

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041425\
 Data File : VX045757.D
 Acq On : 14 Apr 2025 10:41
 Operator : JC/MD
 Sample : VX0414WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0414WBL01

Quant Time: Apr 15 01:26:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

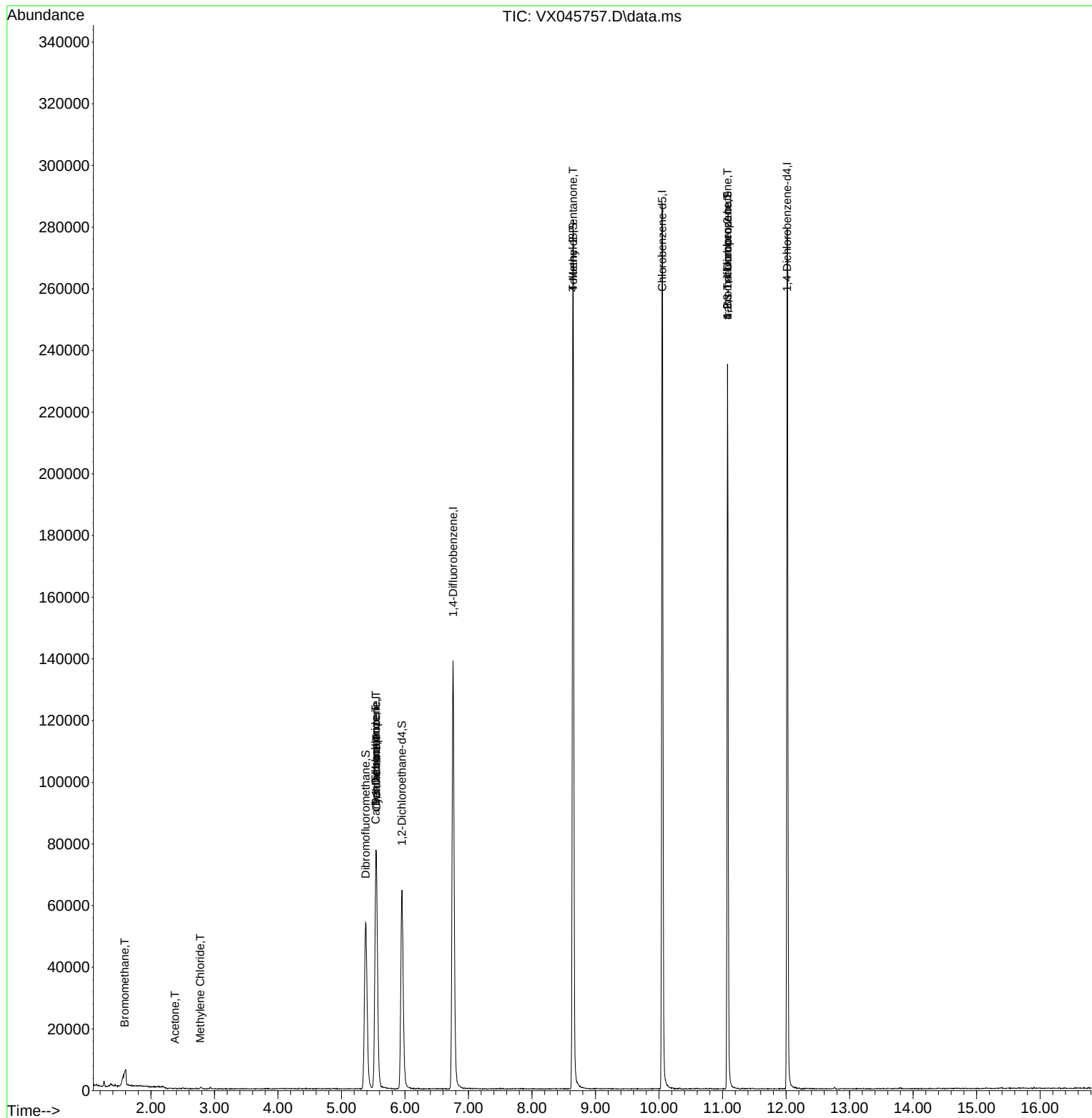
Internal Standards						
1) Pentafluorobenzene	5.544	168	65431	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129595	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	119598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50670	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65292	54.566	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.140%	
35) Dibromofluoromethane	5.379	113	47382	51.531	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.060%	
50) Toluene-d8	8.647	98	159858	49.810	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.620%	
62) 4-Bromofluorobenzene	11.079	95	59909	51.248	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.500%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.587	94	156	0.358	ug/l #	3
16) Acetone	2.380	43	174	0.354	ug/l #	47
20) Methylene Chloride	2.776	84	258	0.280	ug/l #	66
31) Cyclohexane	5.550	56	1984	1.352	ug/l #	10
36) 1,1-Dichloropropene	5.544	75	6607	5.322	ug/l #	51
38) Carbon Tetrachloride	5.538	117	7938	5.916	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	984	0.626	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35215	28.492	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	35215	96.698	ug/l #	1

