

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112525\
 Data File : VV039422.D
 Acq On : 25 Nov 2025 11:26
 Operator : SY/MD
 Sample : VSTD001
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001258

Quant Time: Nov 26 03:50:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM112525.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 26 03:49:02 2025
 Response via : Initial Calibration

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

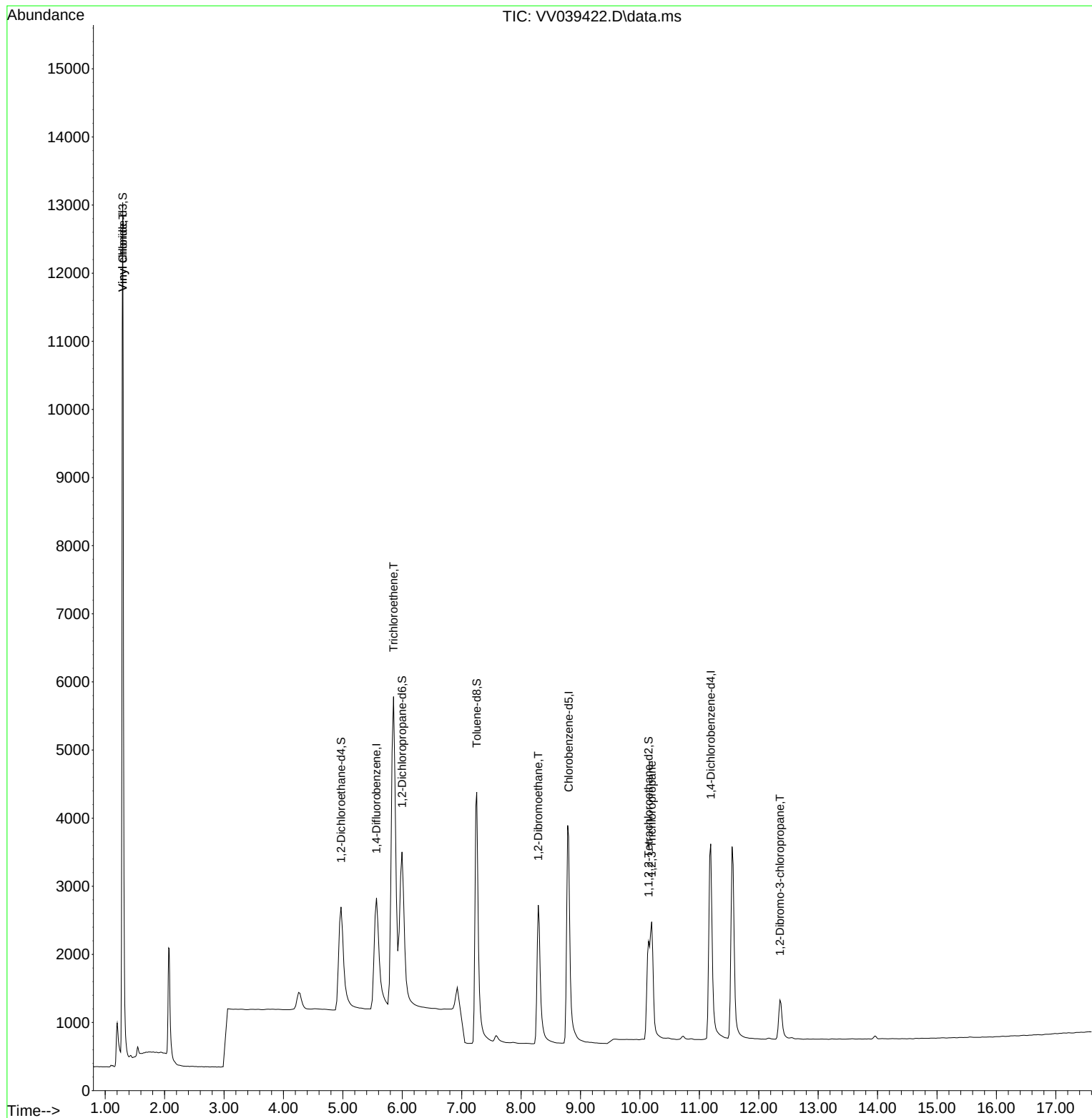
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	7191	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	7079	0.500	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	11.191	152	3636	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.295	65	7194	1.055	ug/L	0.00
4) 1,2-Dichloroethane-d4	4.970	65	3963	0.993	ug/L	0.00
7) 1,2-Dichloropropane-d6	5.996	67	4367	1.090	ug/L	0.00
8) Toluene-d8	7.254	98	8635	0.972	ug/L	0.00
10) 1,1,2,2-Tetrachloroeth...	10.146	84	3055	1.069	ug/L	0.00
Target Compounds						
						Qvalue
3) Vinyl chloride	1.295	62	9713	0.804	ug/L	94
6) Trichloroethene	5.853	95	6534	1.064	ug/L	99
9) 1,2-Dibromoethane	8.290	107	4141	1.106	ug/L #	94
12) 1,2,3-Trichloropropane	10.197	75	3456	0.954	ug/L	98
13) 1,2-Dibromo-3-chloropr...	12.357	75	713	0.857	ug/L	90

