

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
 Data File : VX046975.D
 Acq On : 14 Jul 2025 15:45
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jul 15 01:22:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

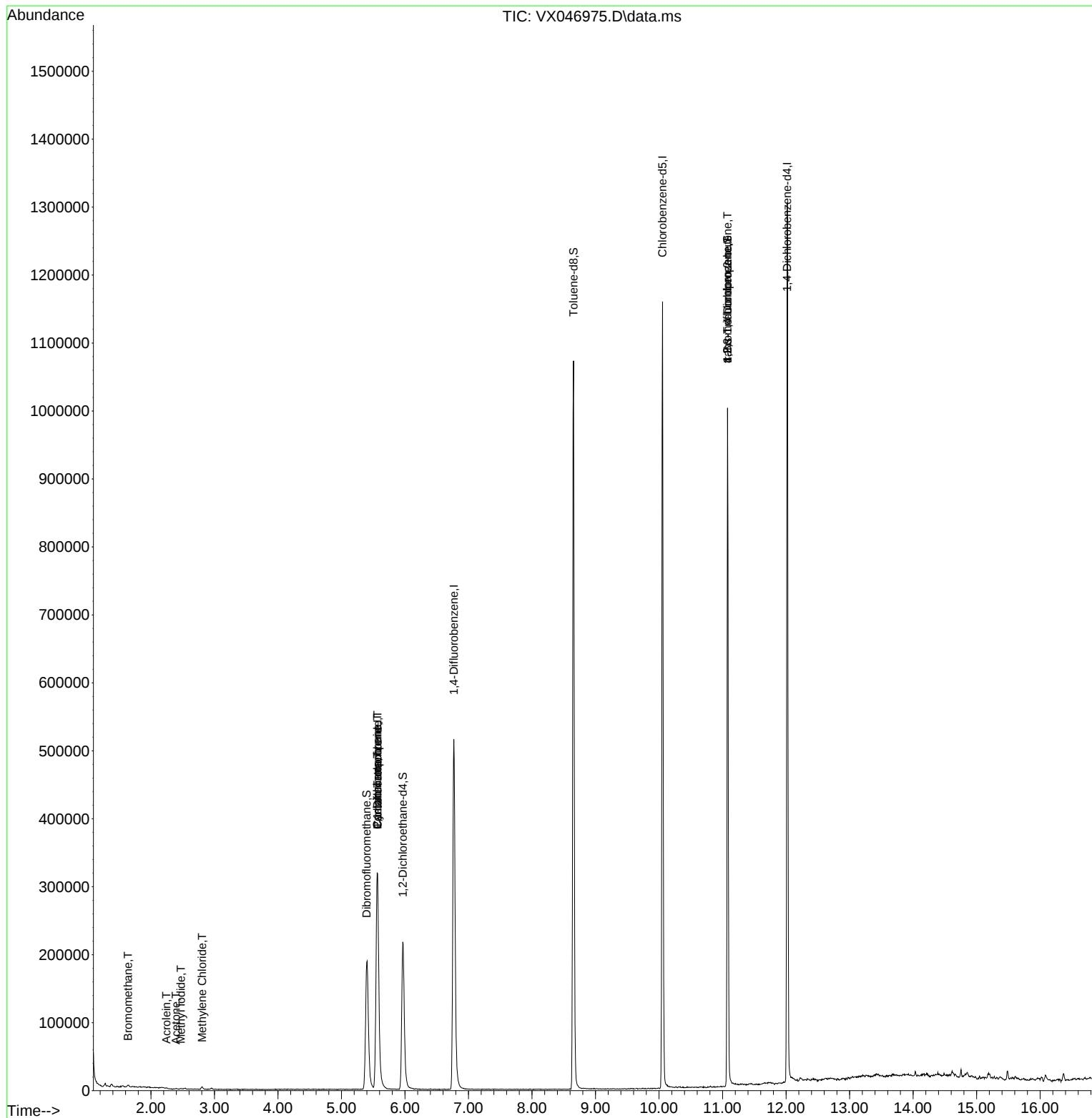
Internal Standards						
1) Pentafluorobenzene	5.568	168	327314	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	564700	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	512003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	264846	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	228393	52.818	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 105.640%		
35) Dibromofluoromethane	5.397	113	183776	47.943	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 95.880%		
50) Toluene-d8	8.653	98	658170	48.666	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 97.340%		
62) 4-Bromofluorobenzene	11.079	95	268945	52.324	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 104.640%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.636	94	1969	0.823	ug/l	95
10) Methyl Iodide	2.471	142	1512	0.378	ug/l #	82
13) Acrolein	2.239	56	76	3.075	ug/l #	38
16) Acetone	2.392	43	542	0.404	ug/l	93
20) Methylene Chloride	2.806	84	1740	0.438	ug/l	93
31) Cyclohexane	5.562	56	6949	1.124	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	26476	5.119	ug/l #	51
38) Carbon Tetrachloride	5.568	117	34195	6.254	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	137527	33.607	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	137527	90.184	ug/l #	8

