

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112525\
 Data File : VV039420.D
 Acq On : 25 Nov 2025 10:44
 Operator : SY/MD
 Sample : VSTD0.1
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.1256

Quant Time: Nov 26 03:49:45 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)

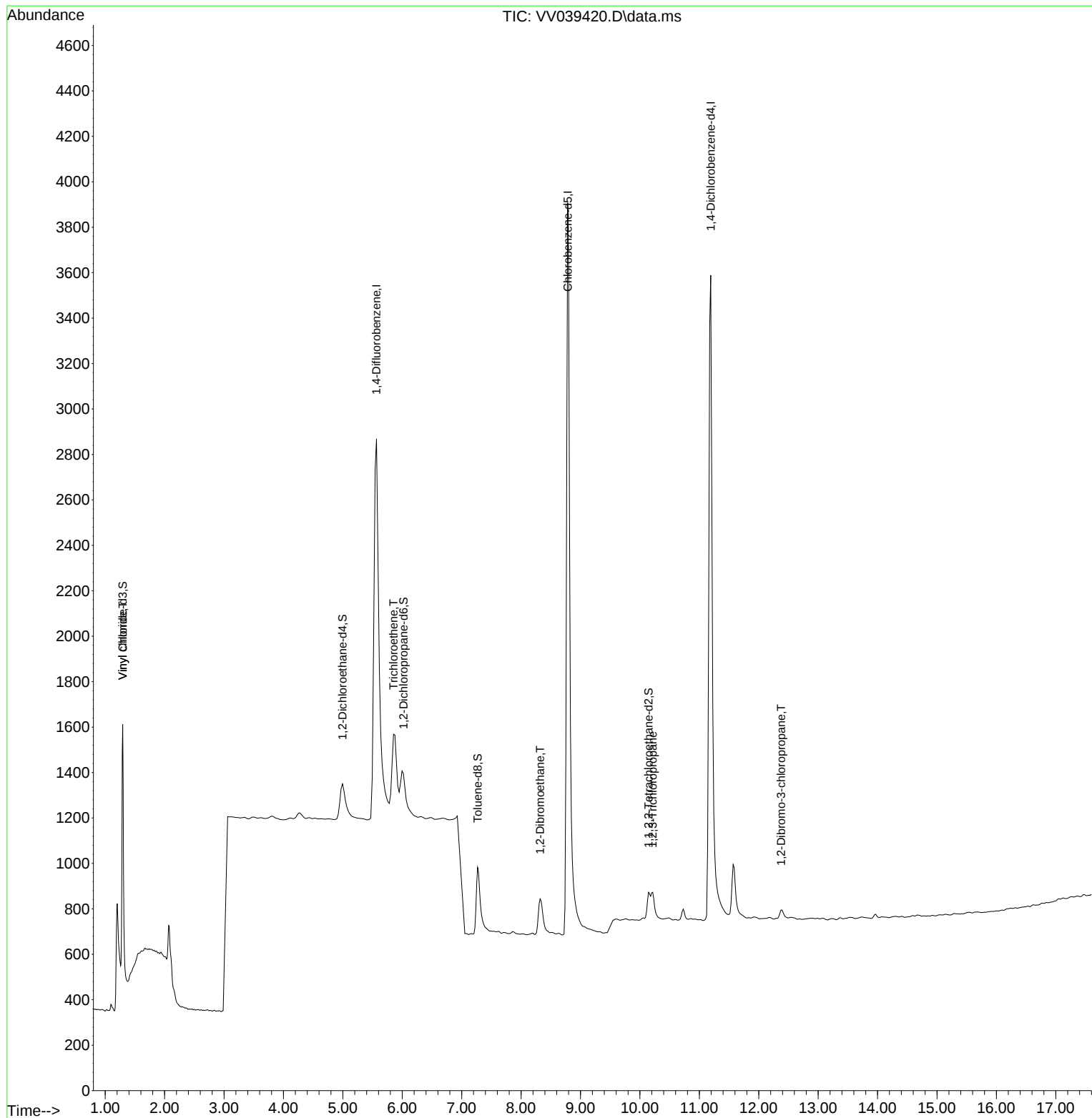
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	7448	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	7028	0.500	ug/L	-0.02
11) 1,4-Dichlorobenzene-d4	11.191	152	3661	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	714	0.101	ug/L	0.00
4) 1,2-Dichloroethane-d4	4.993	65	511	0.124	ug/L	0.02
7) 1,2-Dichloropropane-d6	6.019	67	415	0.104	ug/L	0.02
8) Toluene-d8	7.269	98	884	0.100	ug/L	0.02
10) 1,1,2,2-Tetrachloroeth...	10.146	84	301	0.106	ug/L	0.00
Target Compounds						
						Qvalue
3) Vinyl chloride	1.294	62	870	0.070	ug/L #	55
6) Trichloroethene	5.852	95	505	0.083	ug/L	92
9) 1,2-Dibromoethane	8.321	107	360	0.097	ug/L #	88
12) 1,2,3-Trichloropropane	10.214	75	270	0.074	ug/L #	91
13) 1,2-Dibromo-3-chloropr...	12.374	75	65	0.078	ug/L	98

