

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072425\
 Data File : VX047125.D
 Acq On : 24 Jul 2025 16:58
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

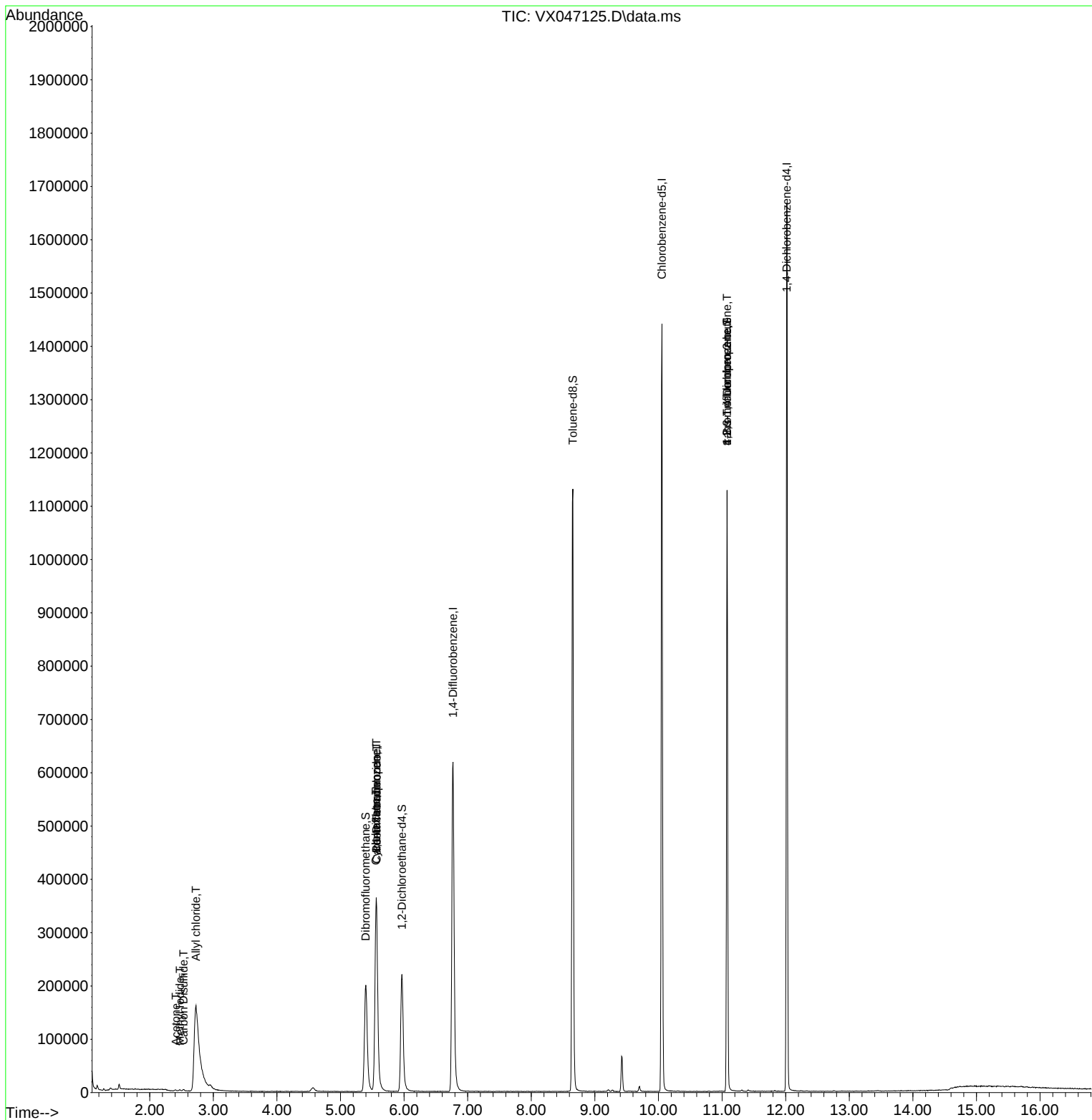
Quant Time: Jul 25 01:26:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

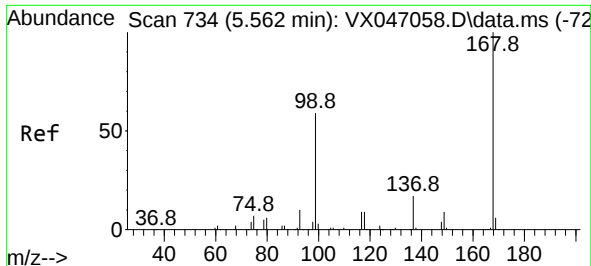
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	353076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	661776	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	628560	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	324837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	231880	52.721	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.440%
35) Dibromofluoromethane	5.397	113	188481	46.128	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.260%
50) Toluene-d8	8.653	98	699165	52.837	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.680%
62) 4-Bromofluorobenzene	11.079	95	295206	51.768	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.540%
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.477	142	2934	0.643	ug/l #	83
11) Tert butyl alcohol	2.953	59	2421	Below Cal	#	72
14) Allyl chloride	2.727	41	522549	65.149	ug/l #	42
16) Acetone	2.410	43	2254	1.279	ug/l	96
17) Carbon Disulfide	2.532	76	3163	0.246	ug/l #	88
31) Cyclohexane	5.556	56	8526	1.037	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	30133	4.326	ug/l #	50
38) Carbon Tetrachloride	5.568	117	39887	5.366	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	153747	25.571	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	153747	65.881	ug/l #	8