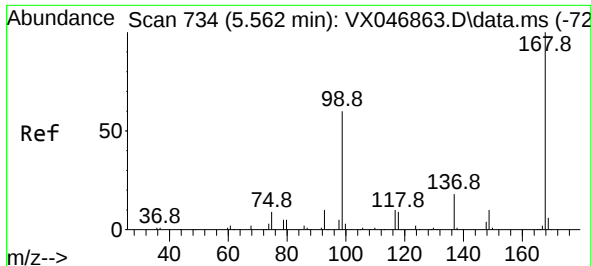
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
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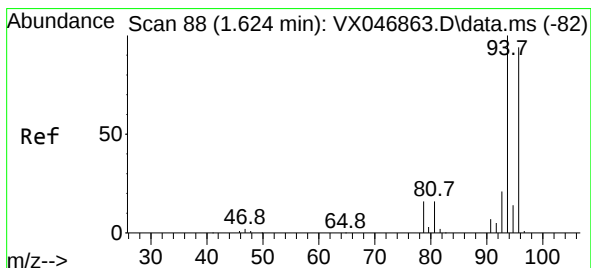
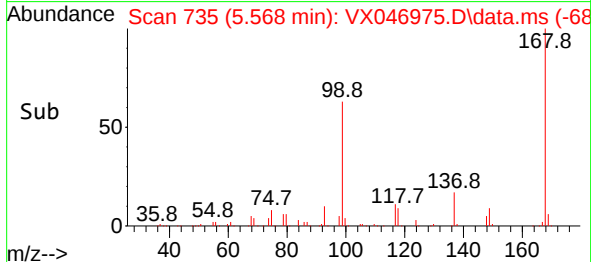
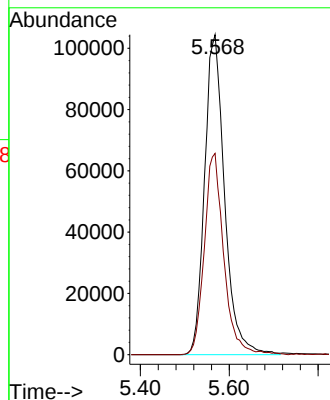
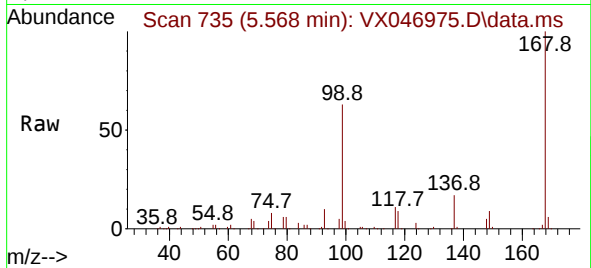




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046975.D
Acq: 14 Jul 2025 15:45

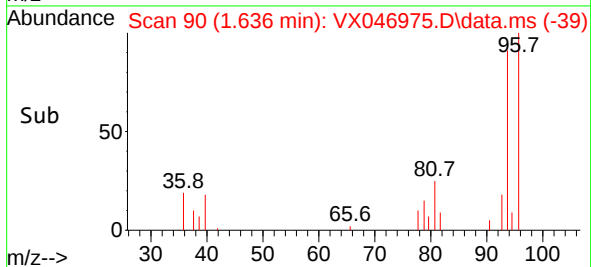
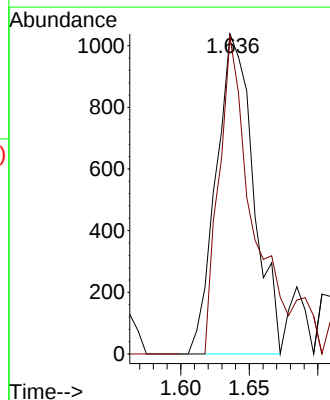
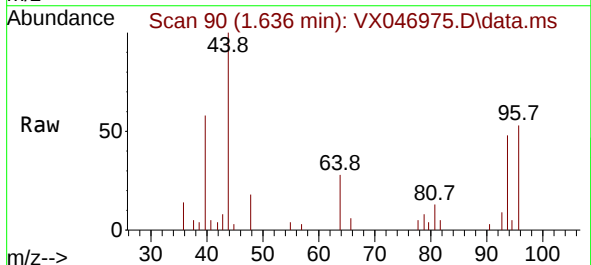
Instrument :
MSVOA_X
ClientSampleId :
IBLK

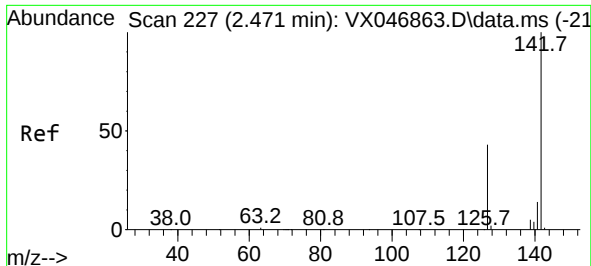
Tgt Ion:168 Resp: 327314
Ion Ratio Lower Upper
168 100
99 62.9 48.8 73.2



#5
Bromomethane
Concen: 0.823 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX046975.D
Acq: 14 Jul 2025 15:45

Tgt Ion: 94 Resp: 1969
Ion Ratio Lower Upper
94 100
96 99.1 75.5 113.3

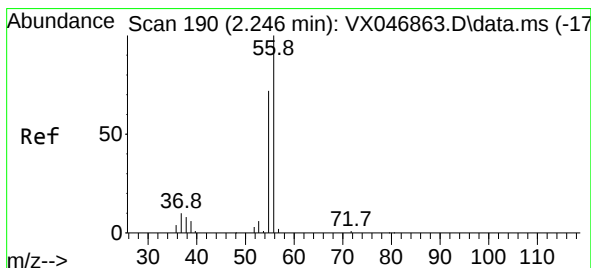
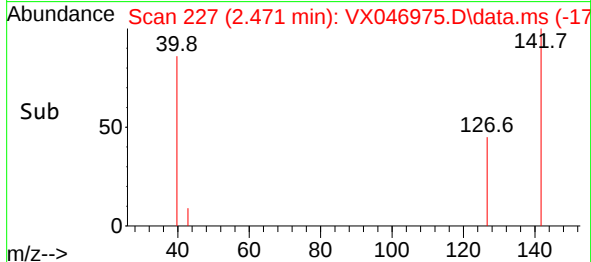
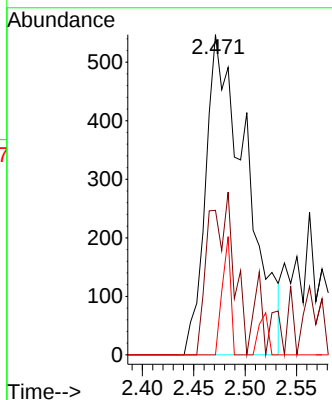
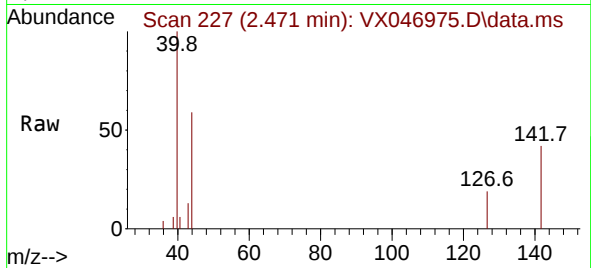