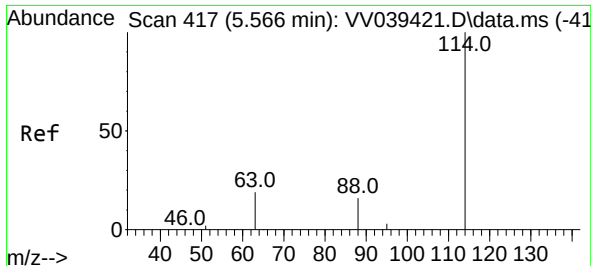
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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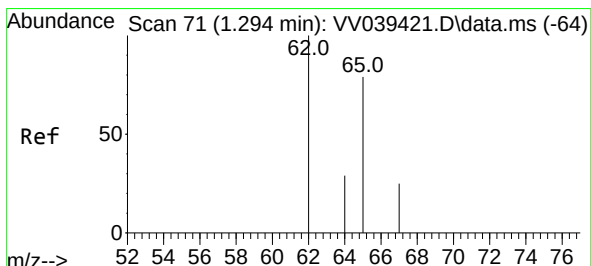
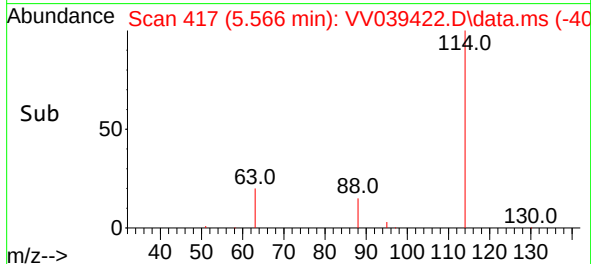
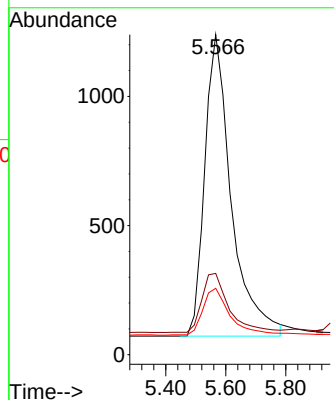
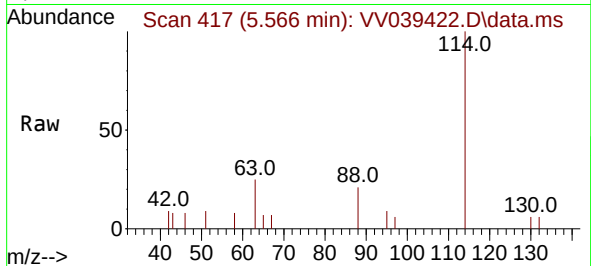




#1
 1,4-Difluorobenzene
 Concen: 0.500 ug/L
 RT: 5.566 min Scan# 417
 Delta R.T. 0.000 min
 Lab File: VV039422.D
 Acq: 25 Nov 2025 11:26

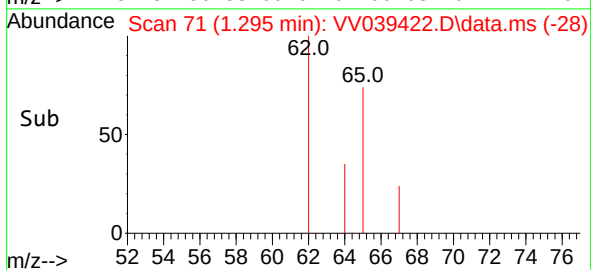
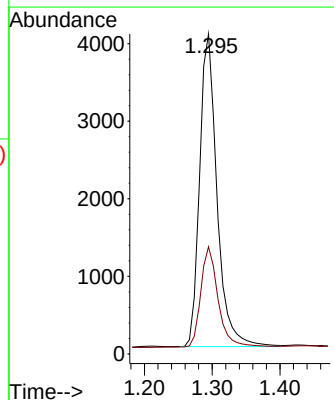
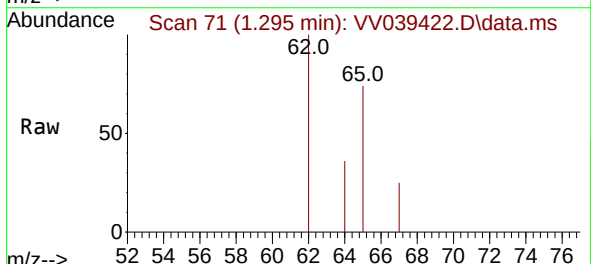
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001258