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

Quant Time: Jul 25 01:26:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

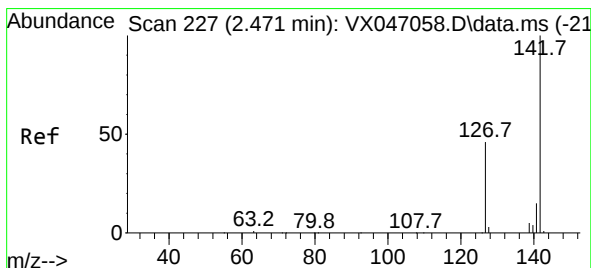
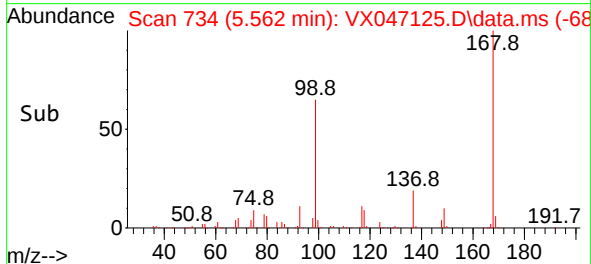
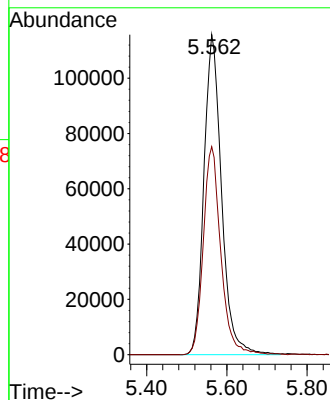
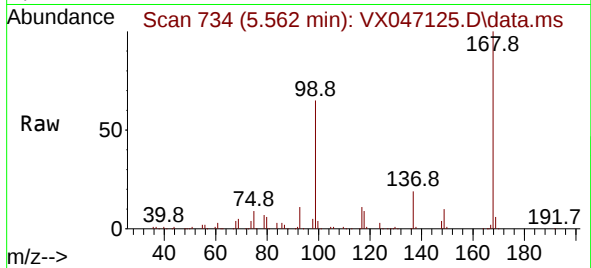




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047125.D
Acq: 24 Jul 2025 16:58

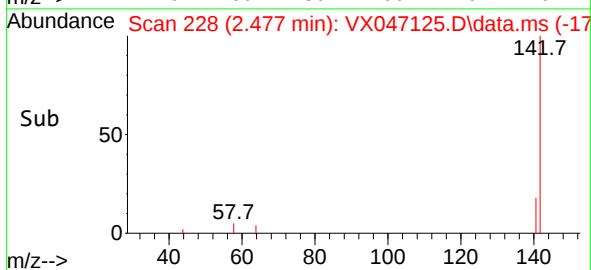
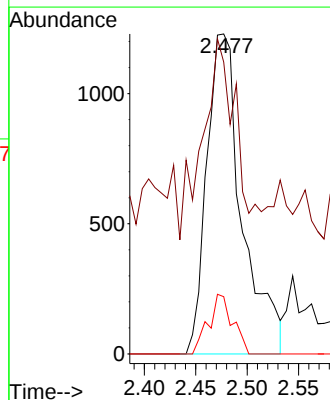
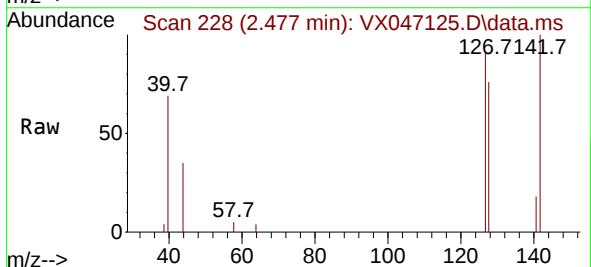
Instrument :
MSVOA_X
ClientSampleId :

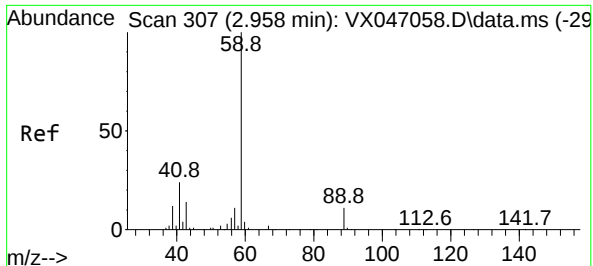
Tgt Ion:168 Resp: 353076
Ion Ratio Lower Upper
168 100
99 65.0 48.0 72.0



#10
Methyl Iodide
Concen: 0.643 ug/l
RT: 2.477 min Scan# 228
Delta R.T. 0.007 min
Lab File: VX047125.D
Acq: 24 Jul 2025 16:58

Tgt Ion:142 Resp: 2934
Ion Ratio Lower Upper
142 100
127 59.4 36.6 54.8#
141 12.7 10.9 16.3

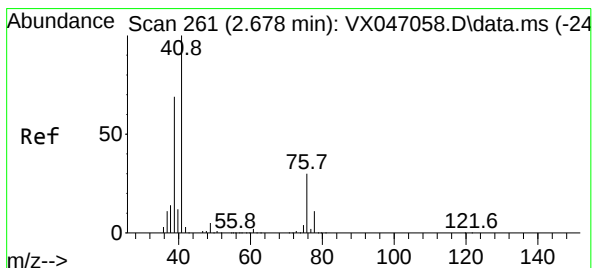
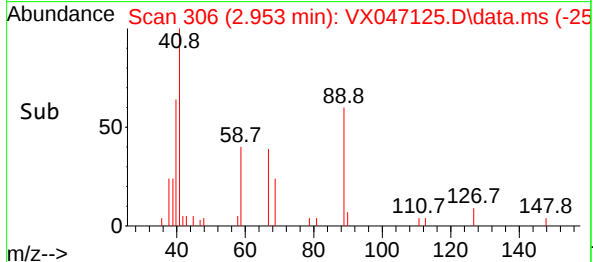
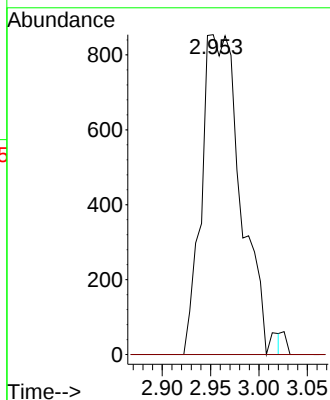
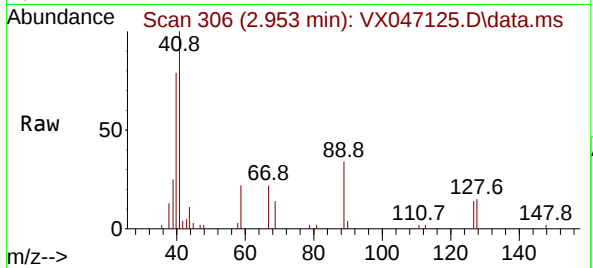