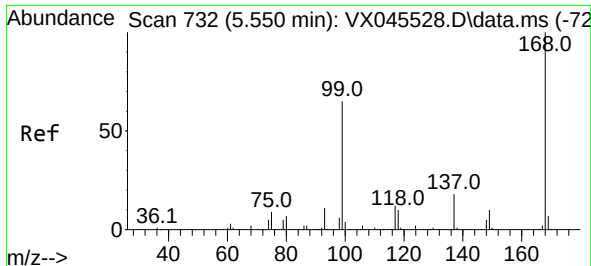
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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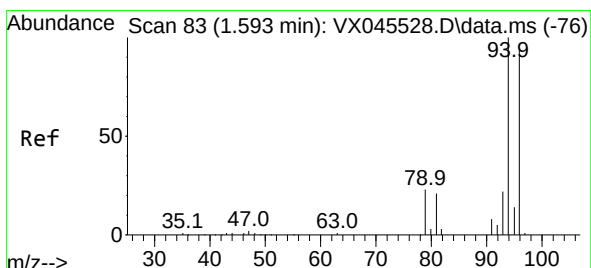
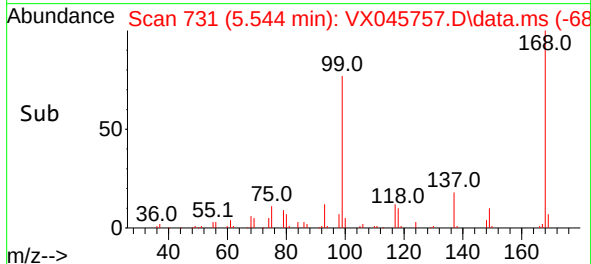
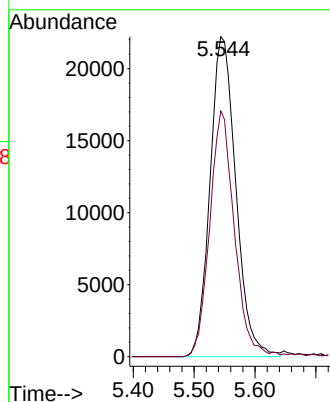
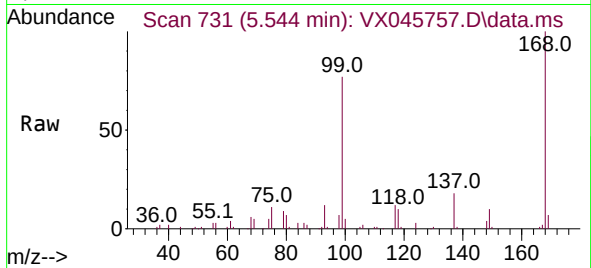




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045757.D
Acq: 14 Apr 2025 10:41

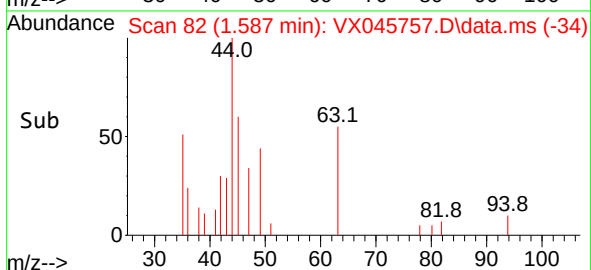
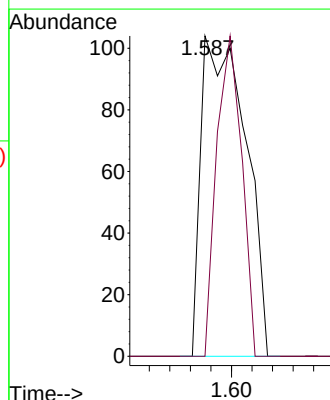
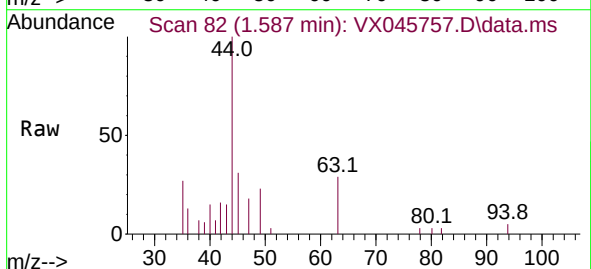
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBL01

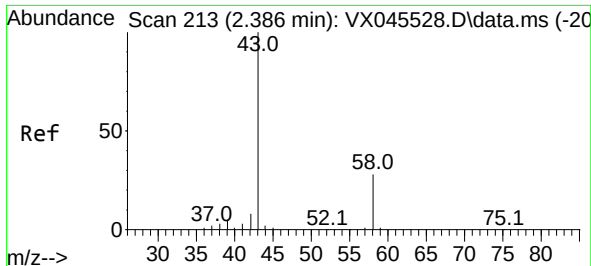
Tgt Ion:168 Resp: 65431
Ion Ratio Lower Upper
168 100
99 76.8 52.3 78.5



#5
Bromomethane
Concen: 0.358 ug/l
RT: 1.587 min Scan# 82
Delta R.T. -0.006 min
Lab File: VX045757.D
Acq: 14 Apr 2025 10:41