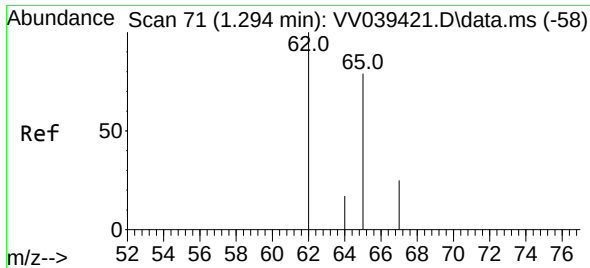
Tgt Ion:	114	Resp:	7191
Ion	Ratio	Lower	Upper
114	100		
63	19.9	15.8	23.6
88	15.7	12.4	18.6



#2
 Vinyl Chloride-d3
 Concen: 1.055 ug/L
 RT: 1.295 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV039422.D
 Acq: 25 Nov 2025 11:26

Tgt Ion:	65	Resp:	7194
Ion	Ratio	Lower	Upper
65	100		
67	32.6	23.0	42.8

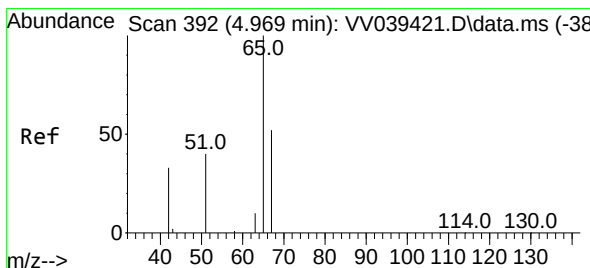
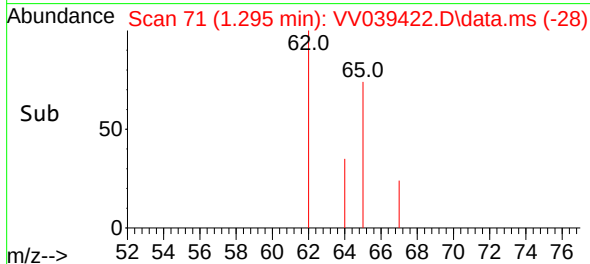
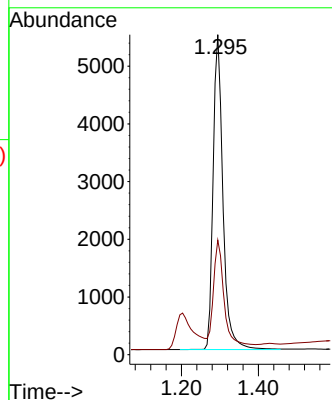
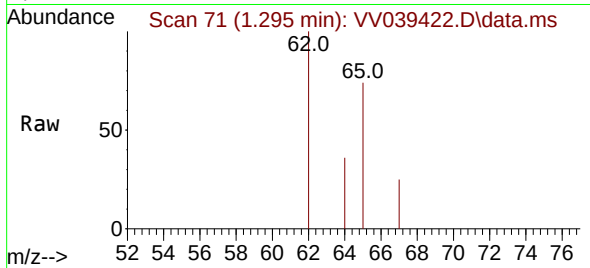




#3
 Vinyl chloride
 Concen: 0.804 ug/L
 RT: 1.295 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV039422.D
 Acq: 25 Nov 2025 11:26

