

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112525\
 Data File : VV039425.D
 Acq On : 25 Nov 2025 12:38
 Operator : SY/MD
 Sample : VSTD0.05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.0260

Quant Time: Nov 26 03:50:31 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)

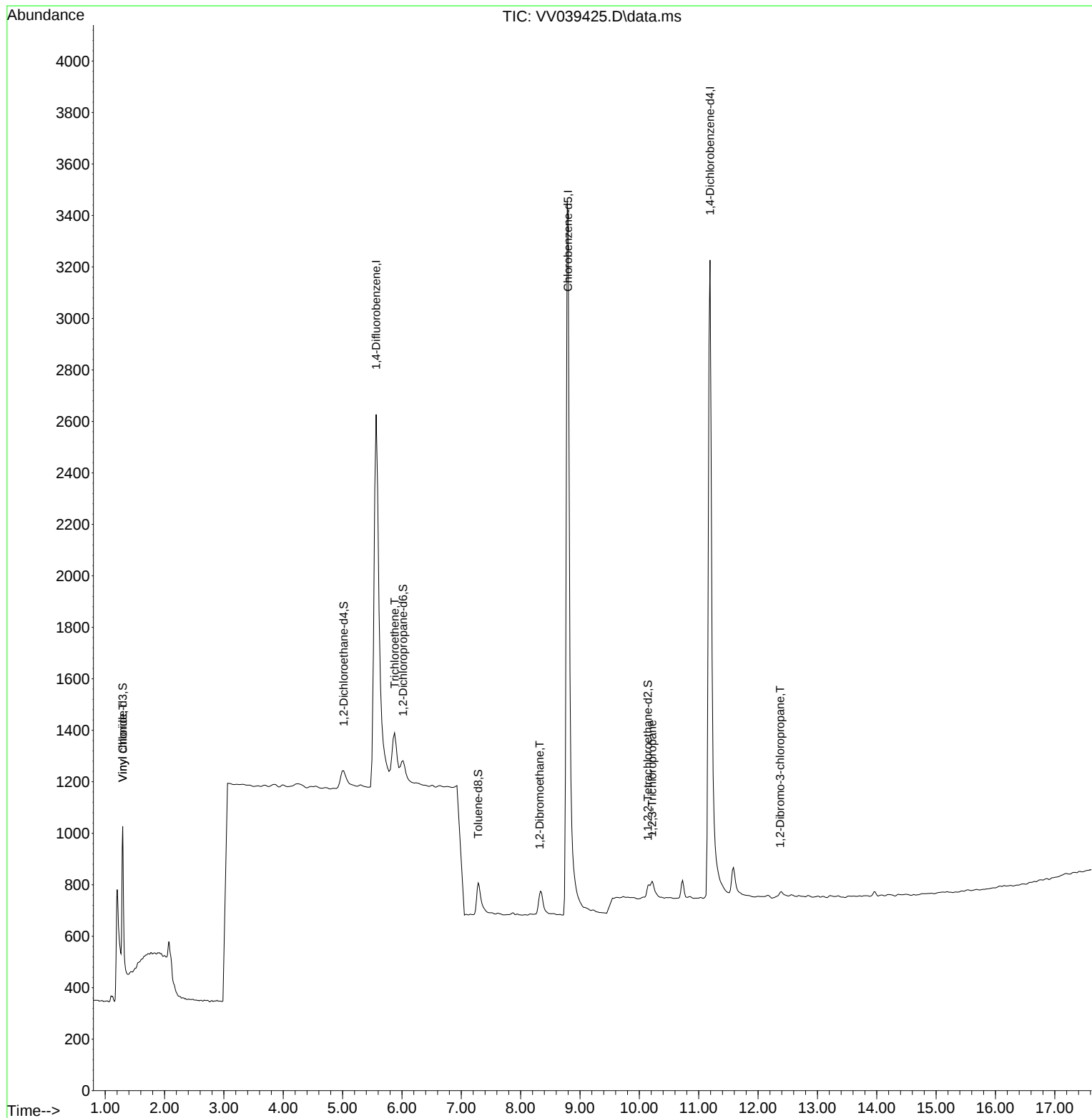
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	6379	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	6359	0.500	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	11.191	152	3249	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	316	0.052	ug/L	0.00
4) 1,2-Dichloroethane-d4	5.017	65	246	0.069	ug/L	0.05
7) 1,2-Dichloropropane-d6	6.019	67	212	0.059	ug/L	0.02
8) Toluene-d8	7.284	98	394	0.049	ug/L	0.03
10) 1,1,2,2-Tetrachloroeth...	10.146	84	147	0.057	ug/L	0.00
Target Compounds						
						Qvalue
3) Vinyl chloride	1.294	62	434	0.040	ug/L #	24
6) Trichloroethene	5.876	95	273	0.049	ug/L	91
9) 1,2-Dibromoethane	8.321	107	202	0.060	ug/L #	83
12) 1,2,3-Trichloropropane	10.214	75	149	0.046	ug/L #	84
13) 1,2-Dibromo-3-chloropr...	12.374	75	35	0.047	ug/L	96