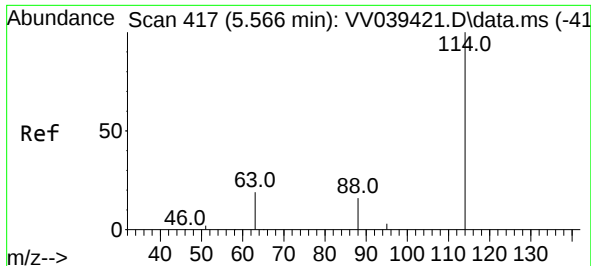
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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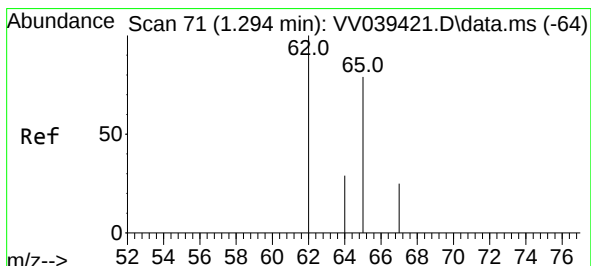
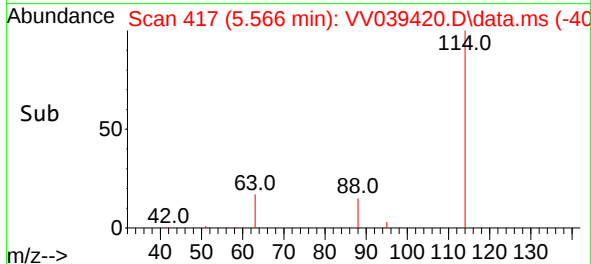
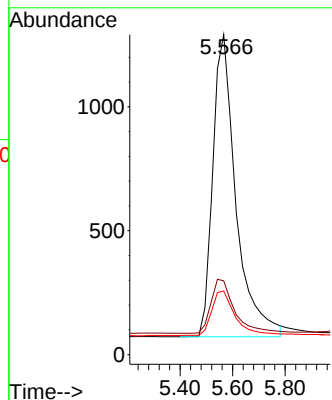
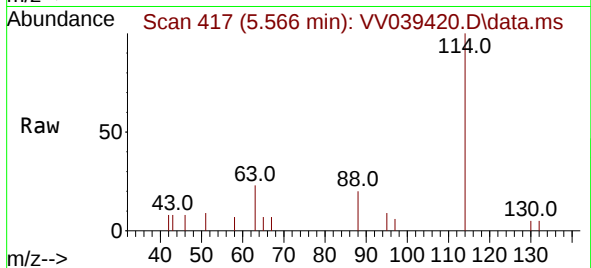




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. 0.000 min
Lab File: VV039420.D
Acq: 25 Nov 2025 10:44

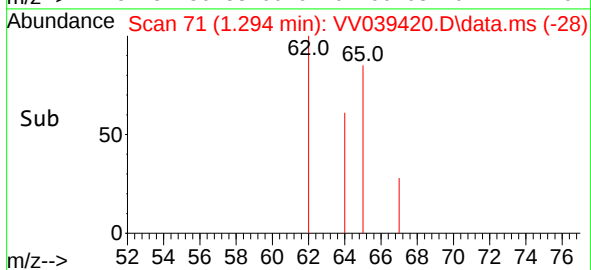
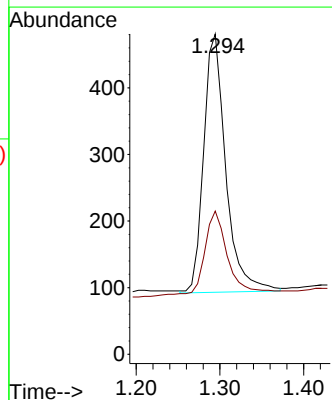
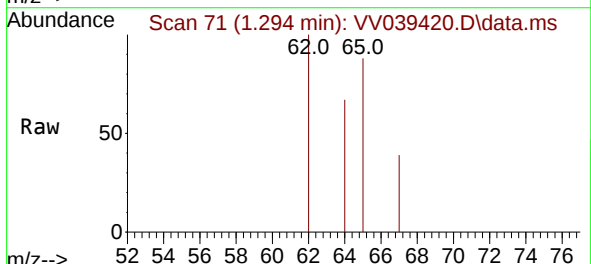
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.1256