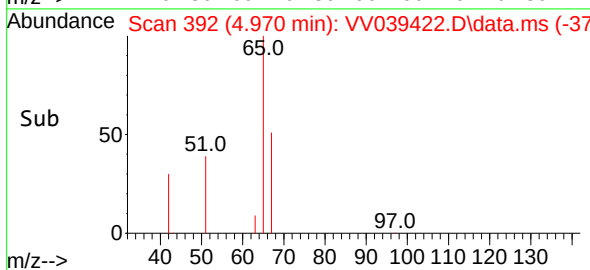
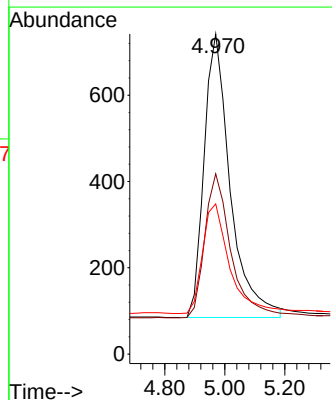
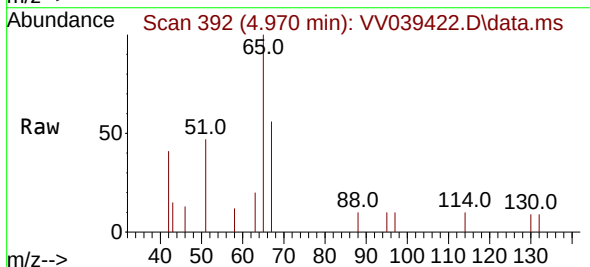
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001258

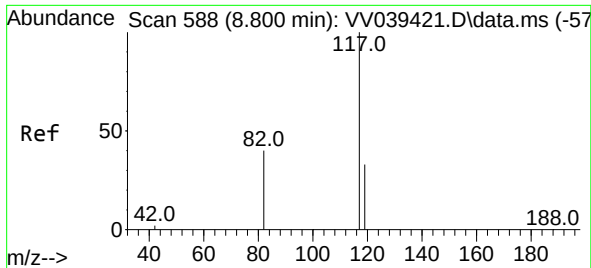
Tgt Ion: 62 Resp: 9713
 Ion Ratio Lower Upper
 62 100
 64 35.8 27.6 51.4



#4
 1,2-Dichloroethane-d4
 Concen: 0.993 ug/L
 RT: 4.970 min Scan# 392
 Delta R.T. 0.000 min
 Lab File: VV039422.D
 Acq: 25 Nov 2025 11:26

Tgt Ion: 65 Resp: 3963
 Ion Ratio Lower Upper
 65 100
 67 51.3 37.0 68.8
 51 39.8 27.8 51.6

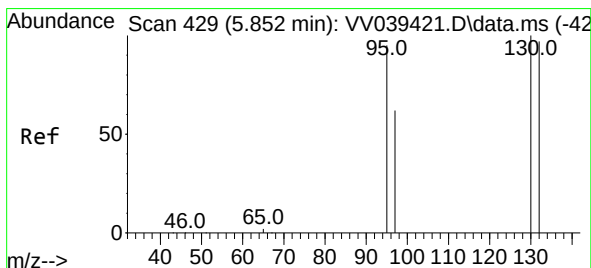
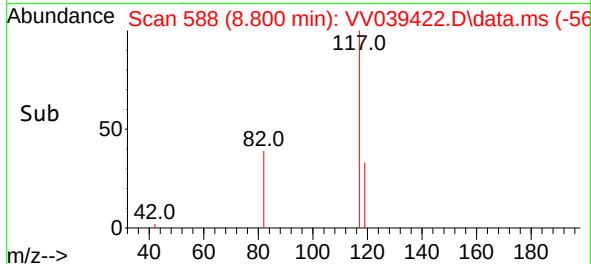
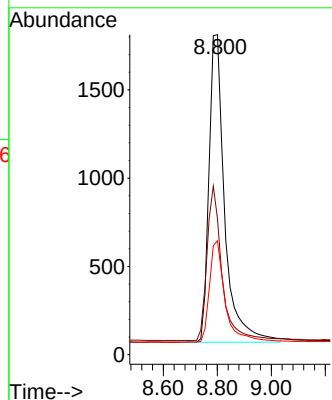
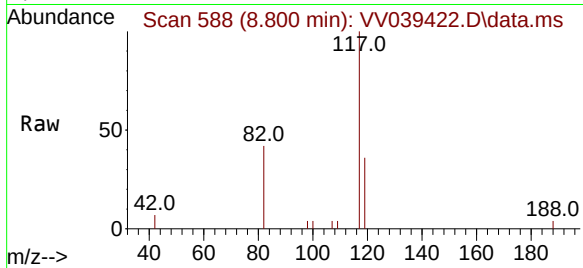




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 511
Delta R.T. 0.000 min
Lab File: VV039422.D
Acq: 25 Nov 2025 11:26