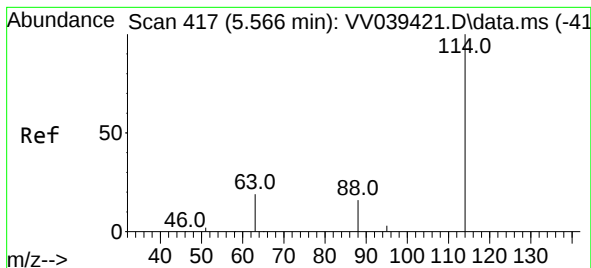
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112525\
Data File : VV039425.D
Acq On : 25 Nov 2025 12:38
Operator : SY/MD
Sample : VSTD0.05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.0260

Quant Time: Nov 26 03:50:31 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

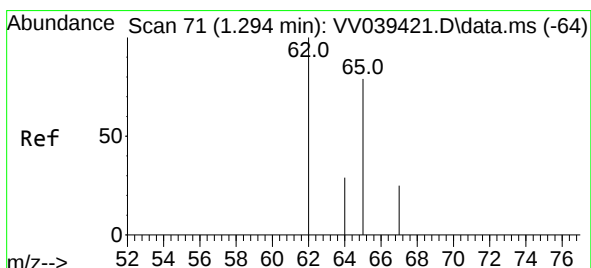
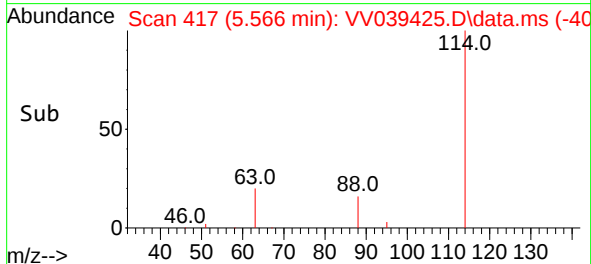
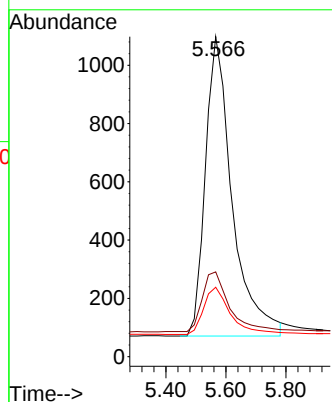
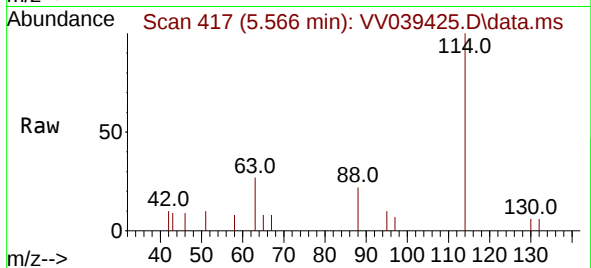




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV039425.D
Acq: 25 Nov 2025 12:38

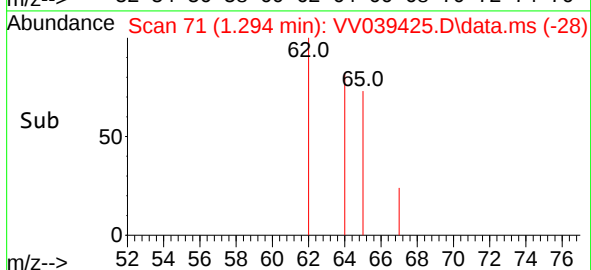
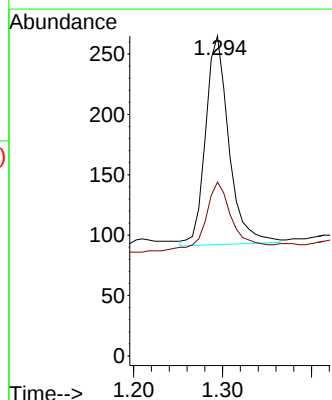
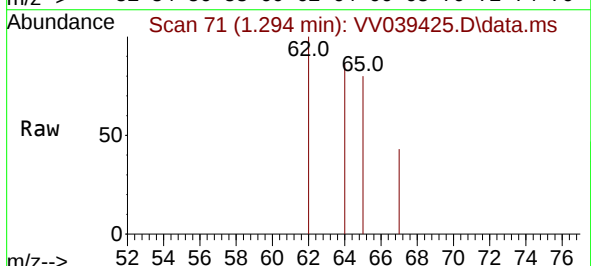
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.0260