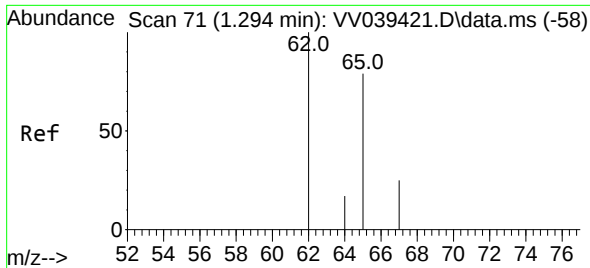
Tgt Ion:	114	Resp:	7448
Ion	Ratio	Lower	Upper
114	100		
63	18.2	15.8	23.6
88	15.0	12.4	18.6



#2
Vinyl Chloride-d3
Concen: 0.101 ug/L
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039420.D
Acq: 25 Nov 2025 10:44

Tgt Ion:	65	Resp:	714
Ion	Ratio	Lower	Upper
65	100		
67	38.9	23.0	42.8

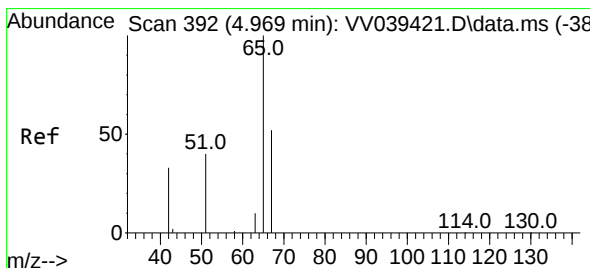
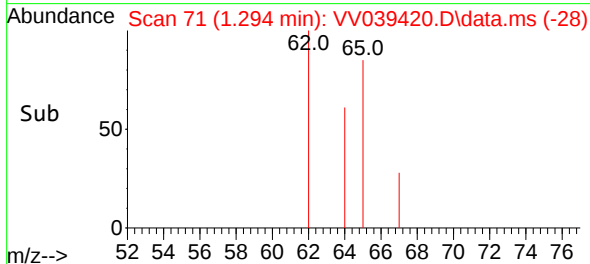
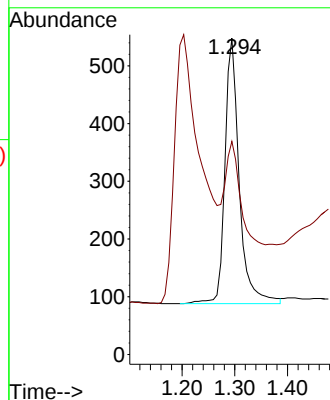
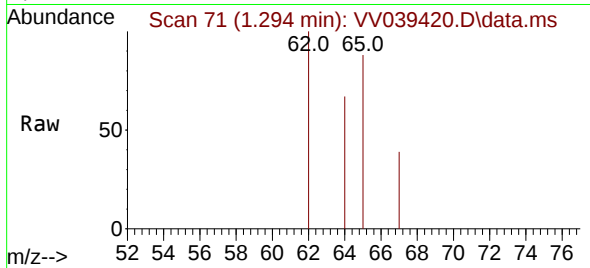




#3
 Vinyl chloride
 Concen: 0.070 ug/L
 RT: 1.294 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV039420.D
 Acq: 25 Nov 2025 10:44