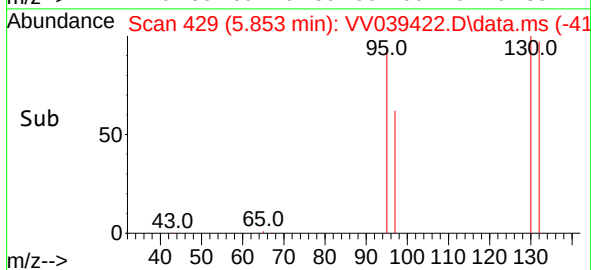
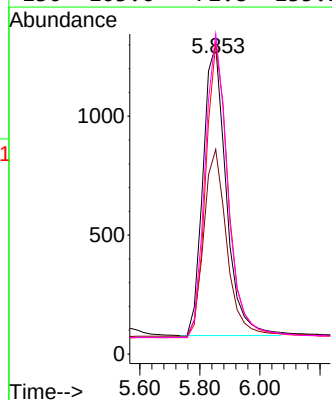
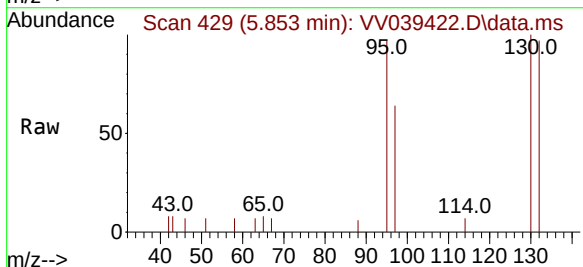
Instrument :
MSVOA_V
ClientSampleId :
VSTD001258

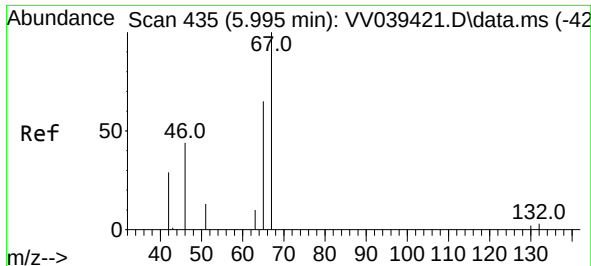
Tgt Ion:	117	Resp:	7079
Ion	Ratio	Lower	Upper
117	100		
82	47.7	38.2	57.4
119	32.8	25.7	38.5



#6
Trichloroethene
Concen: 1.064 ug/L
RT: 5.853 min Scan# 429
Delta R.T. 0.000 min
Lab File: VV039422.D
Acq: 25 Nov 2025 11:26

Tgt Ion:	95	Resp:	6534
Ion	Ratio	Lower	Upper
95	100		
97	66.2	48.5	90.1
132	100.6	70.8	131.6
130	103.6	72.8	135.2



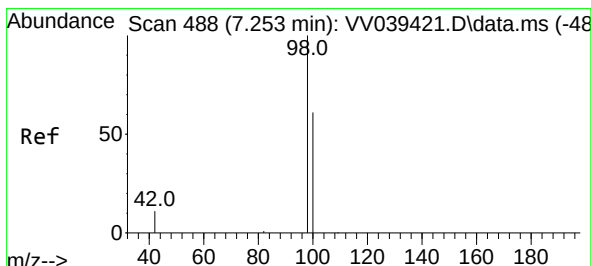
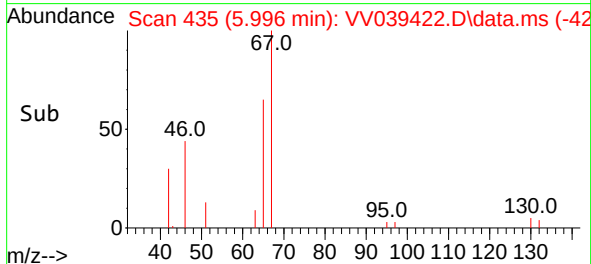
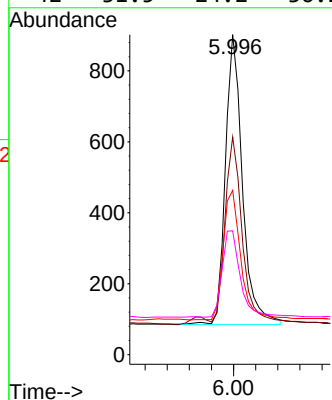
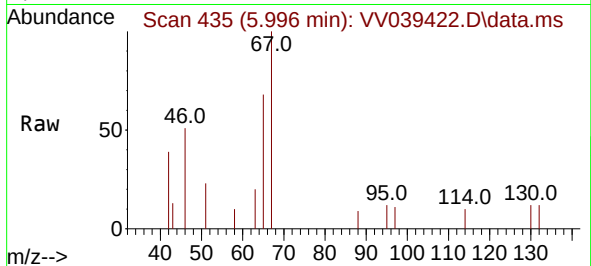


#7
1,2-Dichloropropane-d6
Concen: 1.090 ug/L
RT: 5.996 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV039422.D
Acq: 25 Nov 2025 11:26