Tgt Ion: 94 Resp: 156
Ion Ratio Lower Upper
94 100
96 0.0 74.8 112.2#

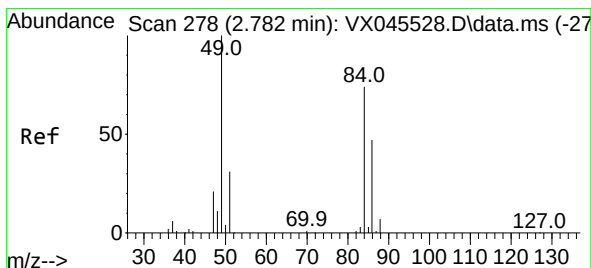
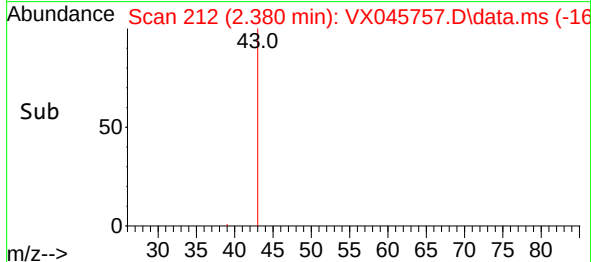
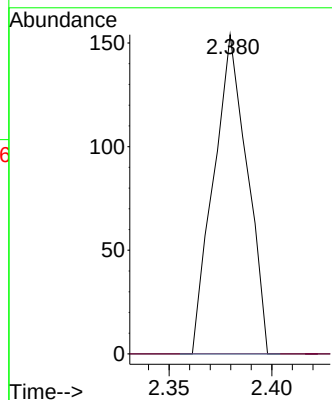
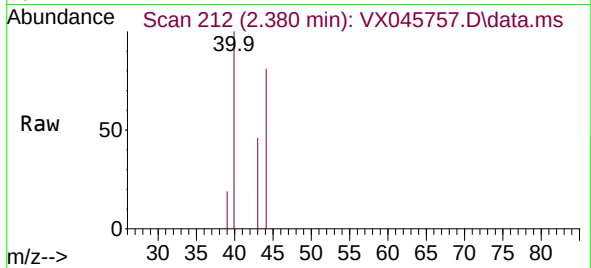




#16
Acetone
Concen: 0.354 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045757.D
Acq: 14 Apr 2025 10:41

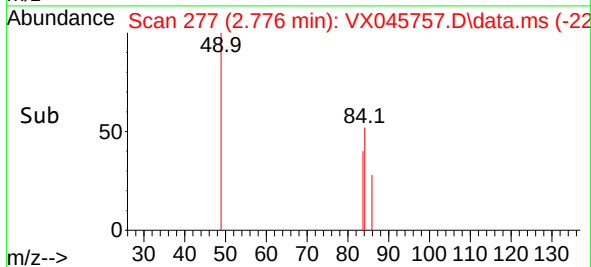
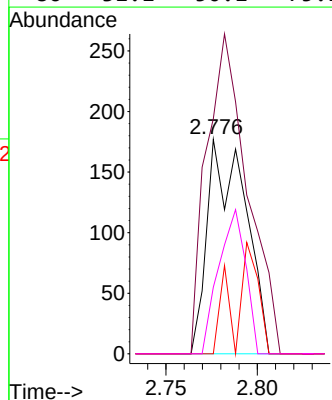
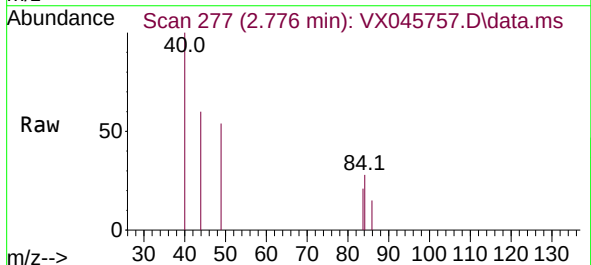
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBL01

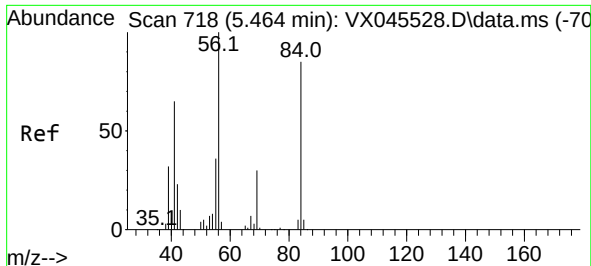
Tgt Ion: 43 Resp: 174
Ion Ratio Lower Upper
43 100
58 0.0 22.3 33.5#



#20
Methylene Chloride
Concen: 0.280 ug/l
RT: 2.776 min Scan# 277
Delta R.T. -0.006 min
Lab File: VX045757.D
Acq: 14 Apr 2025 10:41

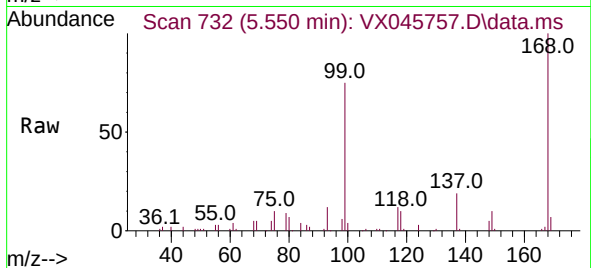
Tgt Ion: 84 Resp: 258
Ion Ratio Lower Upper
84 100
49 109.6 107.5 161.3
51 0.0 33.0 49.6#
86 31.1 50.1 75.1#



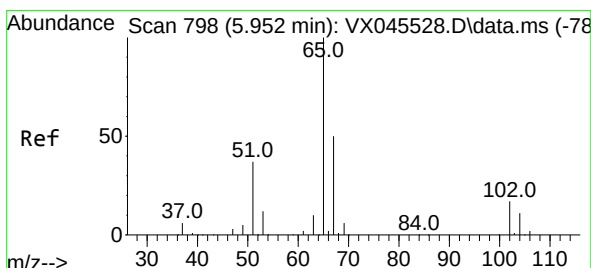
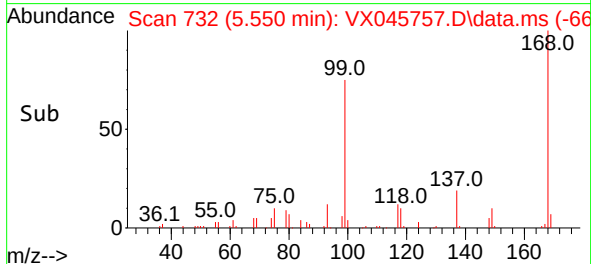
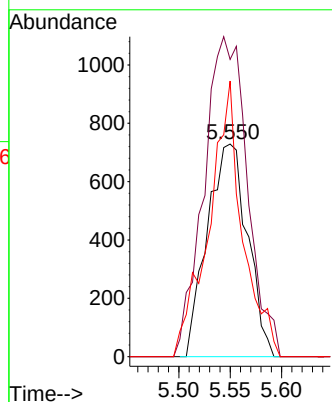