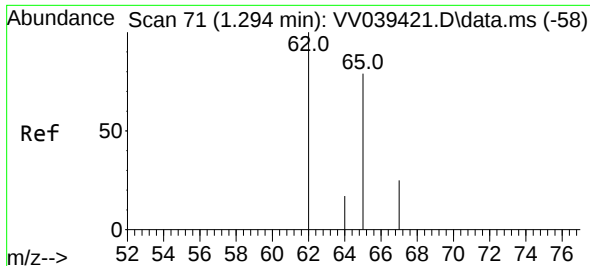
Tgt Ion:114 Resp: 6379
Ion Ratio Lower Upper
114 100
63 20.4 15.8 23.6
88 15.8 12.4 18.6



#2
Vinyl Chloride-d3
Concen: 0.052 ug/L
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039425.D
Acq: 25 Nov 2025 12:38

Tgt Ion: 65 Resp: 316
Ion Ratio Lower Upper
65 100
67 44.0 23.0 42.8#

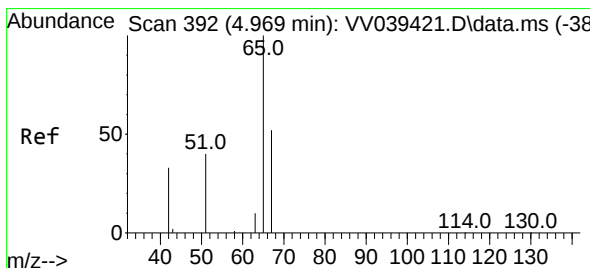
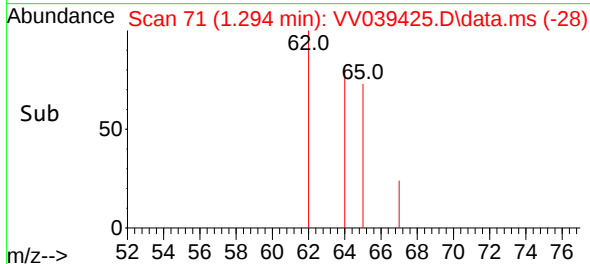
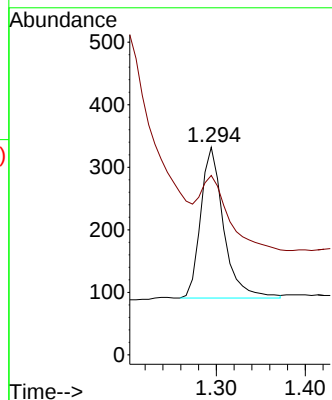
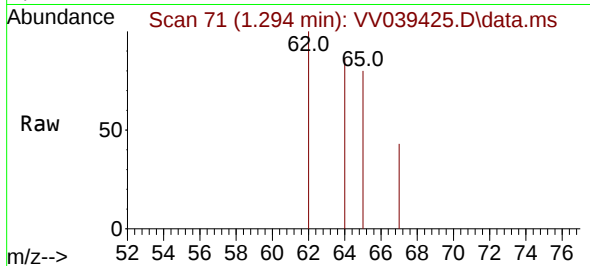




#3
 Vinyl chloride
 Concen: 0.040 ug/L
 RT: 1.294 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV039425.D
 Acq: 25 Nov 2025 12:38