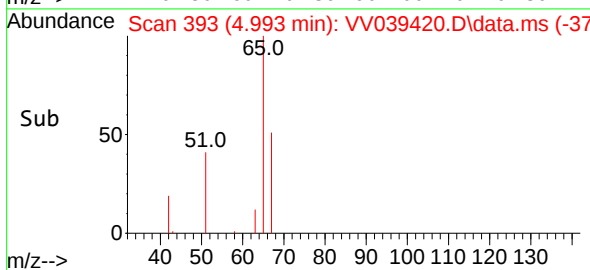
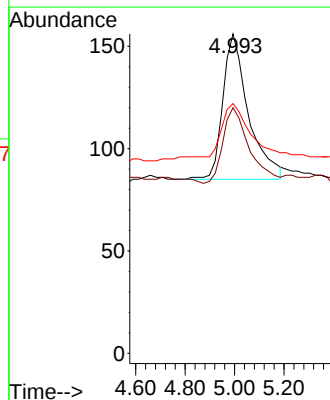
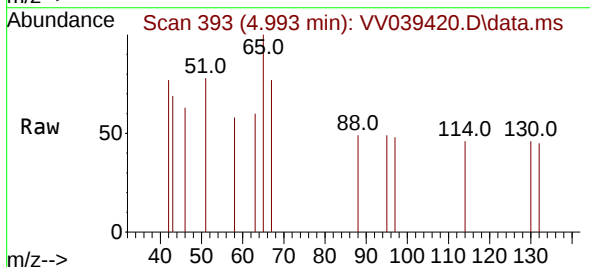
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.1256

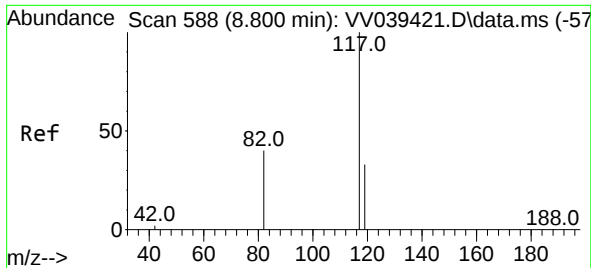
Tgt Ion: 62 Resp: 870
 Ion Ratio Lower Upper
 62 100
 64 67.3 27.6 51.4#



#4
 1,2-Dichloroethane-d4
 Concen: 0.124 ug/L
 RT: 4.993 min Scan# 393
 Delta R.T. 0.024 min
 Lab File: VV039420.D
 Acq: 25 Nov 2025 10:44

Tgt Ion: 65 Resp: 511
 Ion Ratio Lower Upper
 65 100
 67 53.8 37.0 68.8
 51 38.4 27.8 51.6

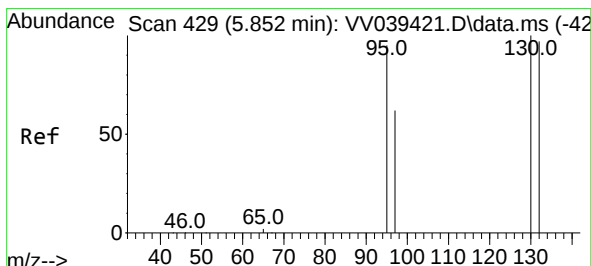
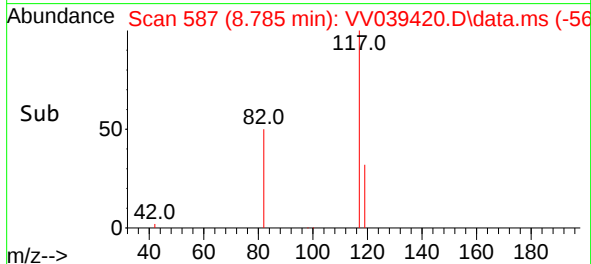
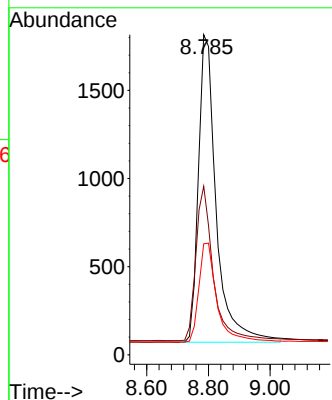
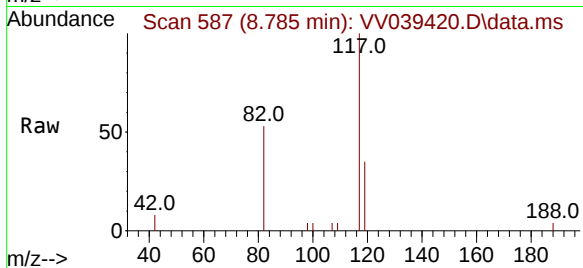




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 51
Delta R.T. -0.015 min
Lab File: VV039420.D
Acq: 25 Nov 2025 10:44