#31
Cyclohexane
Concen: 1.352 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX045757.D
Acq: 14 Apr 2025 10:41

Instrument :
MSVOA_X
ClientSampleId :
VX0414WBL01

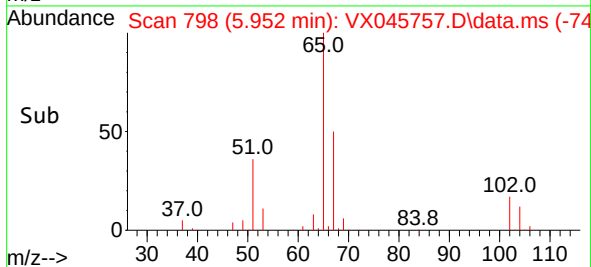
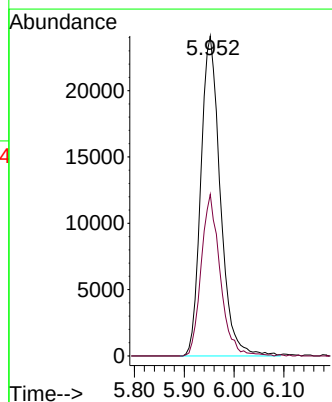
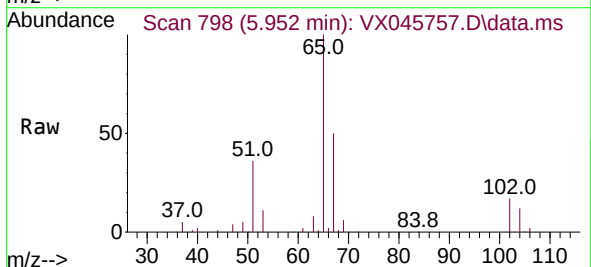


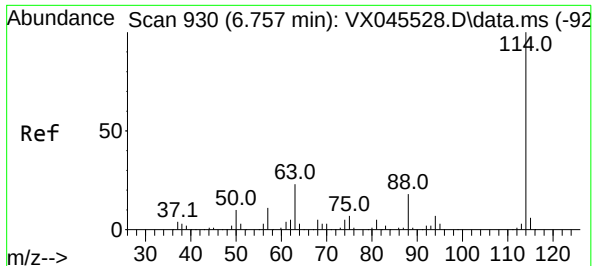
Tgt Ion: 56 Resp: 1984
Ion Ratio Lower Upper
56 100
69 139.8 23.6 35.4#
84 129.6 67.7 101.5#



#33
1,2-Dichloroethane-d4
Concen: 54.566 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045757.D
Acq: 14 Apr 2025 10:41

Tgt Ion: 65 Resp: 65292
Ion Ratio Lower Upper
65 100
67 49.3 0.0 99.0

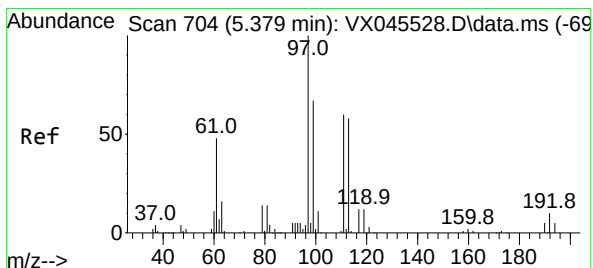
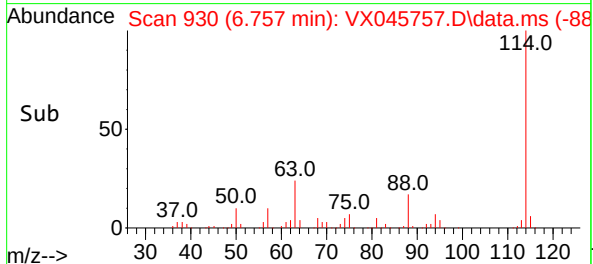
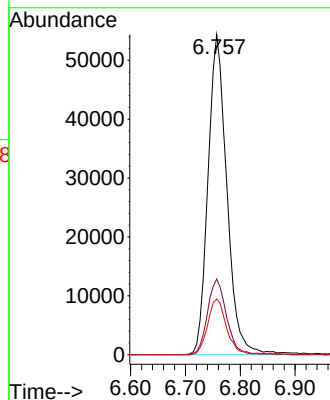
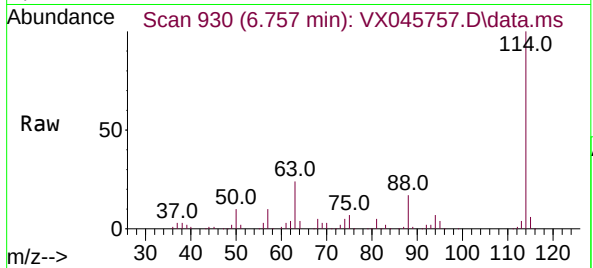




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045757.D
Acq: 14 Apr 2025 10:41