#10
Methyl Iodide
Concen: 0.378 ug/l
RT: 2.471 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046975.D
Acq: 14 Jul 2025 15:45

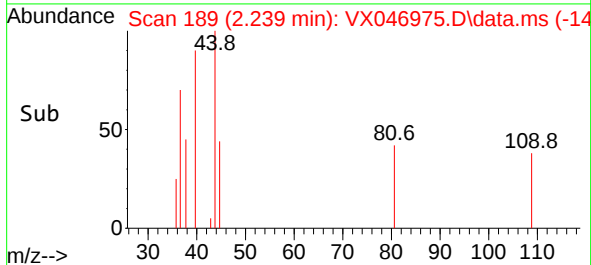
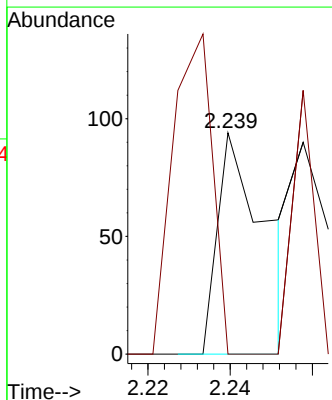
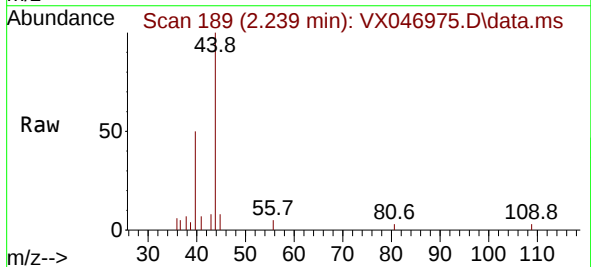
Instrument :
MSVOA_X
ClientSampleId :
IBLK

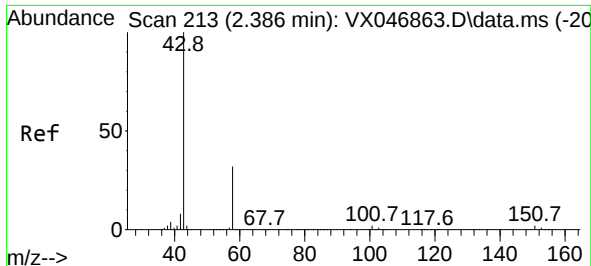
Tgt Ion:142 Resp: 1512
Ion Ratio Lower Upper
142 100
127 31.2 34.9 52.3#
141 7.5 11.1 16.7#



#13
Acrolein
Concen: 3.075 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.007 min
Lab File: VX046975.D
Acq: 14 Jul 2025 15:45

Tgt Ion: 56 Resp: 76
Ion Ratio Lower Upper
56 100
55 119.7 55.5 83.3#

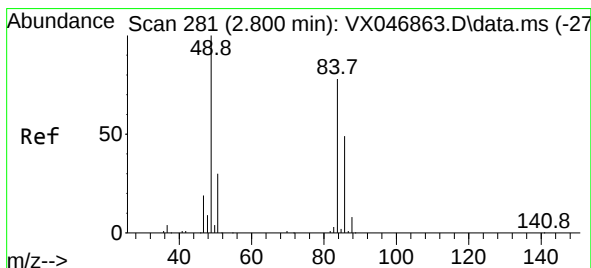
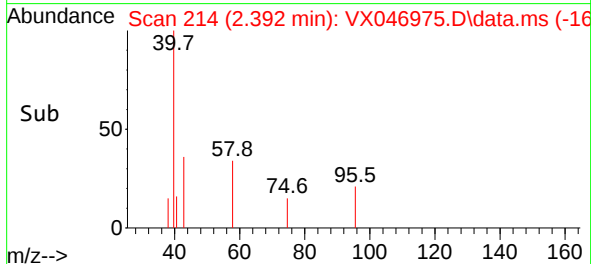
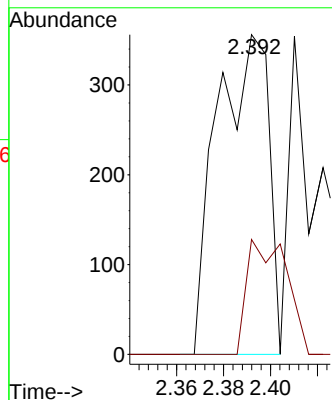
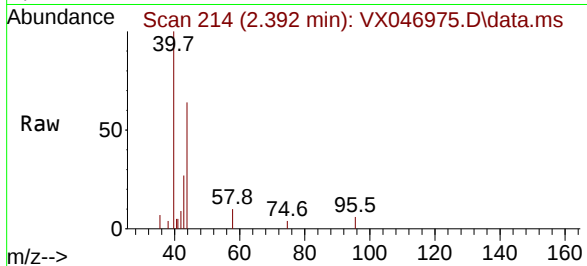




#16
Acetone
Concen: 0.404 ug/l
RT: 2.392 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046975.D
Acq: 14 Jul 2025 15:45