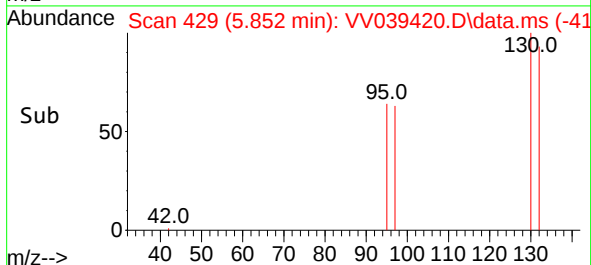
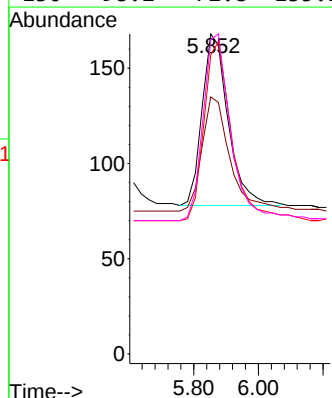
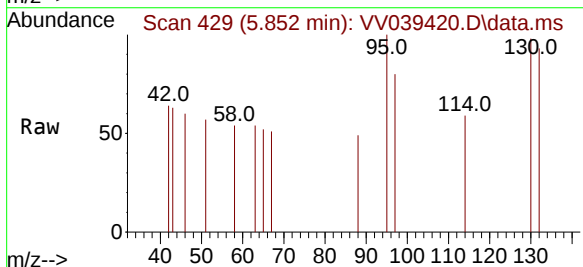
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.1256

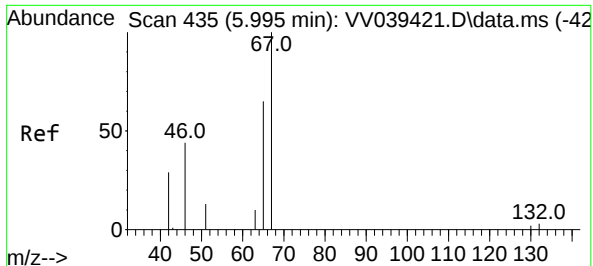
Tgt Ion:	117	Resp:	7028
Ion	Ratio	Lower	Upper
117	100		
82	48.9	38.2	57.4
119	32.5	25.7	38.5



#6
Trichloroethene
Concen: 0.083 ug/L
RT: 5.852 min Scan# 429
Delta R.T. 0.000 min
Lab File: VV039420.D
Acq: 25 Nov 2025 10:44

Tgt Ion:	95	Resp:	505
Ion	Ratio	Lower	Upper
95	100		
97	80.4	48.5	90.1
132	93.5	70.8	131.6
130	98.2	72.8	135.2



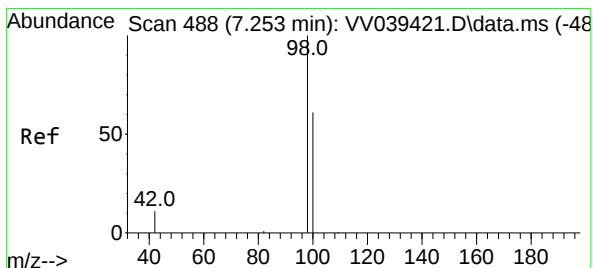
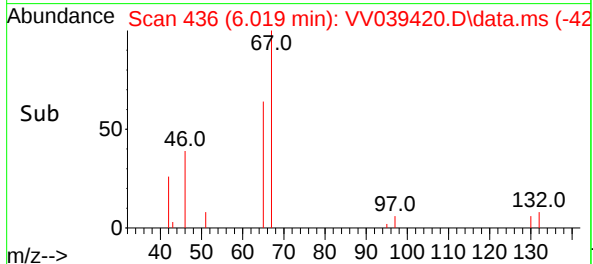
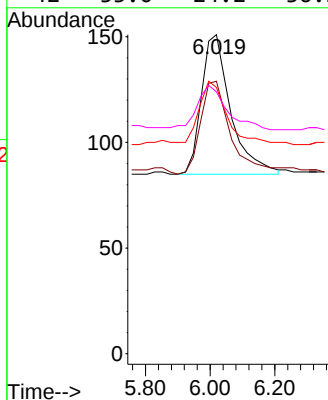
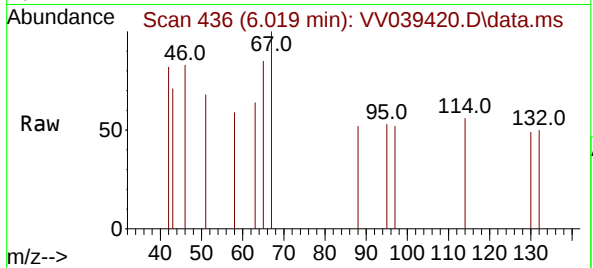