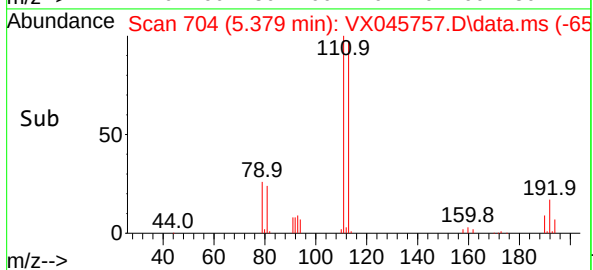
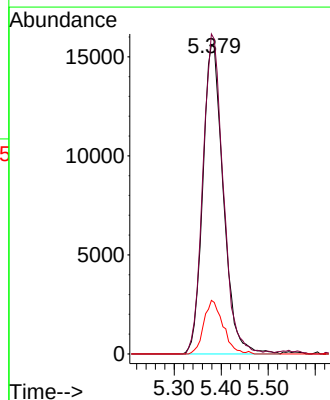
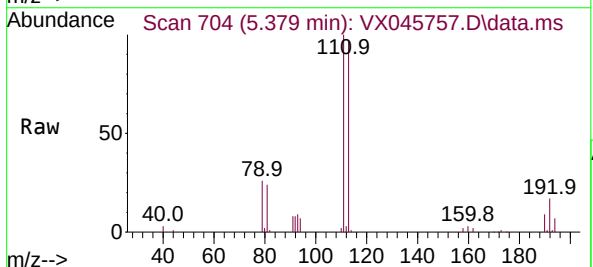
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBL01

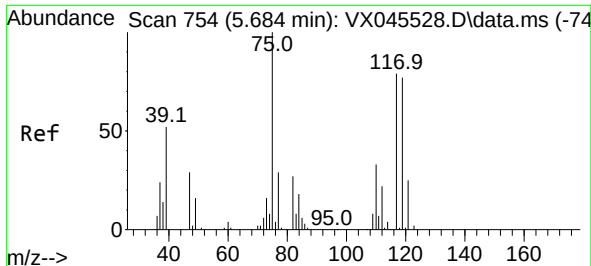
Tgt Ion:114 Resp: 129595
Ion Ratio Lower Upper
114 100
63 23.7 0.0 46.8
88 17.4 0.0 35.4



#35
Dibromofluoromethane
Concen: 51.531 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045757.D
Acq: 14 Apr 2025 10:41

Tgt Ion:113 Resp: 47382
Ion Ratio Lower Upper
113 100
111 102.4 81.8 122.6
192 16.3 13.8 20.6





#36

1,1-Dichloropropene

Concen: 5.322 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX045757.D

Acq: 14 Apr 2025 10:41

Instrument :

MSVOA_X

ClientSampleId :

VX0414WBL01

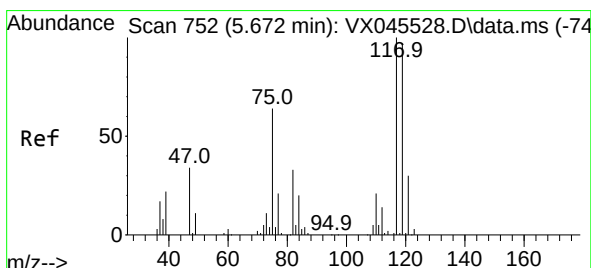
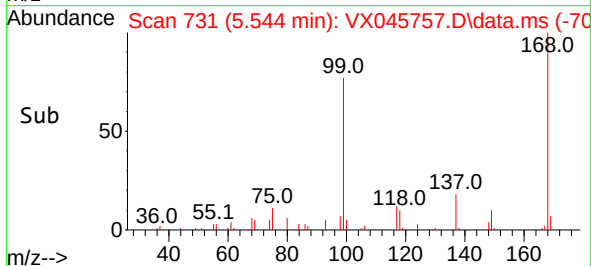
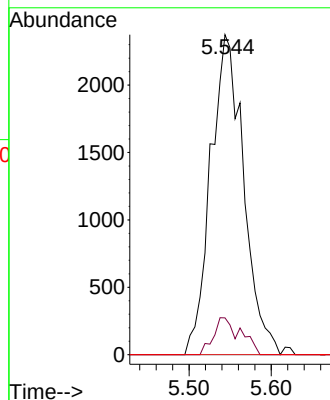
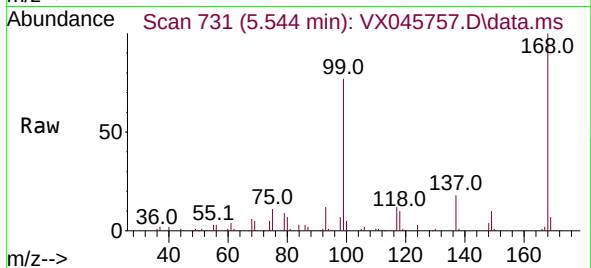
Tgt Ion: 75 Resp: 6607