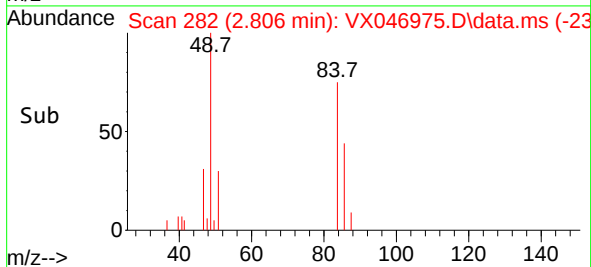
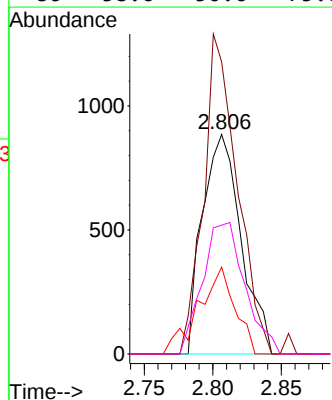
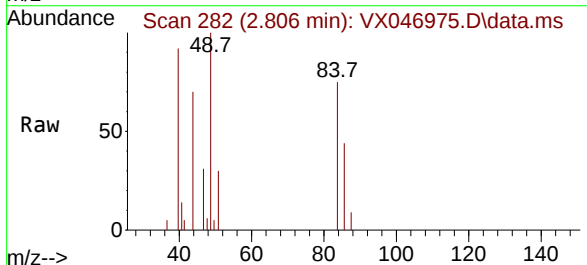
Instrument :
MSVOA_X
ClientSampleId :
IBLK

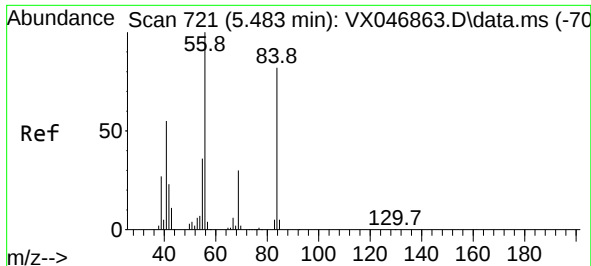
Tgt Ion: 43 Resp: 542
Ion Ratio Lower Upper
43 100
58 36.0 25.8 38.6



#20
Methylene Chloride
Concen: 0.438 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.006 min
Lab File: VX046975.D
Acq: 14 Jul 2025 15:45

Tgt Ion: 84 Resp: 1740
Ion Ratio Lower Upper
84 100
49 139.2 102.8 154.2
51 39.5 31.1 46.7
86 58.6 50.6 75.8

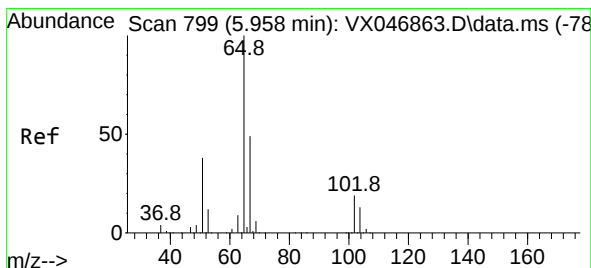
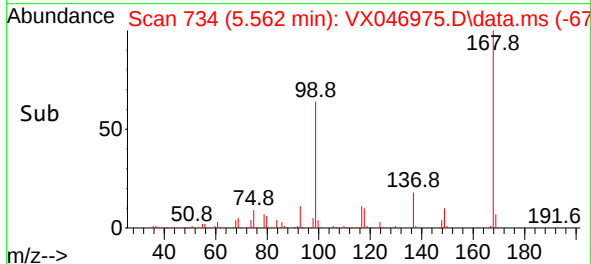
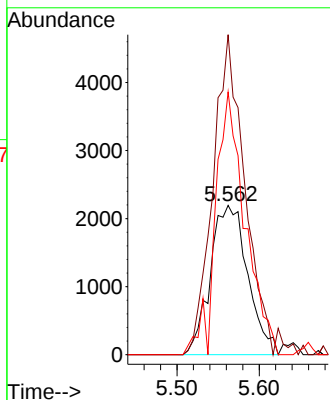
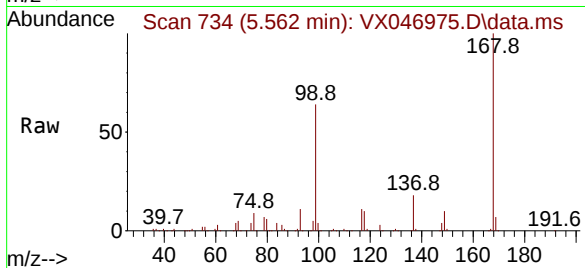




#31
Cyclohexane
Concen: 1.124 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.079 min
Lab File: VX046975.D
Acq: 14 Jul 2025 15:45

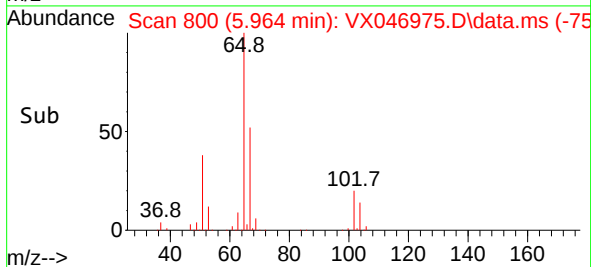
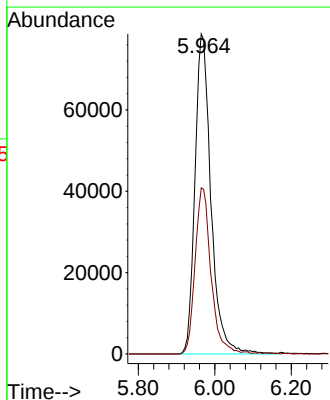
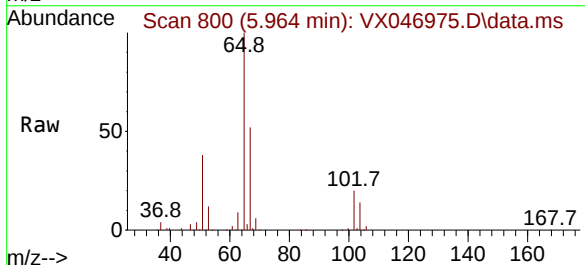
Instrument :
MSVOA_X
ClientSampleId :
IBLK