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 307
Delta R.T. -0.005 min
Lab File: VX047125.D
Acq: 24 Jul 2025 16:58

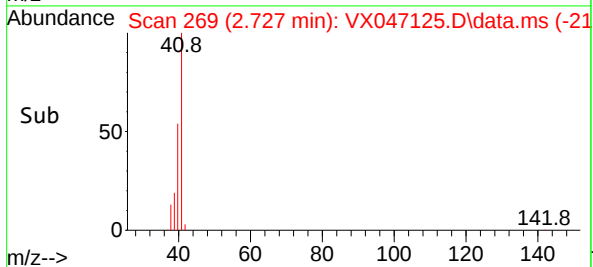
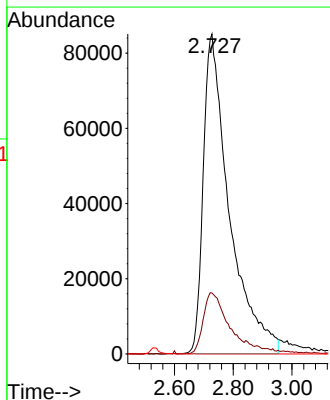
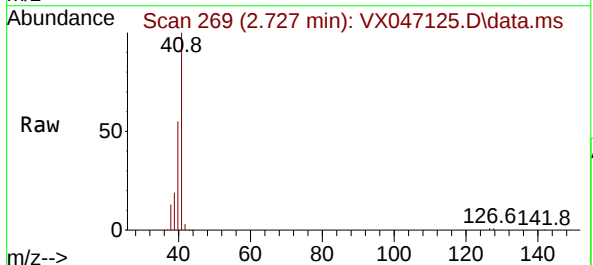
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 2421
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#14
Allyl chloride
Concen: 65.149 ug/l
RT: 2.727 min Scan# 269
Delta R.T. 0.049 min
Lab File: VX047125.D
Acq: 24 Jul 2025 16:58

Tgt Ion: 41 Resp: 522549
Ion Ratio Lower Upper
41 100
39 19.9 52.6 78.8#
76 0.0 25.7 38.5#

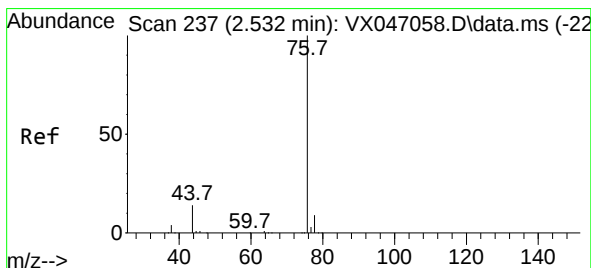
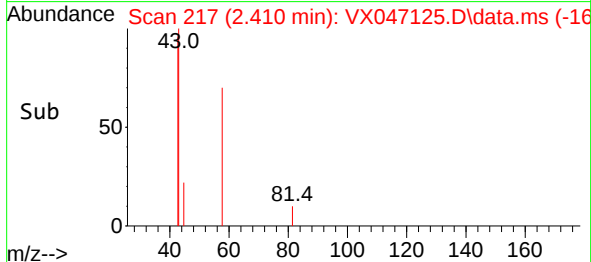
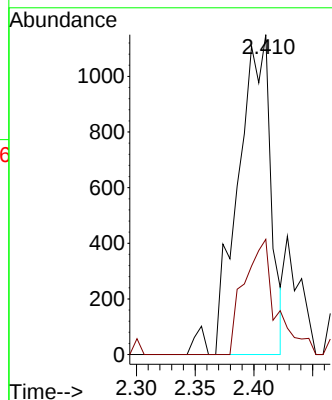
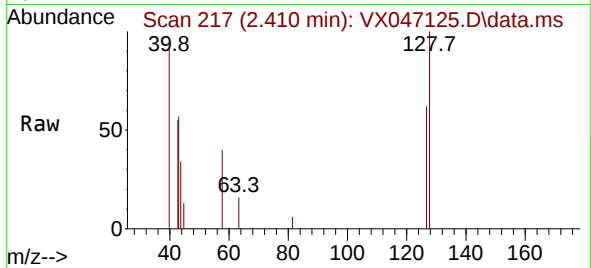




#16
Acetone
Concen: 1.279 ug/l
RT: 2.410 min Scan# 213
Delta R.T. 0.025 min
Lab File: VX047125.D
Acq: 24 Jul 2025 16:58