Ion Ratio Lower Upper

75 100

110 9.6 16.9 50.6#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.916 ug/l

RT: 5.538 min Scan# 730

Delta R.T. -0.134 min

Lab File: VX045757.D

Acq: 14 Apr 2025 10:41

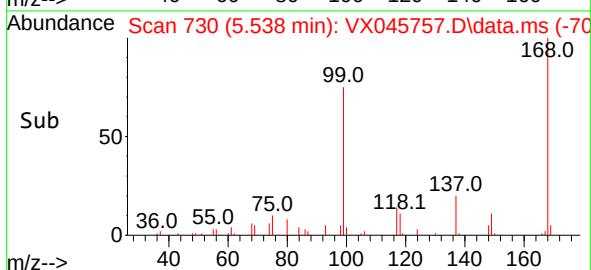
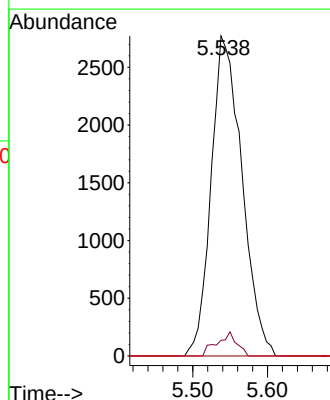
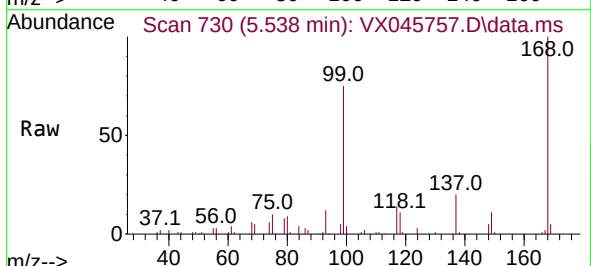
Tgt Ion: 117 Resp: 7938

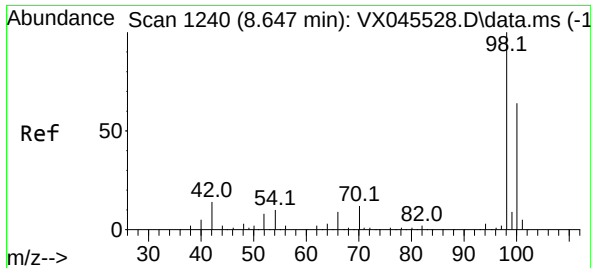
Ion Ratio Lower Upper

117 100

119 4.9 76.9 115.3#

121 0.0 24.2 36.2#

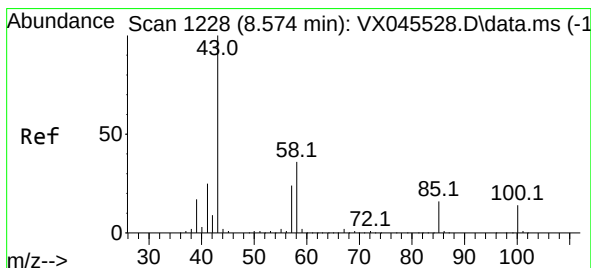
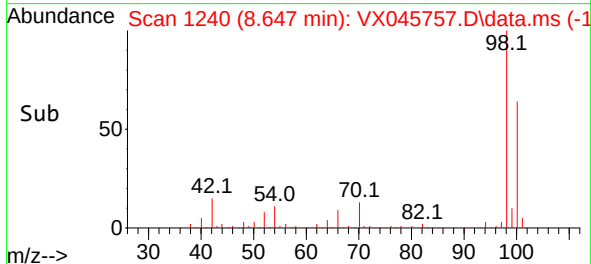
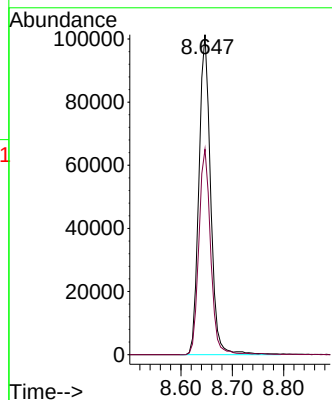
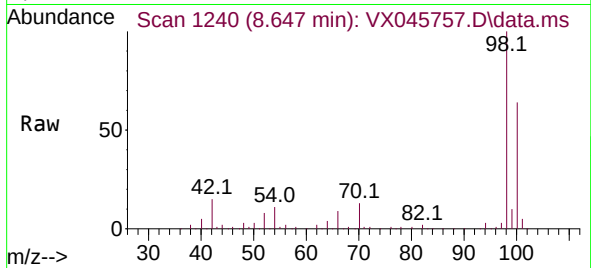




#50
Toluene-d8
Concen: 49.810 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045757.D
Acq: 14 Apr 2025 10:41

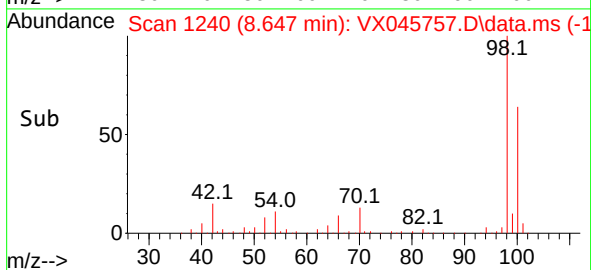
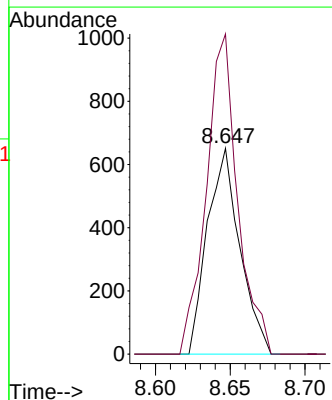
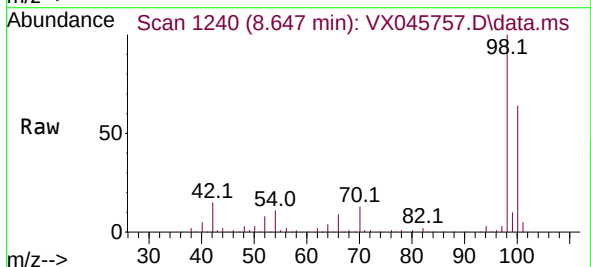
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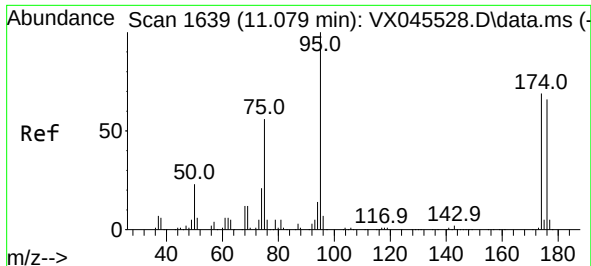
Tgt Ion: 98 Resp: 159858
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.626 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX045757.D
Acq: 14 Apr 2025 10:41