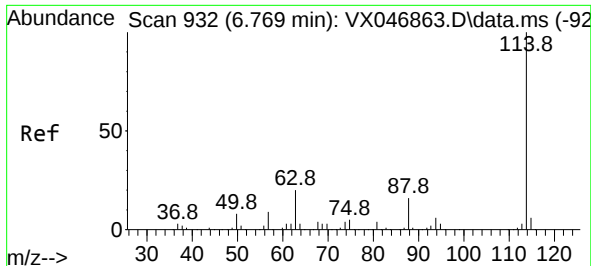
Tgt Ion: 56 Resp: 6949
Ion Ratio Lower Upper
56 100
69 214.5 24.0 36.0#
84 176.1 66.5 99.7#



#33
1,2-Dichloroethane-d4
Concen: 52.818 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046975.D
Acq: 14 Jul 2025 15:45

Tgt Ion: 65 Resp: 228393
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.2

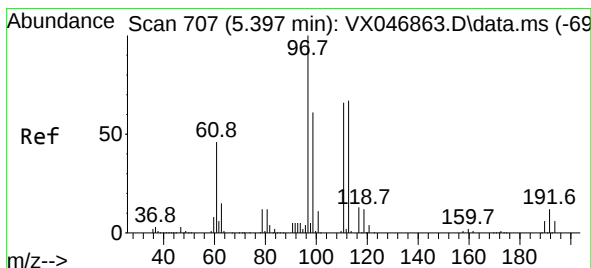
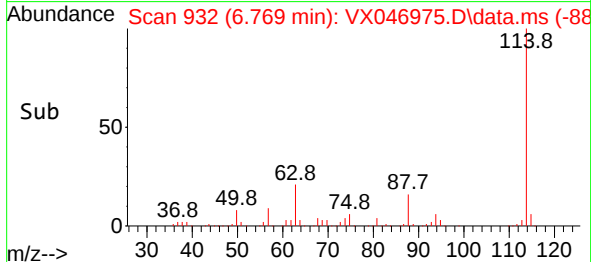
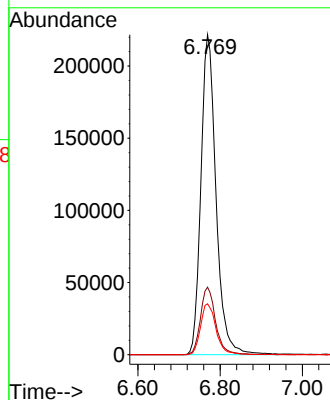
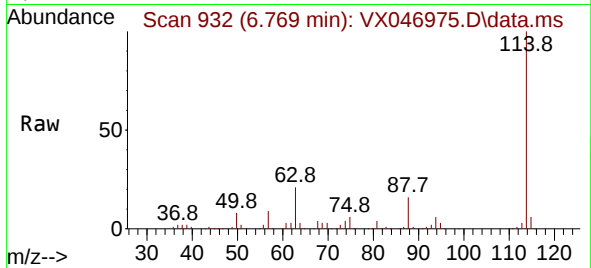




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX046975.D
Acq: 14 Jul 2025 15:45

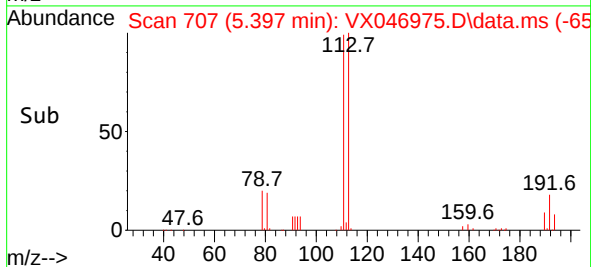
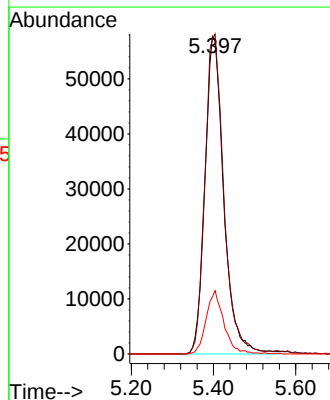
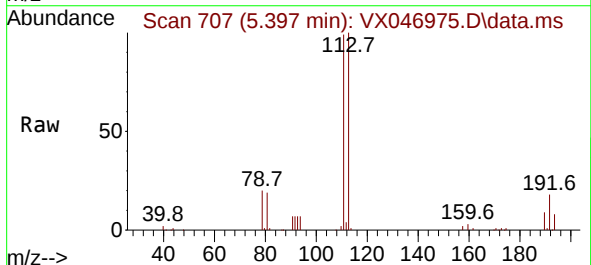
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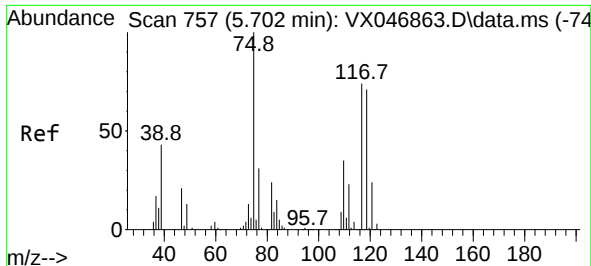
Tgt Ion:114 Resp: 564700
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.4
88 15.9 0.0 31.0