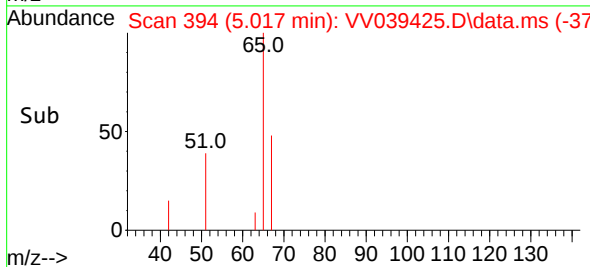
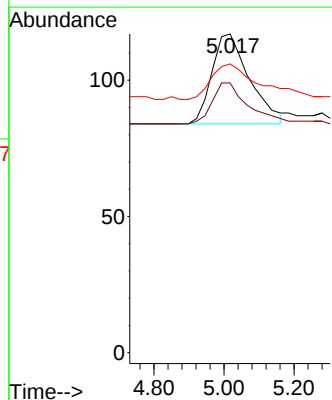
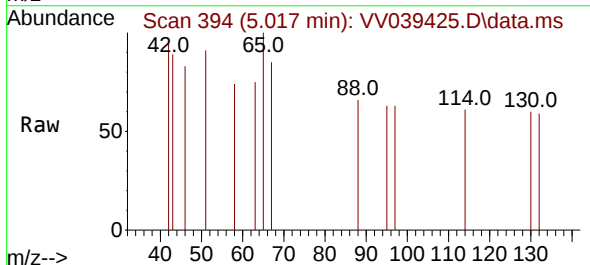
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.0260

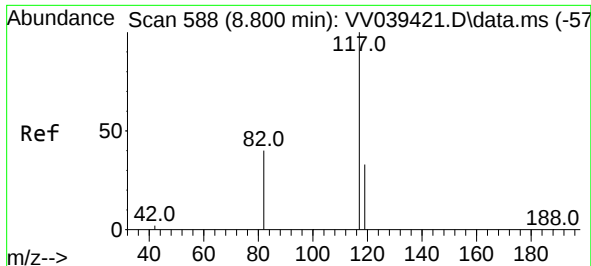
Tgt Ion: 62 Resp: 434
 Ion Ratio Lower Upper
 62 100
 64 86.4 27.6 51.4#



#4
 1,2-Dichloroethane-d4
 Concen: 0.069 ug/L
 RT: 5.017 min Scan# 394
 Delta R.T. 0.048 min
 Lab File: VV039425.D
 Acq: 25 Nov 2025 12:38

Tgt Ion: 65 Resp: 246
 Ion Ratio Lower Upper
 65 100
 67 43.5 37.0 68.8
 51 45.5 27.8 51.6

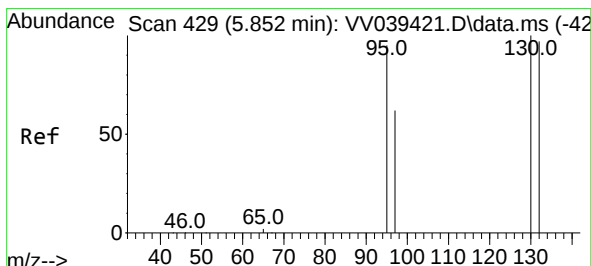
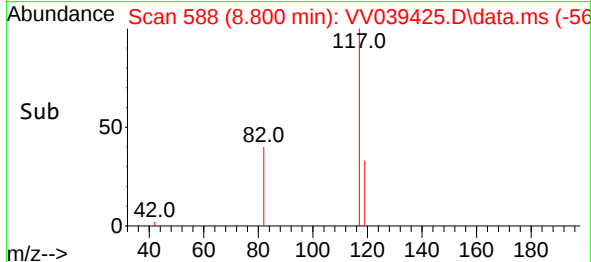
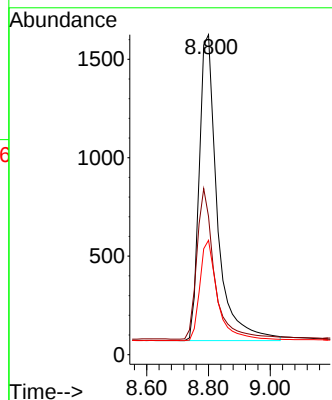
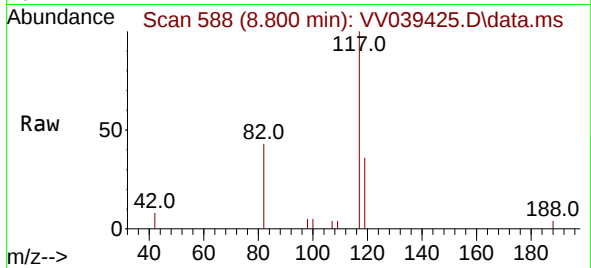




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV039425.D
Acq: 25 Nov 2025 12:38