#7
 1,2-Dichloropropane-d6
 Concen: 0.104 ug/L
 RT: 6.019 min Scan# 415
 Delta R.T. 0.024 min
 Lab File: VV039420.D
 Acq: 25 Nov 2025 10:44

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.1256

Tgt Ion: 67 Resp: 415

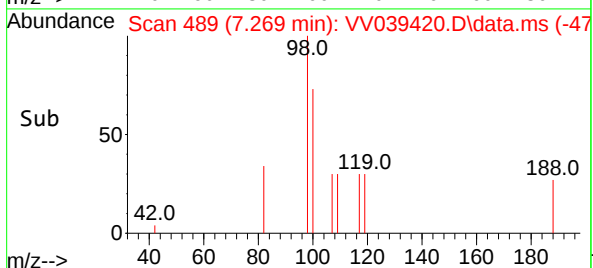
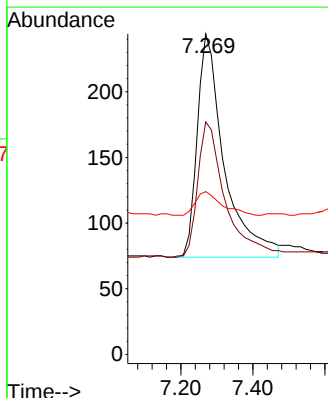
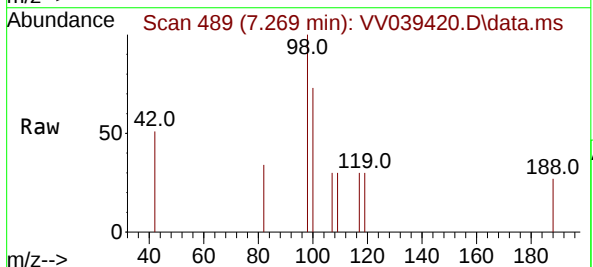
Ion	Ratio	Lower	Upper
67	100		
65	67.7	49.8	74.8
46	40.7	35.8	53.6
42	33.0	24.2	36.2

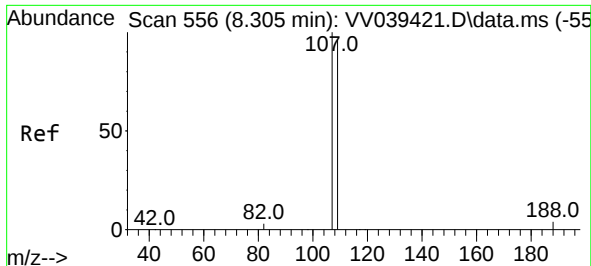


#8
 Toluene-d8
 Concen: 0.100 ug/L
 RT: 7.269 min Scan# 489
 Delta R.T. 0.016 min
 Lab File: VV039420.D
 Acq: 25 Nov 2025 10:44

Tgt Ion: 98 Resp: 884

Ion	Ratio	Lower	Upper
98	100		
100	60.3	43.1	80.1
42	10.1	7.8	14.4

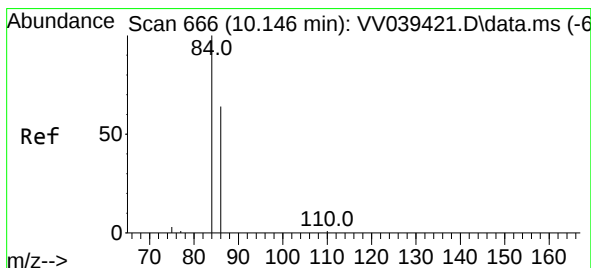
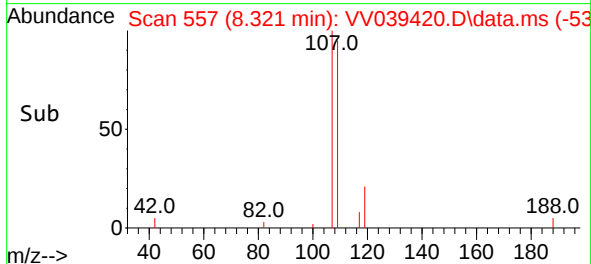
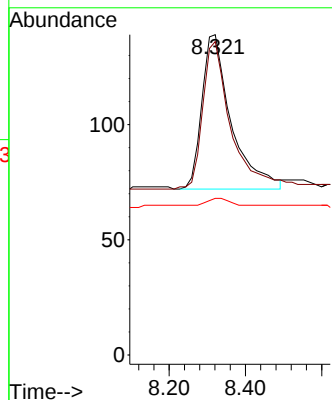
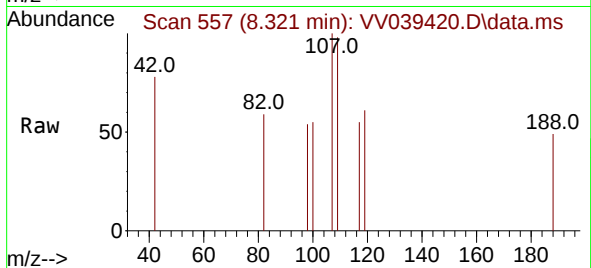