#35
Dibromofluoromethane
Concen: 47.943 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX046975.D
Acq: 14 Jul 2025 15:45

Tgt Ion:113 Resp: 183776
Ion Ratio Lower Upper
113 100
111 101.2 81.2 121.8
192 18.7 15.3 22.9

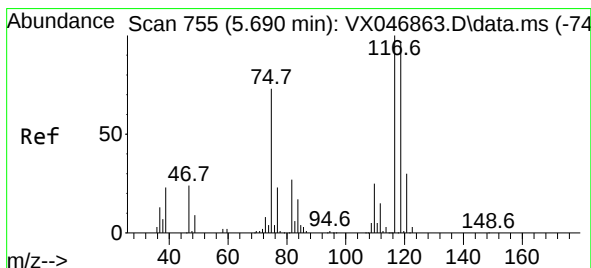
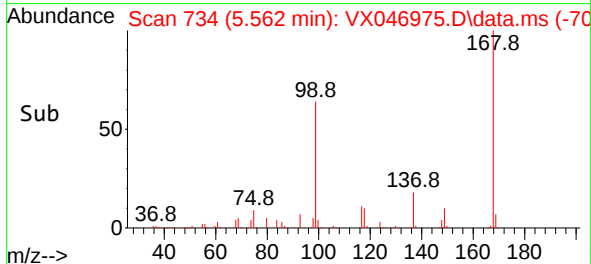
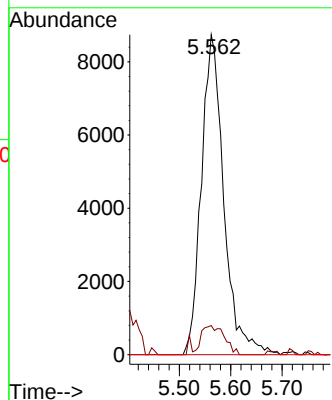
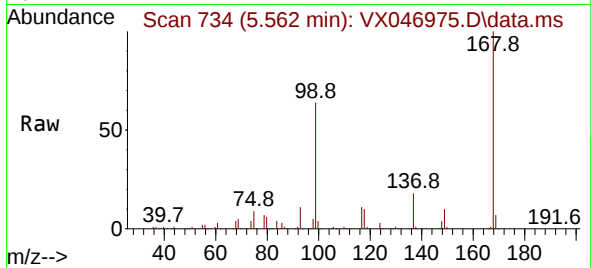




#36
1,1-Dichloropropene
Concen: 5.119 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX046975.D
Acq: 14 Jul 2025 15:45

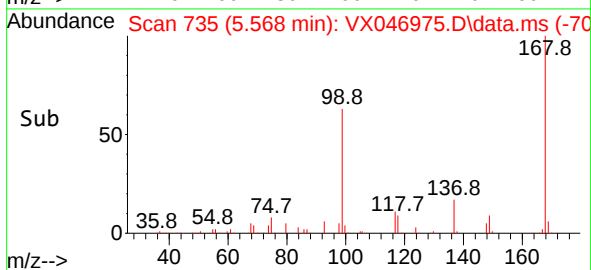
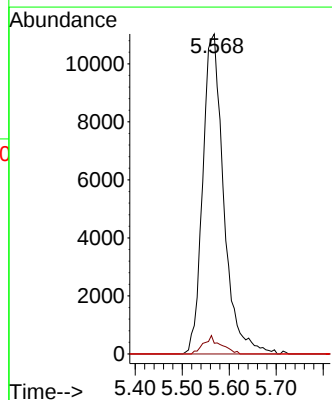
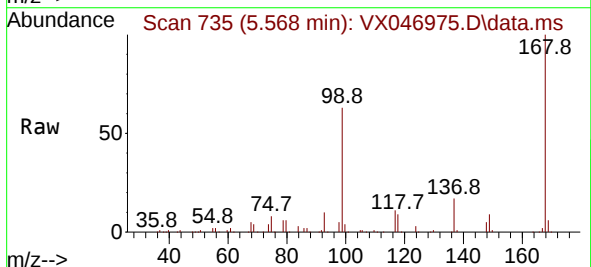
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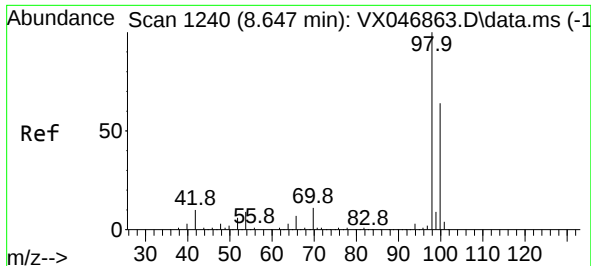
Tgt Ion: 75 Resp: 26476
Ion Ratio Lower Upper
75 100
110 9.2 17.3 51.9#
77 0.0 24.2 36.4#



#38
Carbon Tetrachloride
Concen: 6.254 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX046975.D
Acq: 14 Jul 2025 15:45

Tgt Ion: 117 Resp: 34195
Ion Ratio Lower Upper
117 100
119 3.3 76.6 114.8#
121 0.0 24.1 36.1#