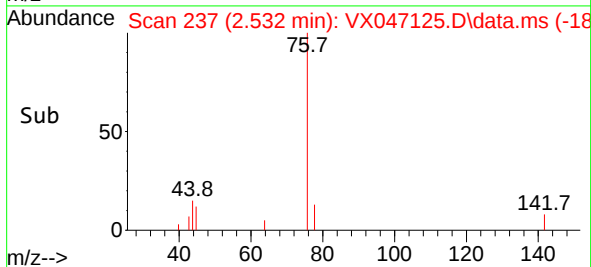
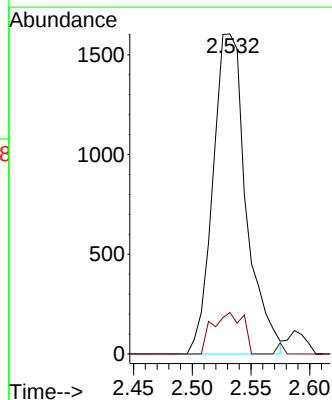
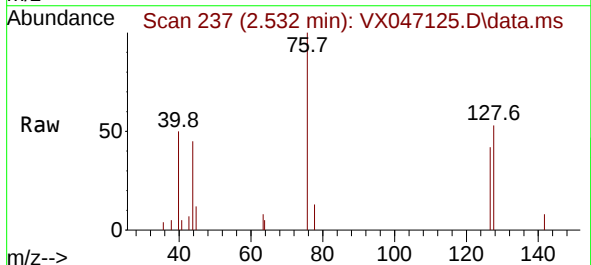
Instrument :
MSVOA_X
ClientSampleId :

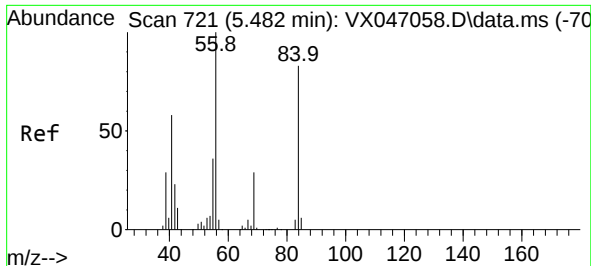
Tgt Ion: 43 Resp: 2254
Ion Ratio Lower Upper
43 100
58 27.6 24.0 36.0



#17
Carbon Disulfide
Concen: 0.246 ug/l
RT: 2.532 min Scan# 237
Delta R.T. 0.000 min
Lab File: VX047125.D
Acq: 24 Jul 2025 16:58

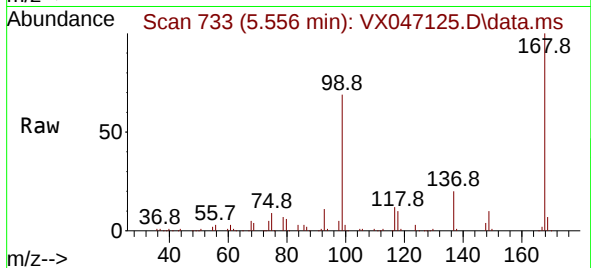
Tgt Ion: 76 Resp: 3163
Ion Ratio Lower Upper
76 100
78 13.0 7.0 10.4#



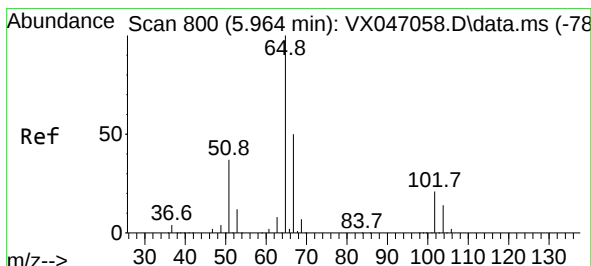
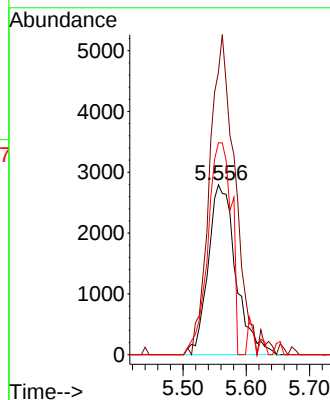
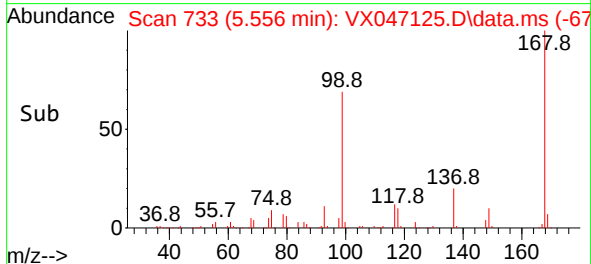


#31
Cyclohexane
Concen: 1.037 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.074 min
Lab File: VX047125.D
Acq: 24 Jul 2025 16:58

Instrument :
MSVOA_X
ClientSampleId :

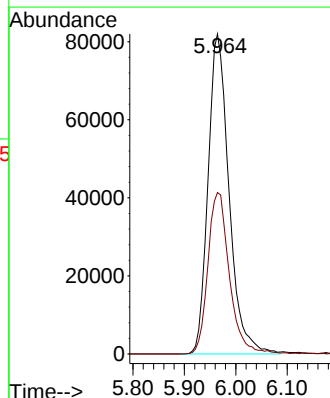
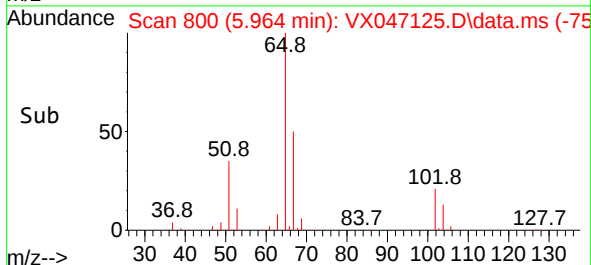
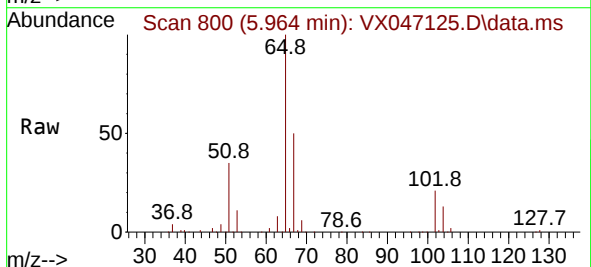