Tgt Ion: 43 Resp: 984
Ion Ratio Lower Upper
43 100
58 150.1 28.5 42.7#

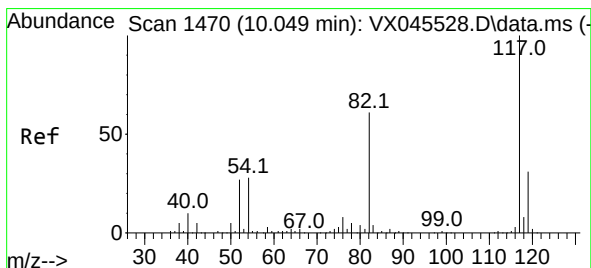
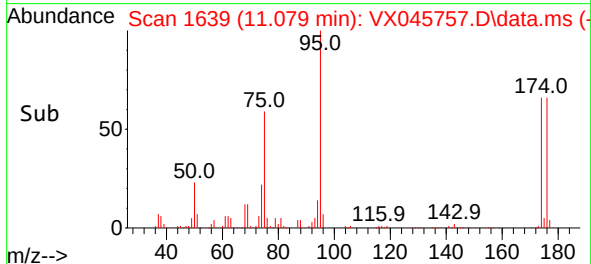
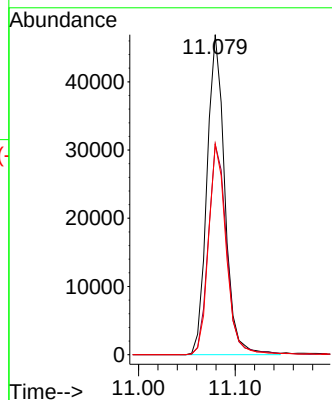
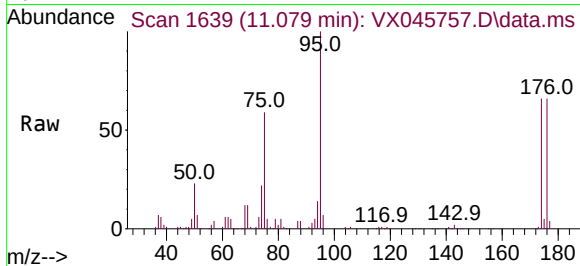




#62
4-Bromofluorobenzene
Concen: 51.248 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045757.D
Acq: 14 Apr 2025 10:41

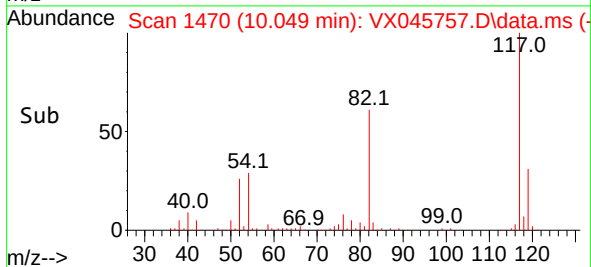
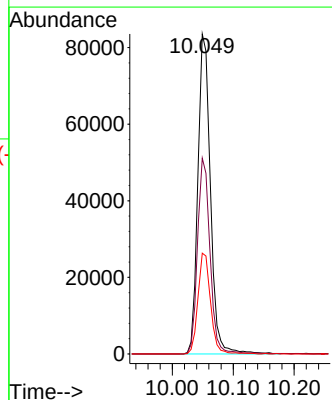
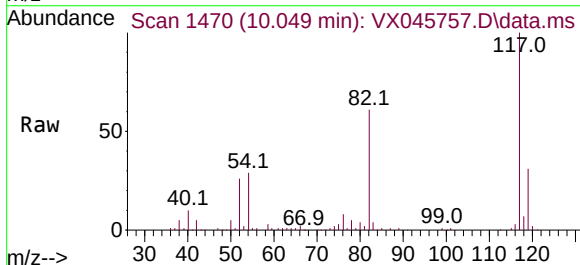
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBL01

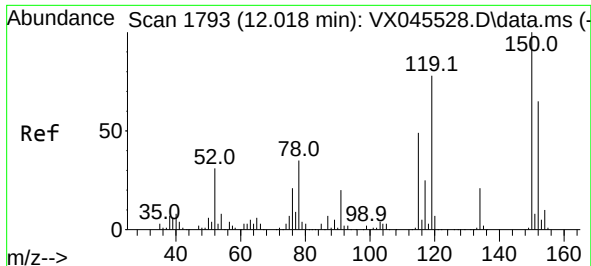
Tgt Ion: 95 Resp: 59909
Ion Ratio Lower Upper
95 100
174 67.9 0.0 135.8
176 65.5 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045757.D
Acq: 14 Apr 2025 10:41