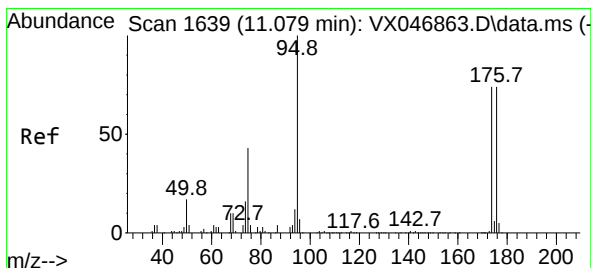
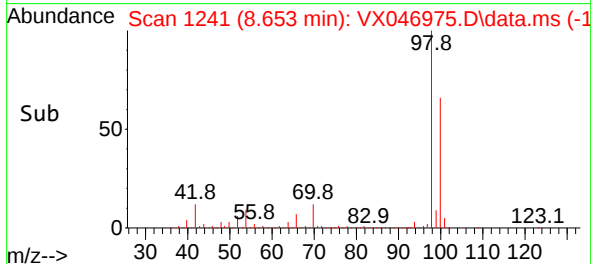
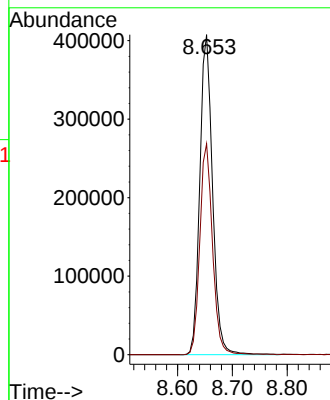
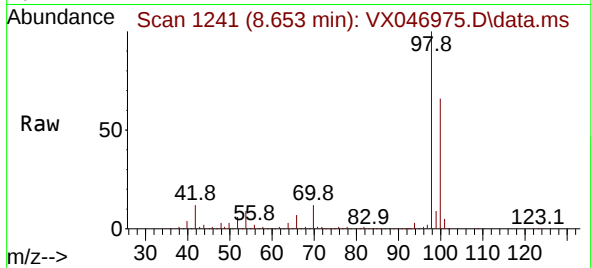




#50
Toluene-d8
Concen: 48.666 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046975.D
Acq: 14 Jul 2025 15:45

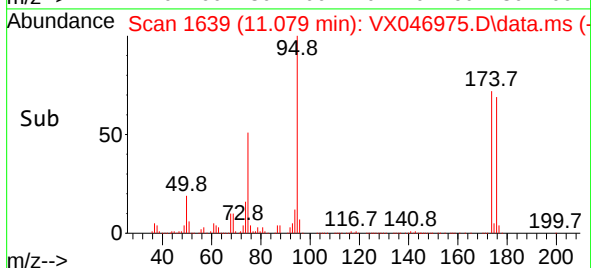
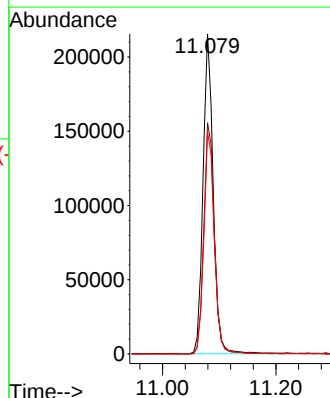
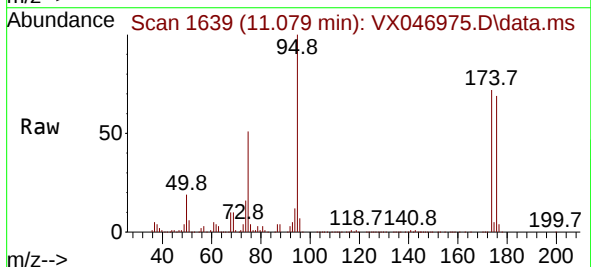
Instrument :
MSVOA_X
ClientSampleId :
IBLK

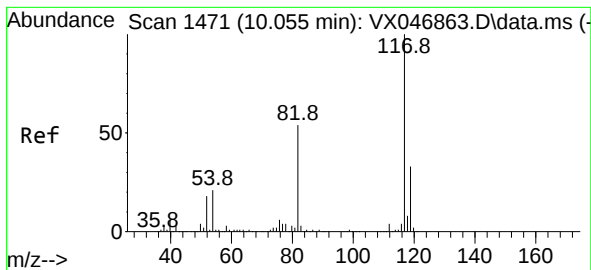
Tgt Ion: 98 Resp: 658170
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 52.324 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046975.D
Acq: 14 Jul 2025 15:45

Tgt Ion: 95 Resp: 268945
Ion Ratio Lower Upper
95 100
174 75.1 0.0 152.0
176 71.2 0.0 145.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX046975.D

Acq: 14 Jul 2025 15:45

Instrument :

MSVOA_X

ClientSampleId :

IBLK

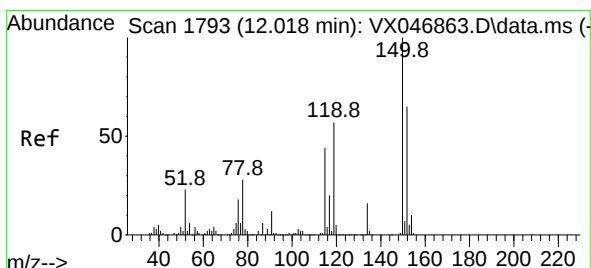
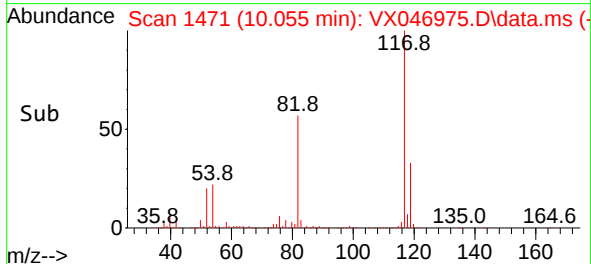
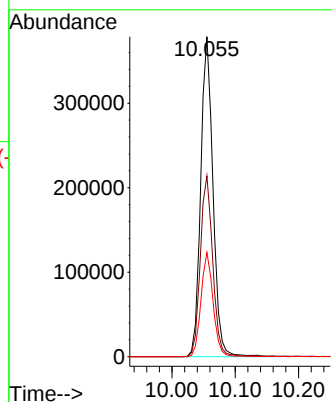
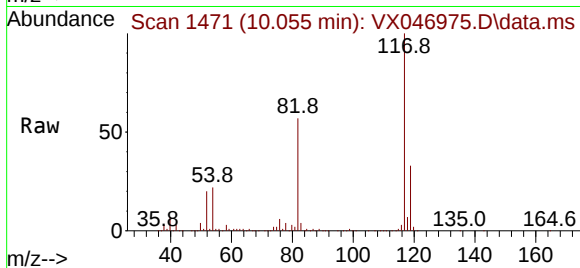
Tgt Ion:117 Resp: 512003