Instrument :
MSVOA_V
ClientSampleId :
VSTD001258

Tgt Ion: 67 Resp: 4367

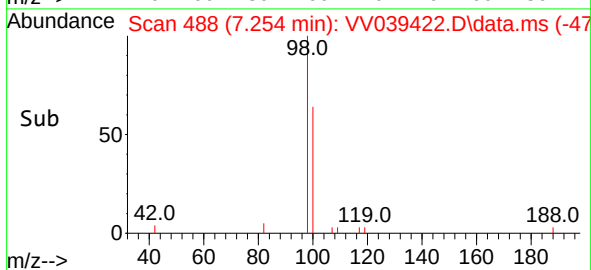
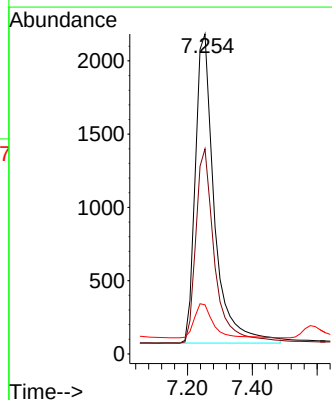
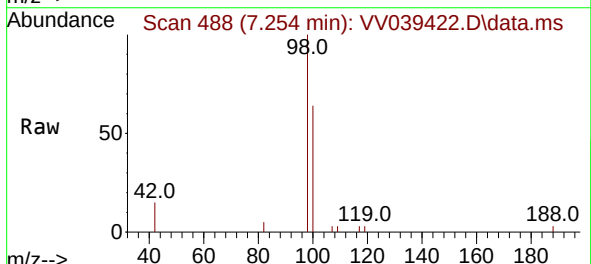
Ion	Ratio	Lower	Upper
67	100		
65	63.2	49.8	74.8
46	46.3	35.8	53.6
42	31.5	24.2	36.2

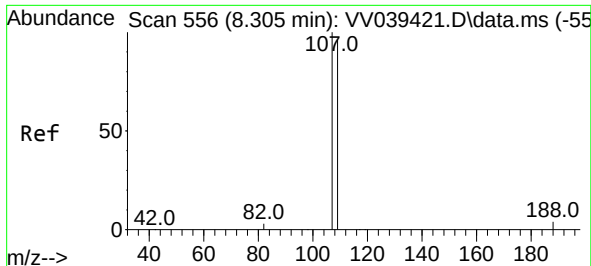


#8
Toluene-d8
Concen: 0.972 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.000 min
Lab File: VV039422.D
Acq: 25 Nov 2025 11:26

Tgt Ion: 98 Resp: 8635

Ion	Ratio	Lower	Upper
98	100		
100	62.0	43.1	80.1
42	10.7	7.8	14.4

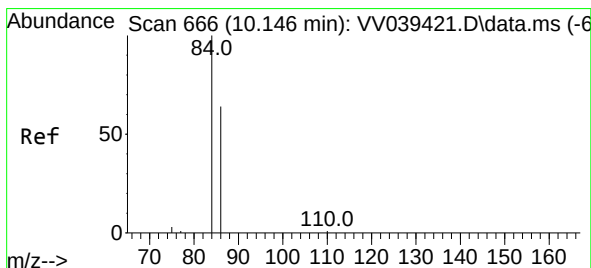
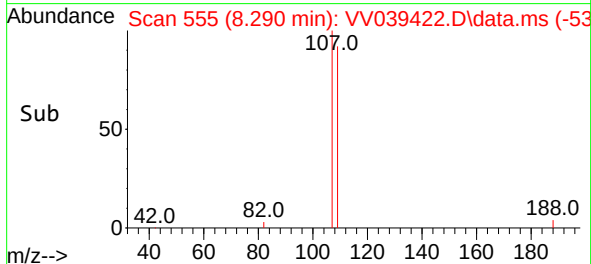
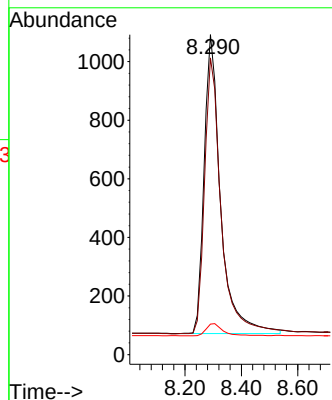
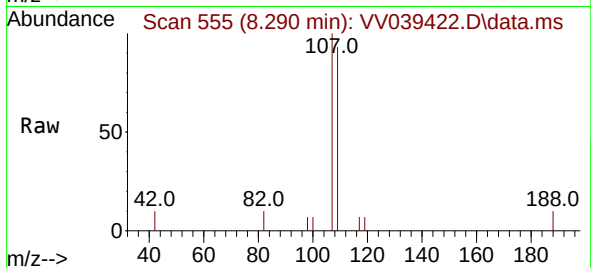