Tgt Ion: 117 Resp: 119598
Ion Ratio Lower Upper
117 100
82 61.2 49.2 73.8
119 31.5 25.1 37.7

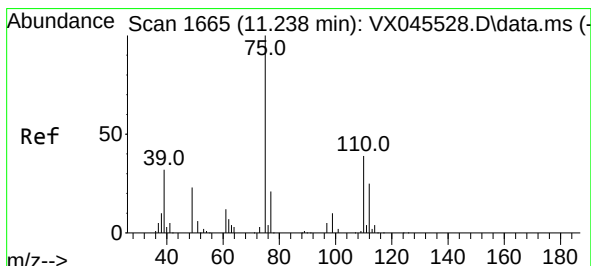
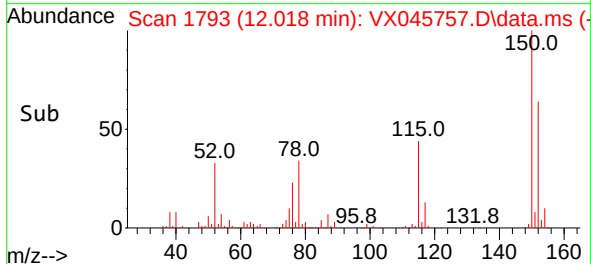
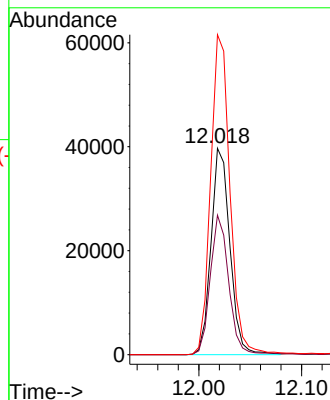
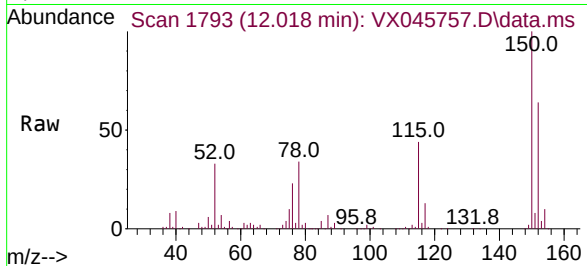




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX045757.D
 Acq: 14 Apr 2025 10:41

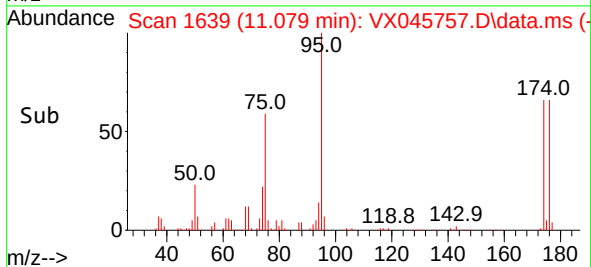
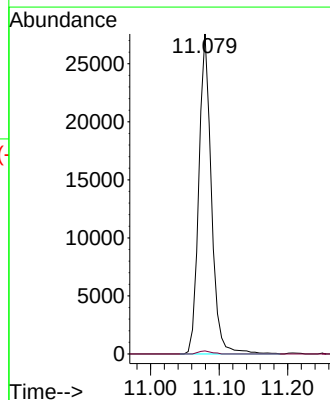
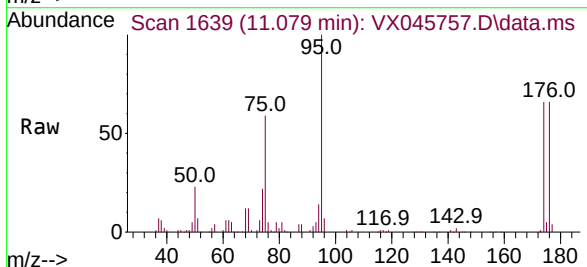
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0414WBL01

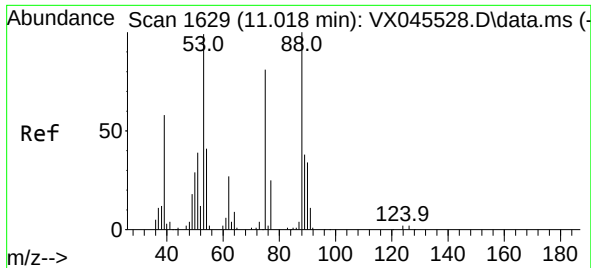
Tgt Ion:152 Resp: 50670
 Ion Ratio Lower Upper
 152 100
 115 66.4 46.9 140.7
 150 158.9 0.0 349.4



#76
 1,2,3-Trichloropropane
 Concen: 28.492 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX045757.D
 Acq: 14 Apr 2025 10:41

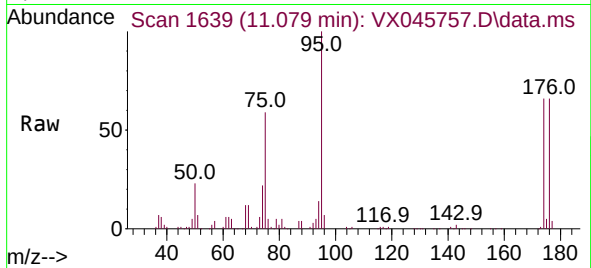
Tgt Ion: 75 Resp: 35215
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.0 59.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.698 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045757.D
 Acq: 14 Apr 2025 10:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0414WBL01



Tgt Ion: 75 Resp: 35215
 Ion Ratio Lower Upper
 75 100
 53 0.0 101.8 152.6#
 89 0.0 37.2 55.8#