Ion Ratio Lower Upper

117 100

82 56.5 43.3 64.9

119 32.6 26.4 39.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX046975.D

Acq: 14 Jul 2025 15:45

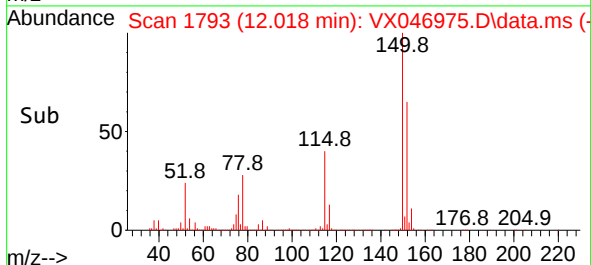
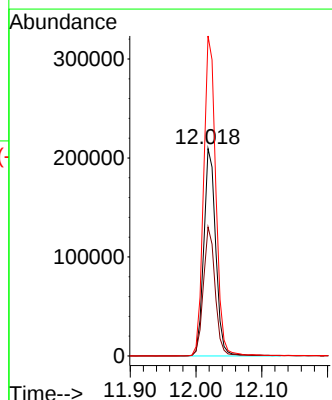
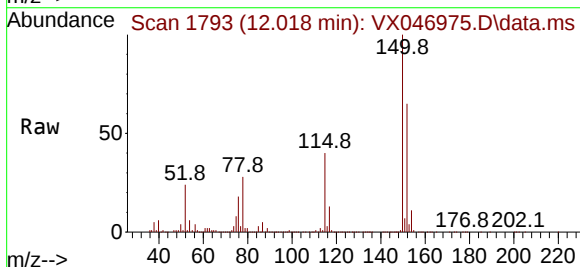
Tgt Ion:152 Resp: 264846

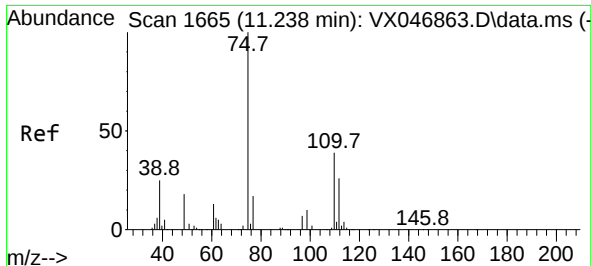
Ion Ratio Lower Upper

152 100

115 61.1 42.4 127.1

150 157.0 0.0 349.2

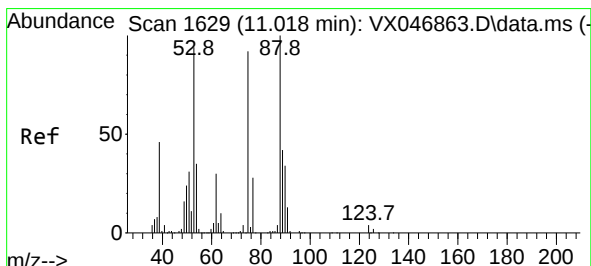
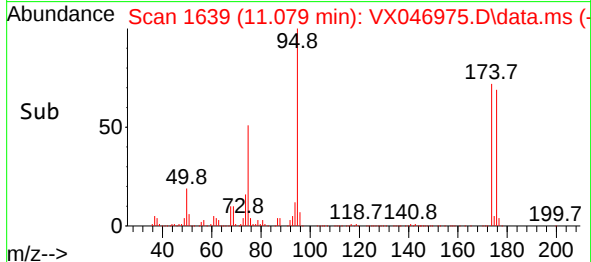
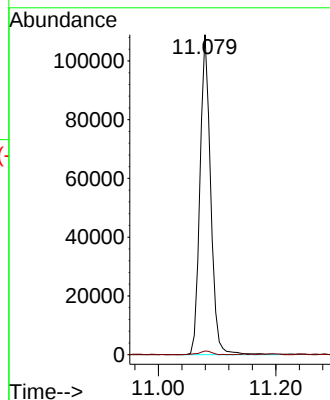
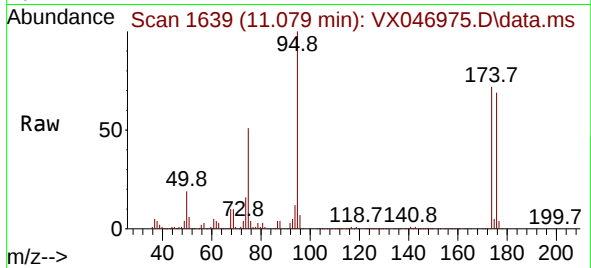




#76
1,2,3-Trichloropropane
Concen: 33.607 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX046975.D
Acq: 14 Jul 2025 15:45

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 137527
Ion Ratio Lower Upper
75 100
77 1.4 20.6 61.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.184 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046975.D
Acq: 14 Jul 2025 15:45

Tgt Ion: 75 Resp: 137527
Ion Ratio Lower Upper
75 100
53 0.1 83.7 125.5#
89 0.0 38.2 57.2#