#9
 1,2-Dibromoethane
 Concen: 1.106 ug/L
 RT: 8.290 min Scan# 556
 Delta R.T. -0.015 min
 Lab File: VV039422.D
 Acq: 25 Nov 2025 11:26

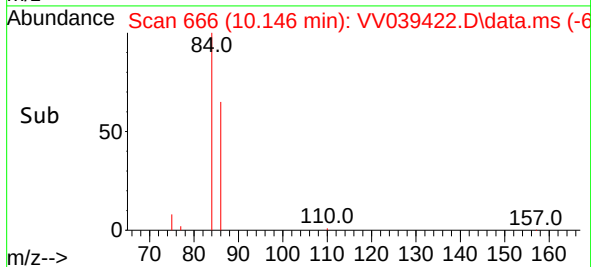
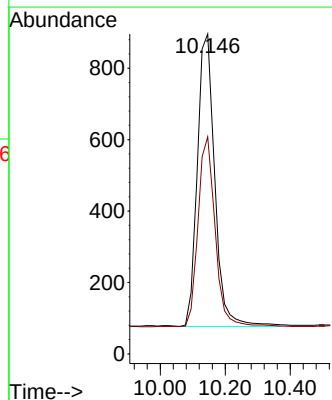
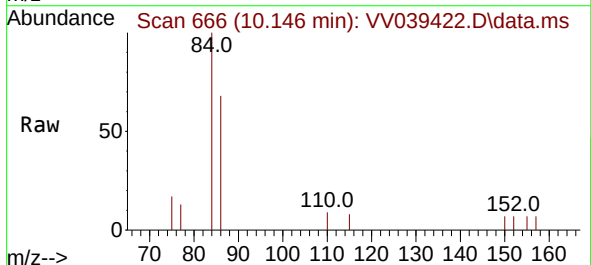
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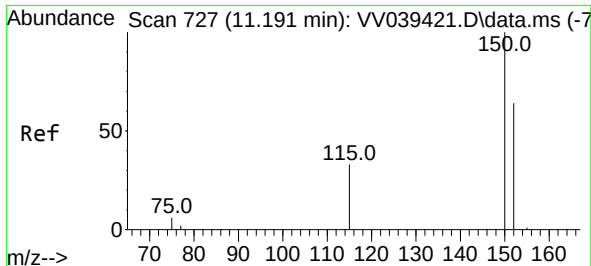
Tgt Ion:107 Resp: 4141
 Ion Ratio Lower Upper
 107 100
 109 92.8 67.8 125.8
 188 9.5 12.8 19.2#



#10
 1,1,2,2-Tetrachloroethane-d2
 Concen: 1.069 ug/L
 RT: 10.146 min Scan# 666
 Delta R.T. 0.000 min
 Lab File: VV039422.D
 Acq: 25 Nov 2025 11:26

Tgt Ion: 84 Resp: 3055
 Ion Ratio Lower Upper
 84 100
 86 63.1 45.4 84.4

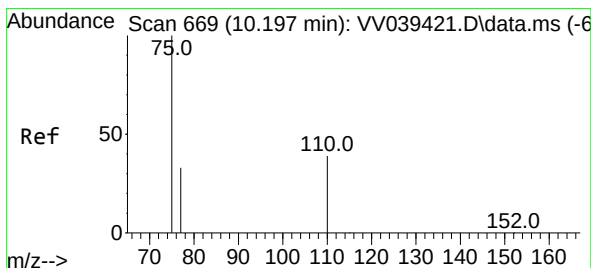
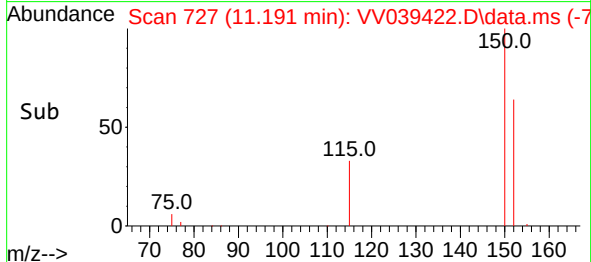
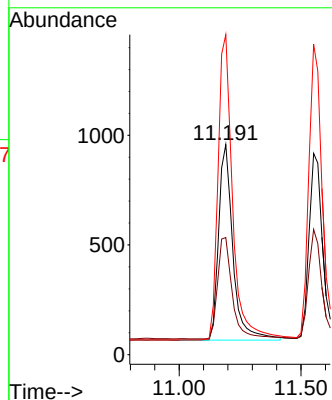
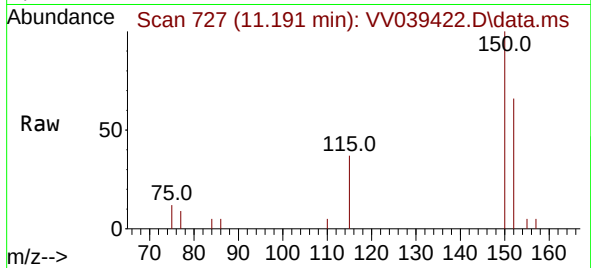