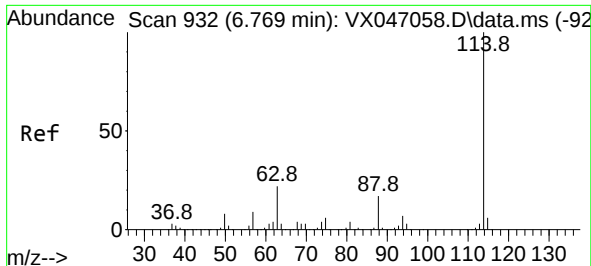
Tgt Ion: 56 Resp: 8526
Ion Ratio Lower Upper
56 100
69 166.3 23.3 34.9#
84 124.6 66.5 99.7#



#33
1,2-Dichloroethane-d4
Concen: 52.721 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047125.D
Acq: 24 Jul 2025 16:58

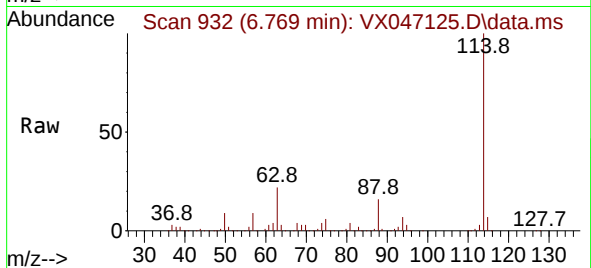
Tgt Ion: 65 Resp: 231880
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.8



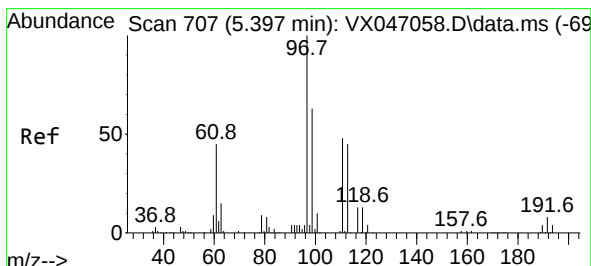
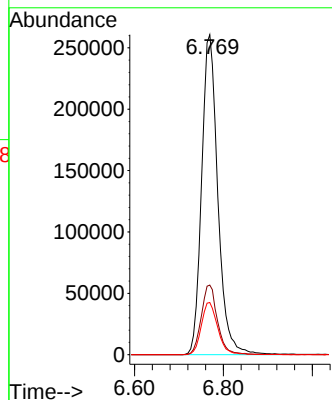
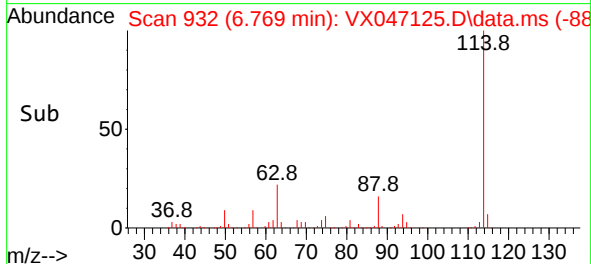


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047125.D
Acq: 24 Jul 2025 16:58

Instrument :
MSVOA_X
ClientSampleId :

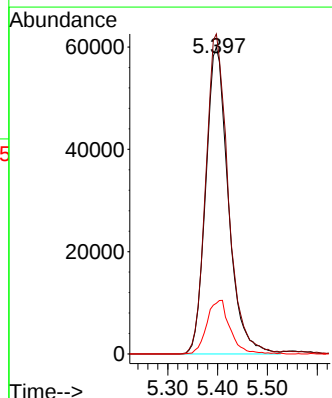
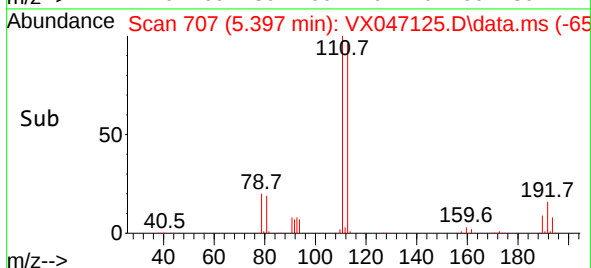
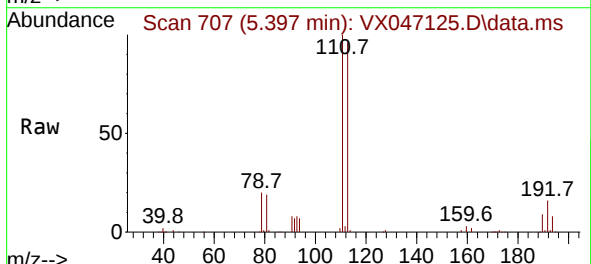


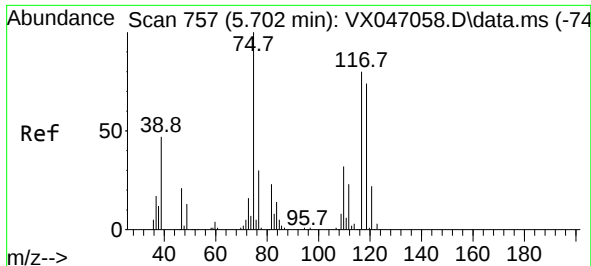
Tgt Ion:114 Resp: 661776
Ion Ratio Lower Upper
114 100
63 21.8 0.0 43.2
88 16.3 0.0 33.8