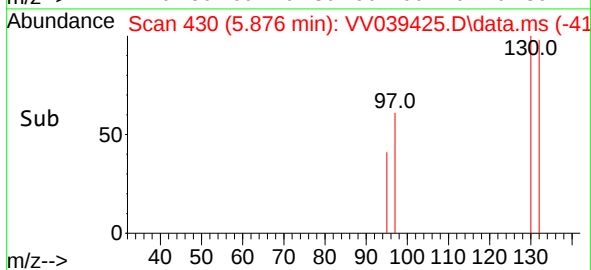
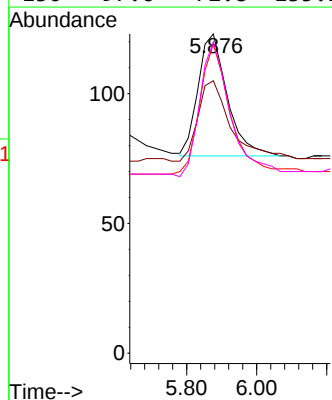
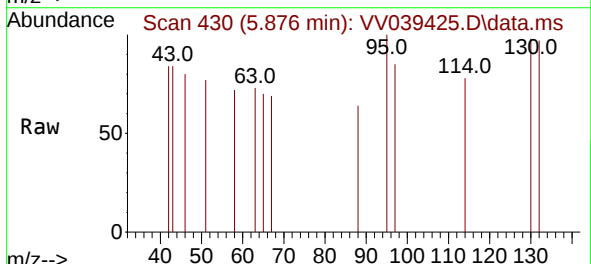
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.0260

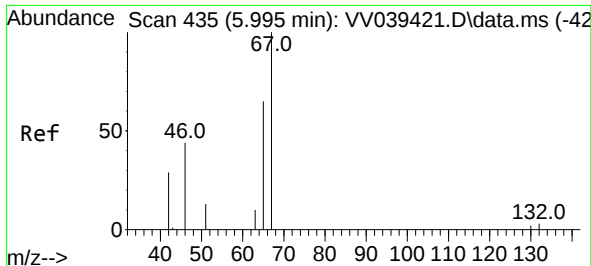
Tgt Ion:	117	Resp:	6359
Ion	Ratio	Lower	Upper
117	100		
82	47.8	38.2	57.4
119	32.6	25.7	38.5



#6
Trichloroethene
Concen: 0.049 ug/L
RT: 5.876 min Scan# 430
Delta R.T. 0.024 min
Lab File: VV039425.D
Acq: 25 Nov 2025 12:38

Tgt Ion:	95	Resp:	273
Ion	Ratio	Lower	Upper
95	100		
97	85.4	48.5	90.1
132	96.7	70.8	131.6
130	97.6	72.8	135.2



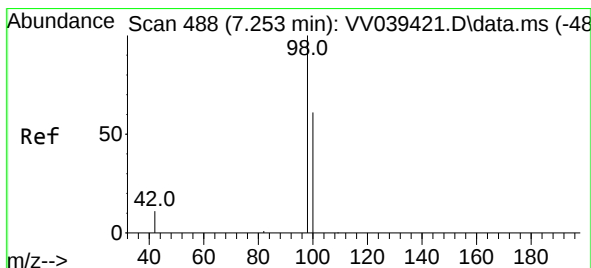
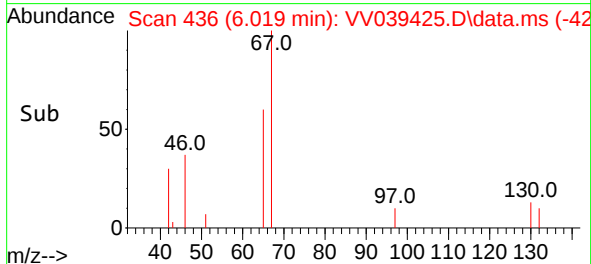
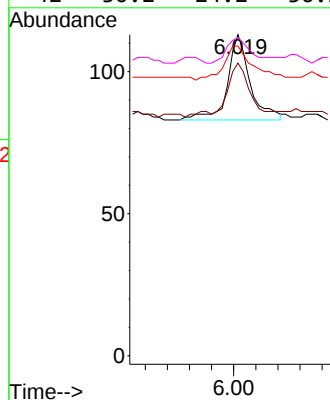
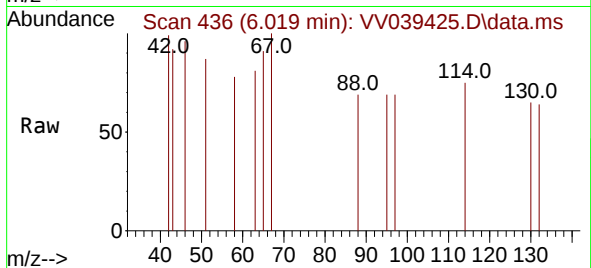