#11
 1,4-Dichlorobenzene-d4
 Concen: 0.500 ug/L
 RT: 11.191 min Scan# 727
 Delta R.T. 0.000 min
 Lab File: VV039422.D
 Acq: 25 Nov 2025 11:26

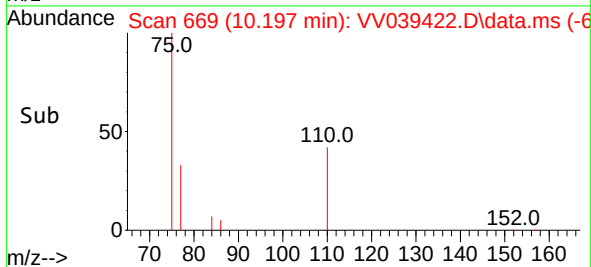
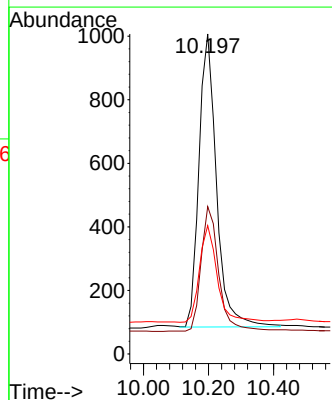
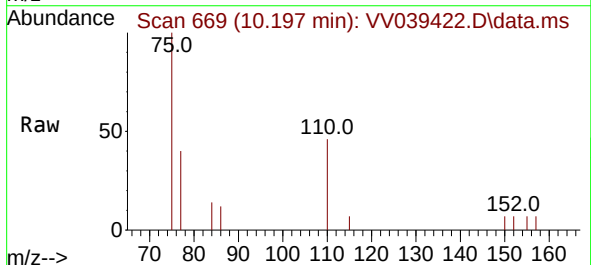
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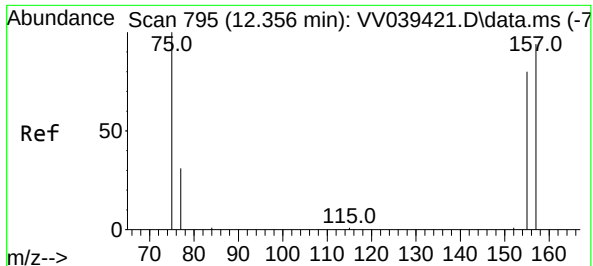
Tgt Ion:152 Resp: 3636
 Ion Ratio Lower Upper
 152 100
 115 53.1 0.0 105.4
 150 157.9 0.0 315.4



#12
 1,2,3-Trichloropropane
 Concen: 0.954 ug/L
 RT: 10.197 min Scan# 669
 Delta R.T. 0.000 min
 Lab File: VV039422.D
 Acq: 25 Nov 2025 11:26

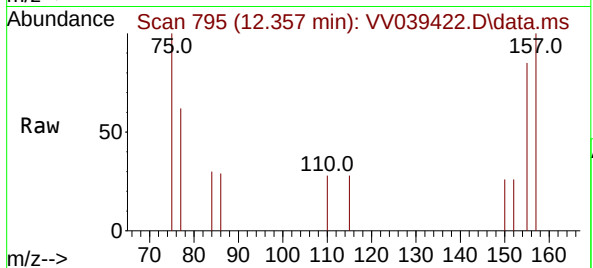
Tgt Ion: 75 Resp: 3456
 Ion Ratio Lower Upper
 75 100
 110 43.1 33.6 50.4
 77 33.5 28.3 42.5





#13
 1,2-Dibromo-3-chloropropane
 Concen: 0.857 ug/L
 RT: 12.357 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VV039422.D
 Acq: 25 Nov 2025 11:26

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001258



Tgt Ion:	75	Resp:	713
Ion	Ratio	Lower	Upper
75	100		
157	100.0	69.3	103.9
155	84.9	64.4	96.6