#35
Dibromofluoromethane
Concen: 46.128 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047125.D
Acq: 24 Jul 2025 16:58

Tgt Ion:113 Resp: 188481
Ion Ratio Lower Upper
113 100
111 104.1 82.6 124.0
192 17.9 14.9 22.3

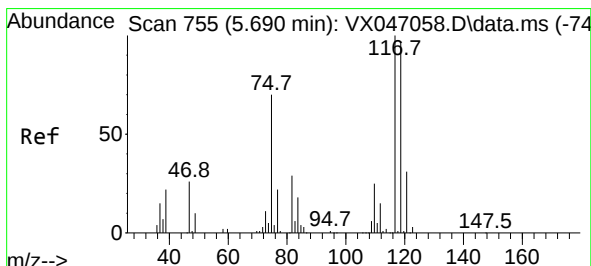
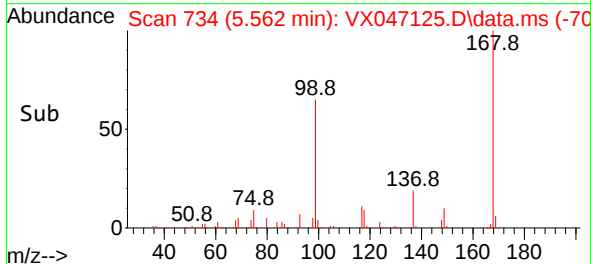
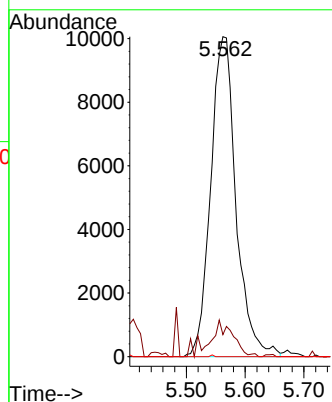
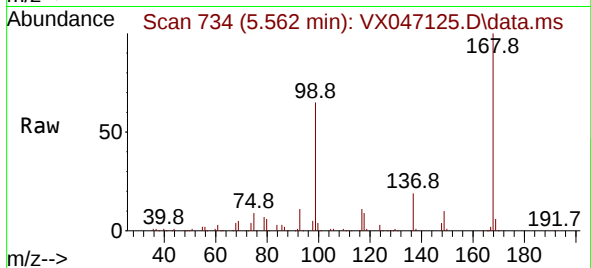




#36
 1,1-Dichloropropene
 Concen: 4.326 ug/l
 RT: 5.562 min Scan# 71
 Delta R.T. -0.140 min
 Lab File: VX047125.D
 Acq: 24 Jul 2025 16:58

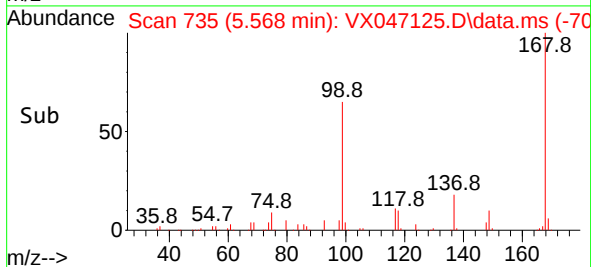
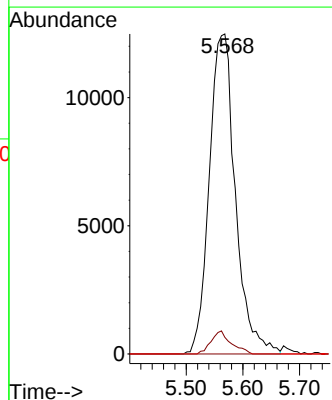
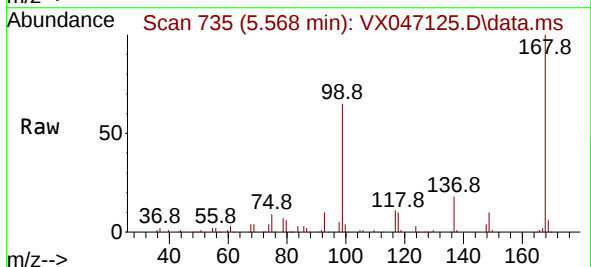
Instrument :
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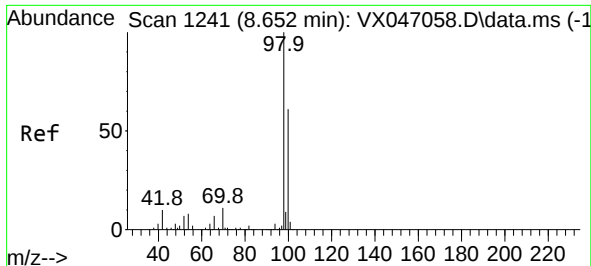
Tgt Ion: 75 Resp: 30133
 Ion Ratio Lower Upper
 75 100
 110 8.6 17.2 51.5#
 77 0.1 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 5.366 ug/l
 RT: 5.568 min Scan# 735
 Delta R.T. -0.121 min
 Lab File: VX047125.D
 Acq: 24 Jul 2025 16:58

Tgt Ion: 117 Resp: 39887
 Ion Ratio Lower Upper
 117 100
 119 5.2 76.6 115.0#
 121 0.0 24.4 36.6#