#7
1,2-Dichloropropane-d6
Concen: 0.059 ug/L
RT: 6.019 min Scan# 41
Delta R.T. 0.024 min
Lab File: VV039425.D
Acq: 25 Nov 2025 12:38

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.0260

Tgt Ion: 67 Resp: 212

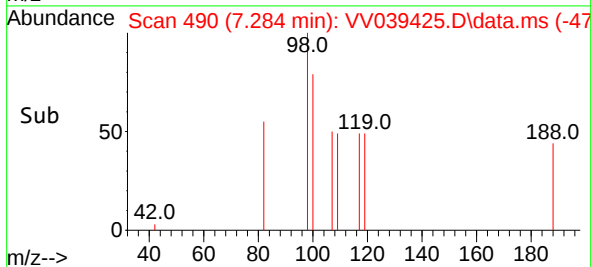
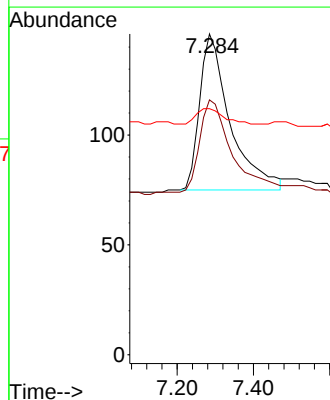
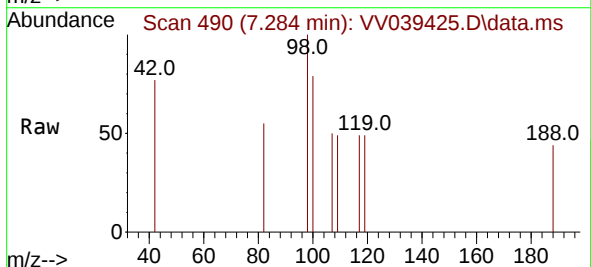
Ion	Ratio	Lower	Upper
67	100		
65	66.0	49.8	74.8
46	50.0	35.8	53.6
42	30.2	24.2	36.2

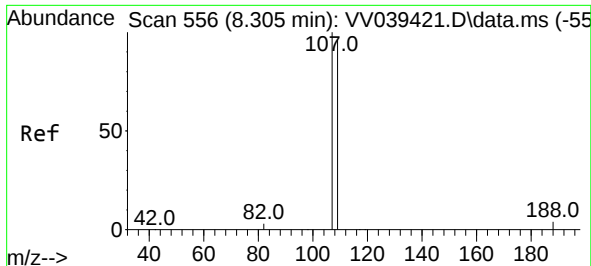


#8
Toluene-d8
Concen: 0.049 ug/L
RT: 7.284 min Scan# 490
Delta R.T. 0.031 min
Lab File: VV039425.D
Acq: 25 Nov 2025 12:38

Tgt Ion: 98 Resp: 394

Ion	Ratio	Lower	Upper
98	100		
100	62.7	43.1	80.1
42	8.6	7.8	14.4

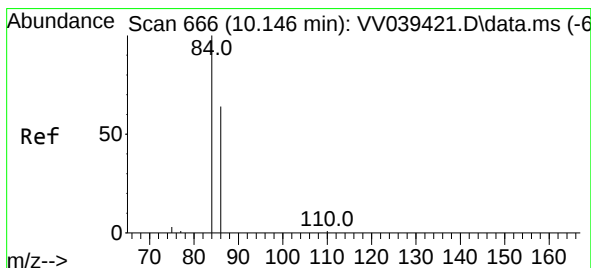
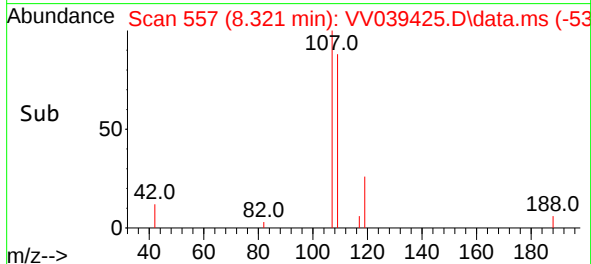
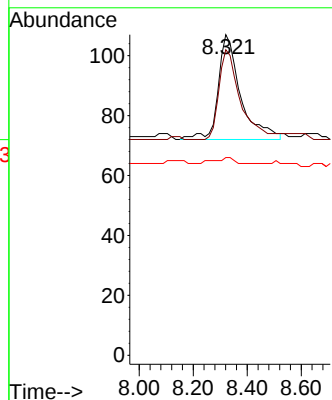
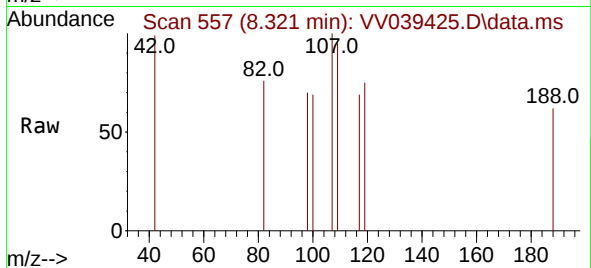