#9
1,2-Dibromoethane
Concen: 0.097 ug/L
RT: 8.321 min Scan# 557
Delta R.T. 0.016 min
Lab File: VV039420.D
Acq: 25 Nov 2025 10:44

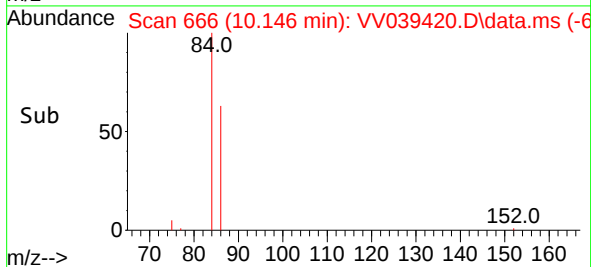
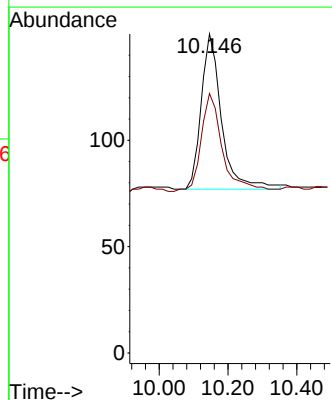
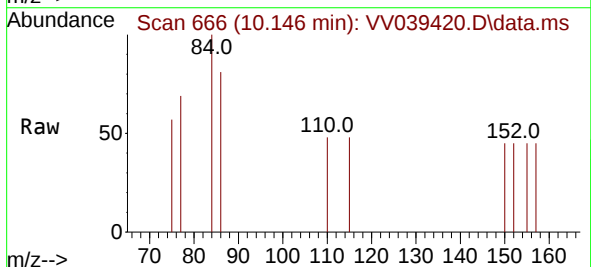
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.1256

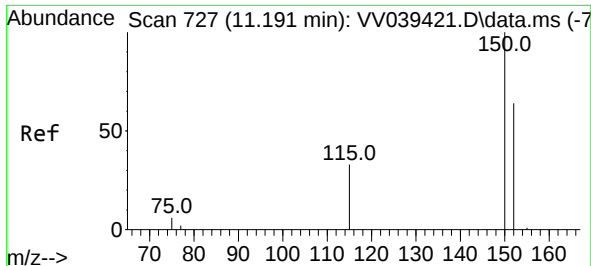
Tgt Ion:	107	Resp:	360
Ion	Ratio	Lower	Upper
107	100		
109	97.8	67.8	125.8
188	48.9	12.8	19.2



#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.106 ug/L
RT: 10.146 min Scan# 666
Delta R.T. 0.000 min
Lab File: VV039420.D
Acq: 25 Nov 2025 10:44