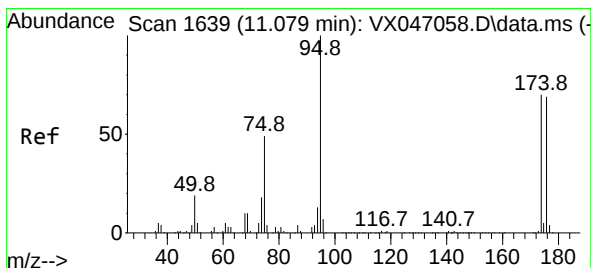
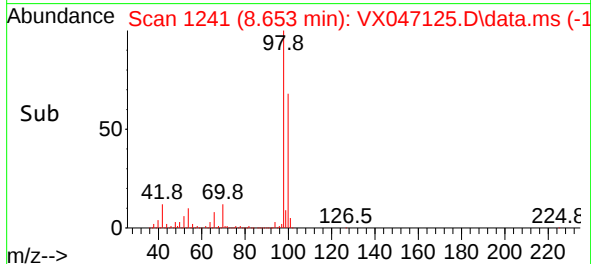
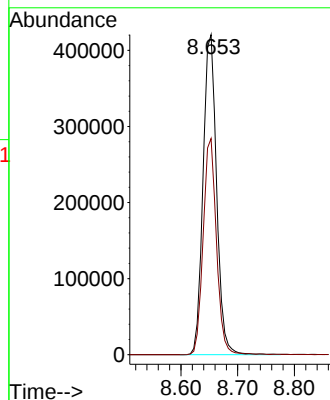
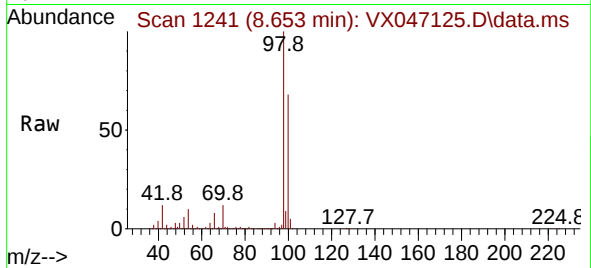




#50
Toluene-d8
Concen: 52.837 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047125.D
Acq: 24 Jul 2025 16:58

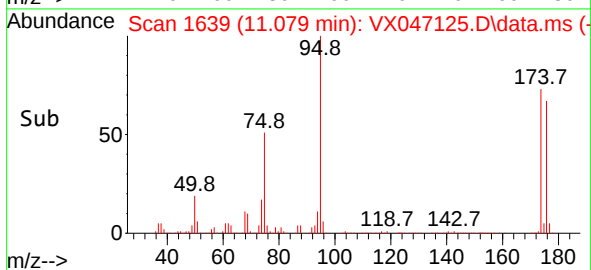
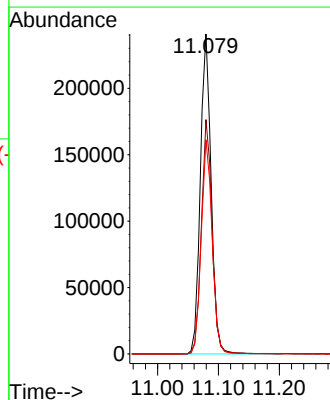
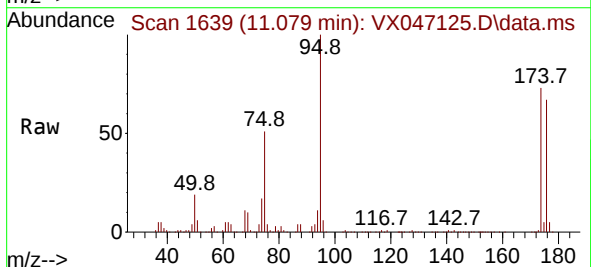
Instrument :
MSVOA_X
ClientSampleId :

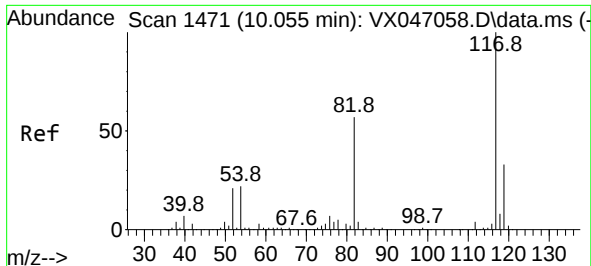
Tgt Ion: 98 Resp: 699165
Ion Ratio Lower Upper
98 100
100 66.2 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 51.768 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047125.D
Acq: 24 Jul 2025 16:58

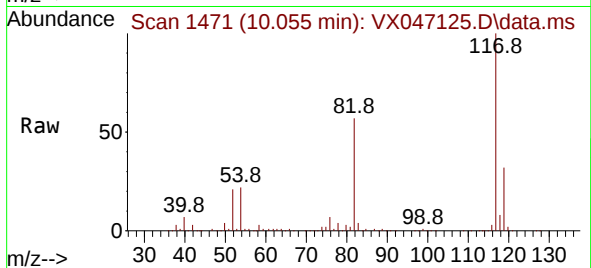
Tgt Ion: 95 Resp: 295206
Ion Ratio Lower Upper
95 100
174 72.7 0.0 144.6
176 67.9 0.0 139.6



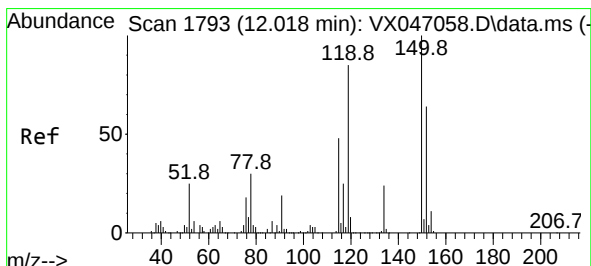
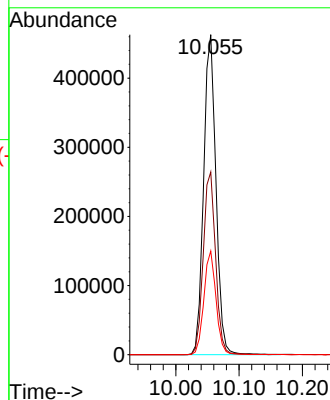
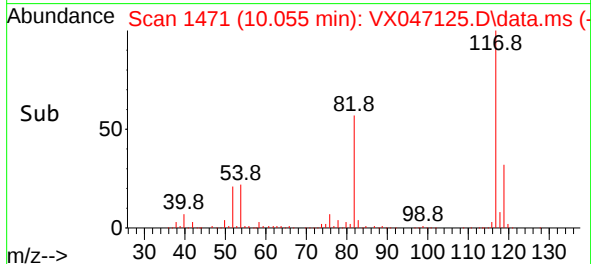