#9
 1,2-Dibromoethane
 Concen: 0.060 ug/L
 RT: 8.321 min Scan# 557
 Delta R.T. 0.016 min
 Lab File: VV039425.D
 Acq: 25 Nov 2025 12:38

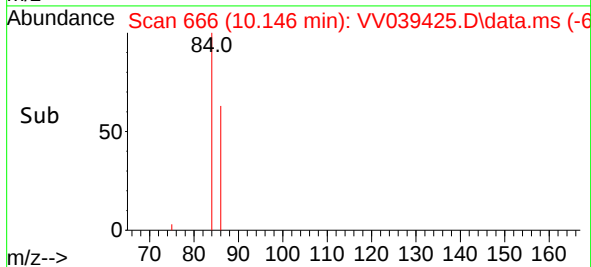
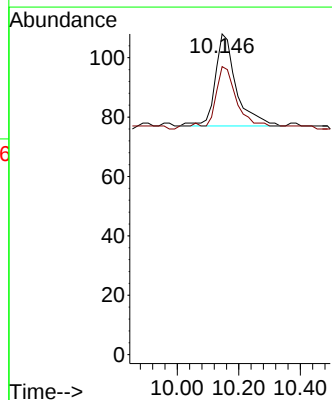
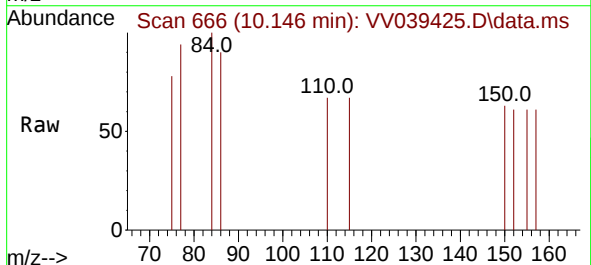
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.0260

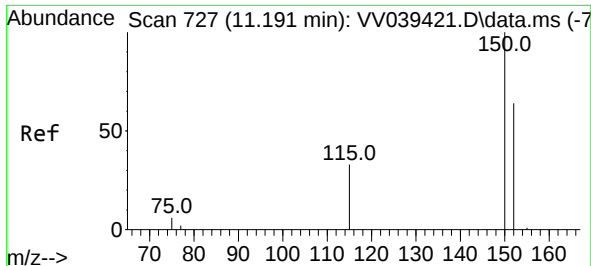
Tgt Ion:107 Resp: 202
 Ion Ratio Lower Upper
 107 100
 109 95.3 67.8 125.8
 188 61.7 12.8 19.2#



#10
 1,1,2,2-Tetrachloroethane-d2
 Concen: 0.057 ug/L
 RT: 10.146 min Scan# 666
 Delta R.T. 0.000 min
 Lab File: VV039425.D
 Acq: 25 Nov 2025 12:38