Tgt Ion:	84	Resp:	301
Ion	Ratio	Lower	Upper
84	100		
86	65.4	45.4	84.4





#11

1,4-Dichlorobenzene-d4

Concen: 0.500 ug/L

RT: 11.191 min Scan# 71

Delta R.T. 0.000 min

Lab File: VV039420.D

Acq: 25 Nov 2025 10:44

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.1256

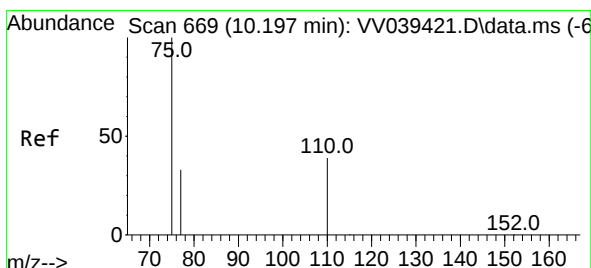
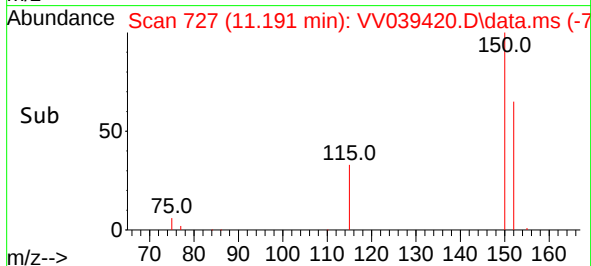
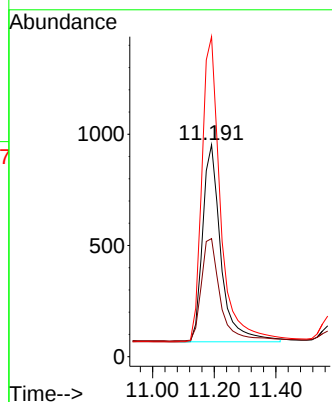
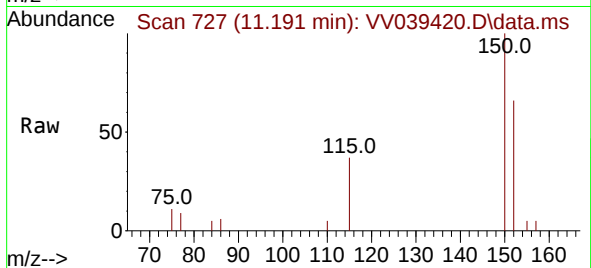
Tgt Ion:152 Resp: 3661

Ion Ratio Lower Upper

152 100

115 53.6 0.0 105.4

150 157.4 0.0 315.4



#12

1,2,3-Trichloropropane

Concen: 0.074 ug/L

RT: 10.214 min Scan# 670

Delta R.T. 0.017 min

Lab File: VV039420.D

Acq: 25 Nov 2025 10:44

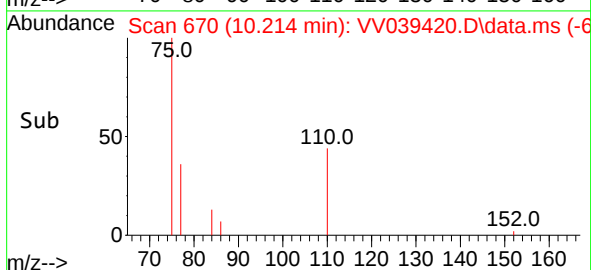
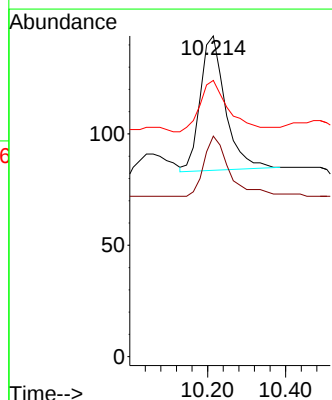
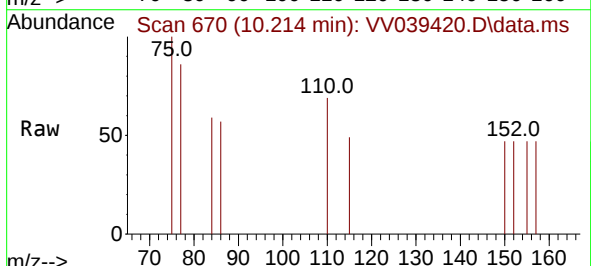
Tgt Ion: 75 Resp: 270

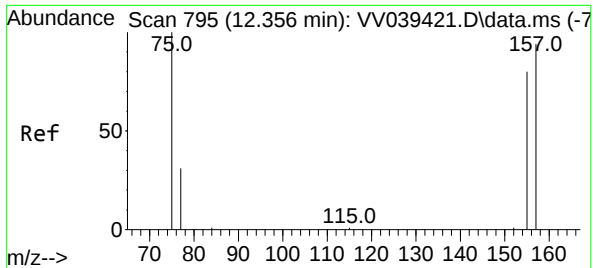
Ion Ratio Lower Upper

75 100

110 45.2 33.6 50.4

77 43.7 28.3 42.5#





#13
 1,2-Dibromo-3-chloropropane
 Concen: 0.078 ug/L
 RT: 12.374 min Scan# 795
 Delta R.T. 0.017 min
 Lab File: VV039420.D
 Acq: 25 Nov 2025 10:44

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.1256

Tgt Ion:	75	Resp:	65
Ion	Ratio	Lower	Upper
75	100		
157	84.2	69.3	103.9
155	82.1	64.4	96.6