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047125.D
Acq: 24 Jul 2025 16:58

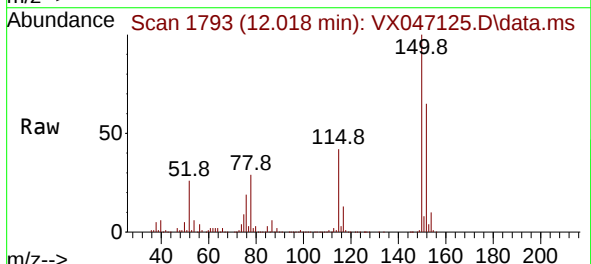
Instrument :
MSVOA_X
ClientSampleId :



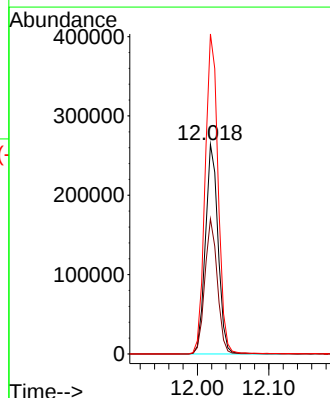
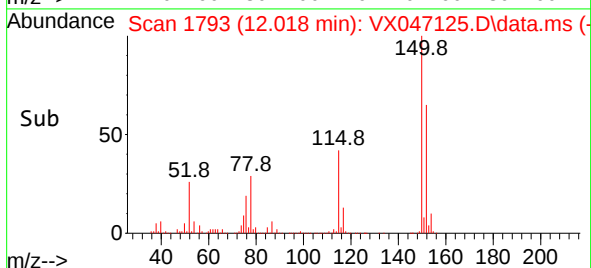
Tgt Ion:117 Resp: 628560
Ion Ratio Lower Upper
117 100
82 57.1 45.4 68.2
119 32.4 26.1 39.1

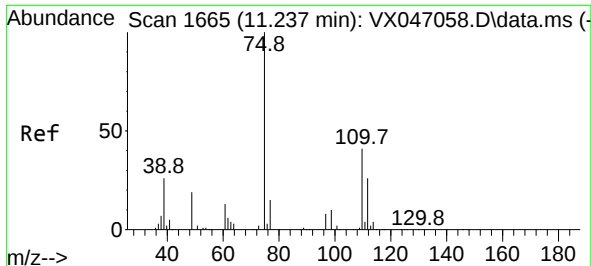


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047125.D
Acq: 24 Jul 2025 16:58



Tgt Ion:152 Resp: 324837
Ion Ratio Lower Upper
152 100
115 63.6 45.6 136.7
150 156.8 0.0 354.6

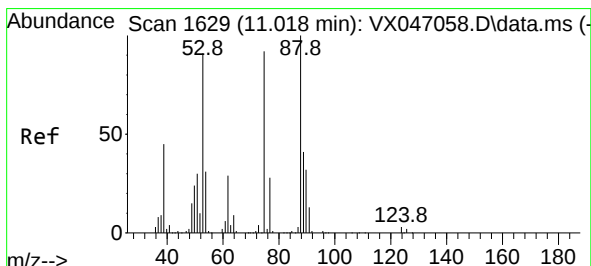
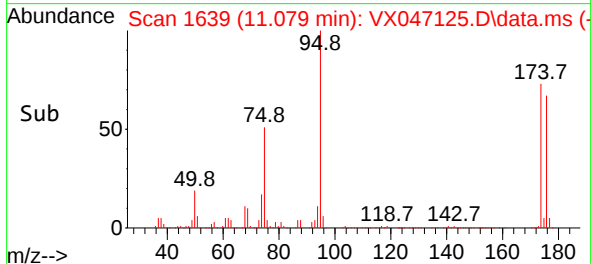
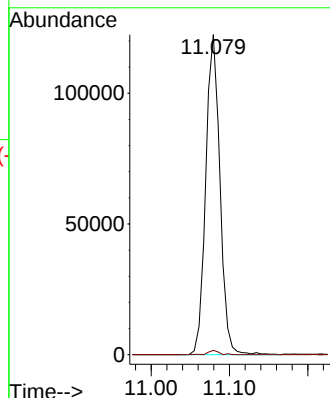
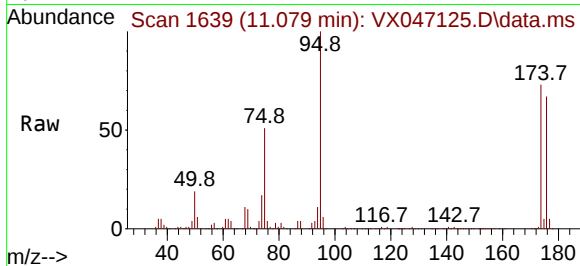




#76
1,2,3-Trichloropropane
Concen: 25.571 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX047125.D
Acq: 24 Jul 2025 16:58

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 153747
Ion Ratio Lower Upper
75 100
77 1.0 21.6 65.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.881 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX047125.D
Acq: 24 Jul 2025 16:58

Tgt Ion: 75 Resp: 153747
Ion Ratio Lower Upper
75 100
53 0.0 84.2 126.4#
89 0.0 36.0 54.0#