Tgt Ion: 84 Resp: 147
 Ion Ratio Lower Upper
 84 100
 86 74.1 45.4 84.4

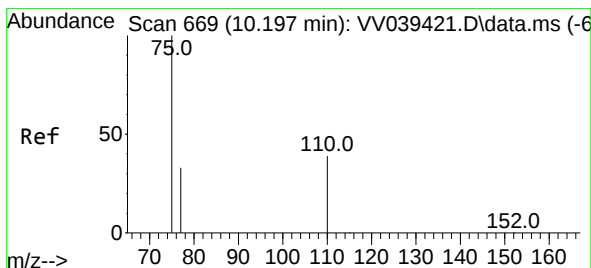
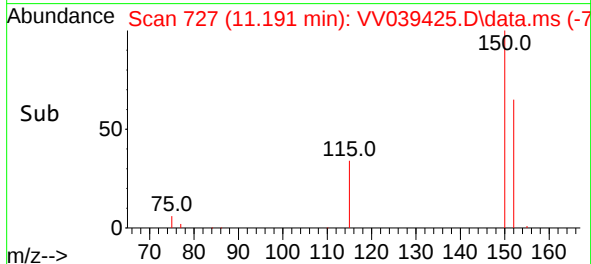
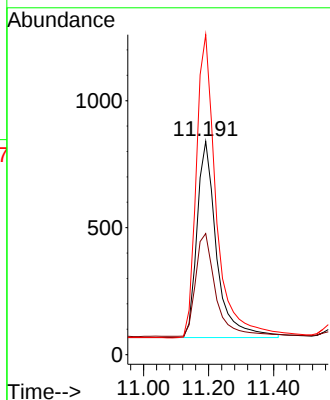
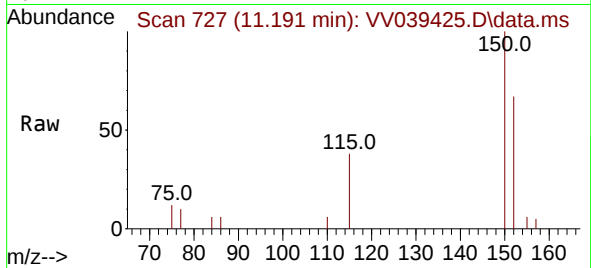




#11
 1,4-Dichlorobenzene-d4
 Concen: 0.500 ug/L
 RT: 11.191 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV039425.D
 Acq: 25 Nov 2025 12:38

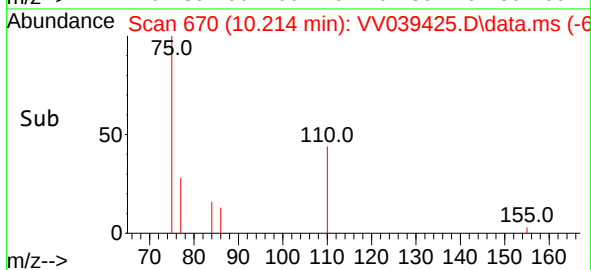
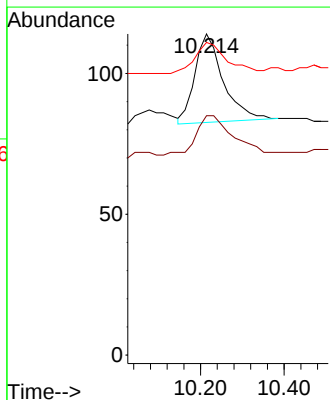
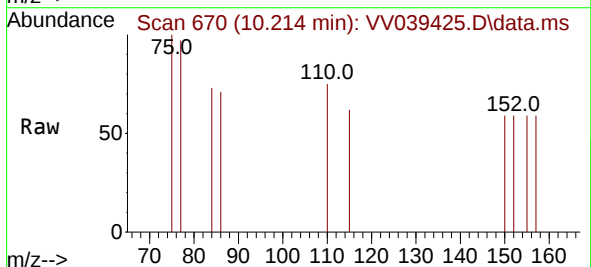
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.0260

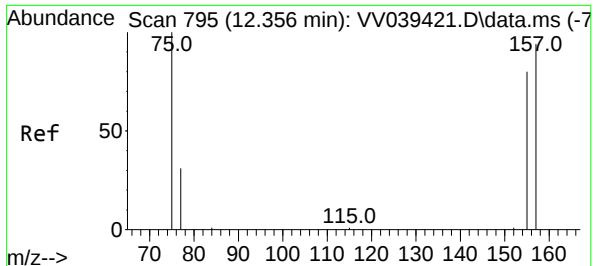
Tgt Ion:	152	Resp:	3249
Ion	Ratio	Lower	Upper
152	100		
115	53.6	0.0	105.4
150	157.5	0.0	315.4



#12
 1,2,3-Trichloropropane
 Concen: 0.046 ug/L
 RT: 10.214 min Scan# 670
 Delta R.T. 0.017 min
 Lab File: VV039425.D
 Acq: 25 Nov 2025 12:38

Tgt Ion:	75	Resp:	149
Ion	Ratio	Lower	Upper
75	100		
110	57.7	33.6	50.4#
77	38.9	28.3	42.5





#13
 1,2-Dibromo-3-chloropropane
 Concen: 0.047 ug/L
 RT: 12.374 min Scan# 795
 Delta R.T. 0.017 min
 Lab File: VV039425.D
 Acq: 25 Nov 2025 12:38

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.0260

Tgt Ion:	75	Resp:	35
Ion	Ratio	Lower	Upper
75	100		
157	81.1	69.3	103.9
155	78.9	64.4	96.6

