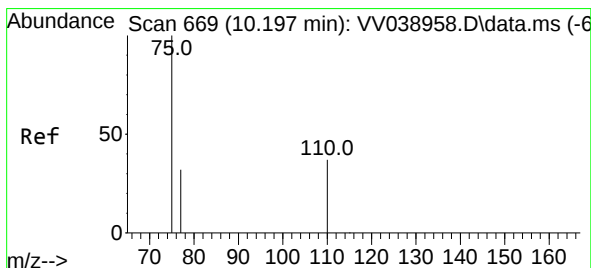
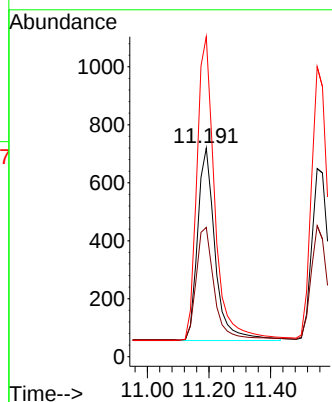
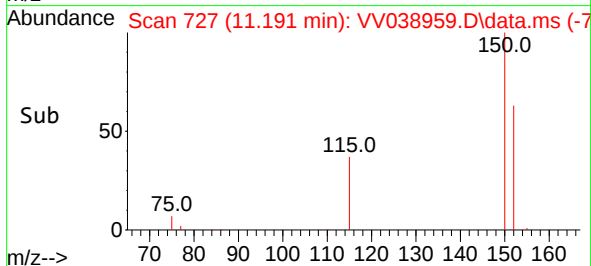


#11
 1,4-Dichlorobenzene-d4
 Concen: 0.500 ug/L
 RT: 11.191 min Scan# 727
 Delta R.T. 0.000 min
 Lab File: VV038959.D
 Acq: 19 Aug 2025 11:49

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001251

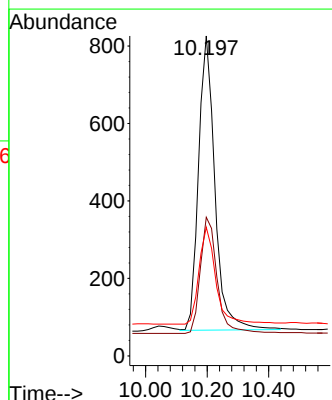
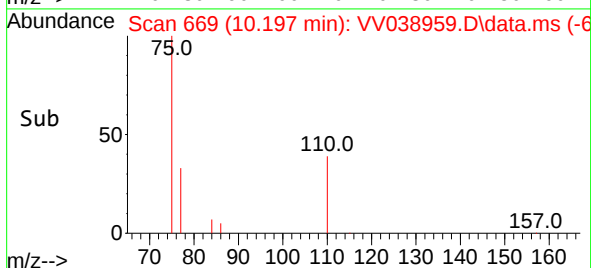
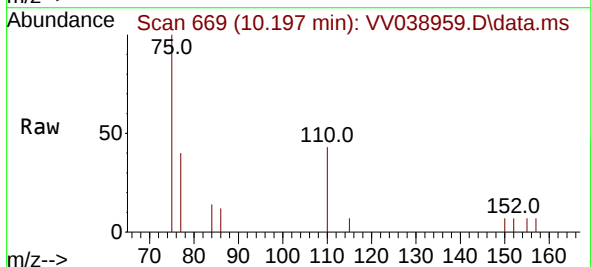


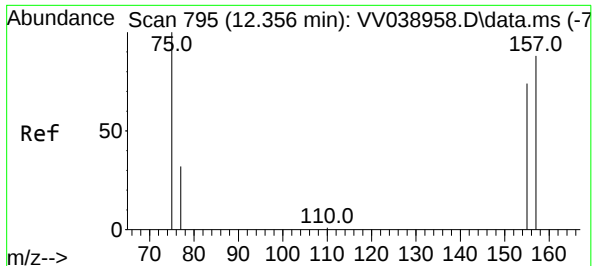
Tgt Ion:152 Resp: 2631
 Ion Ratio Lower Upper
 152 100
 115 60.0 0.0 119.6
 150 160.8 0.0 318.0



#12
 1,2,3-Trichloropropane
 Concen: 0.938 ug/L
 RT: 10.197 min Scan# 669
 Delta R.T. 0.000 min
 Lab File: VV038959.D
 Acq: 19 Aug 2025 11:49

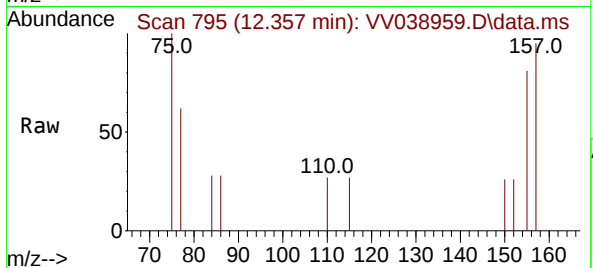
Tgt Ion: 75 Resp: 2801
 Ion Ratio Lower Upper
 75 100
 110 40.4 32.6 48.8
 77 33.8 27.3 40.9





#13
 1,2-Dibromo-3-chloropropane
 Concen: 0.976 ug/L
 RT: 12.357 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VV038959.D
 Acq: 19 Aug 2025 11:49

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001251



Tgt Ion:	75	Resp:	613
Ion	Ratio	Lower	Upper
75	100		
157	95.0	69.7	104.5
155	81.2	63.7	95.5

