

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
 Data File : VX044922.D
 Acq On : 12 Feb 2025 10:57
 Operator : JC/MD
 Sample : VX0212WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 13 00:47:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

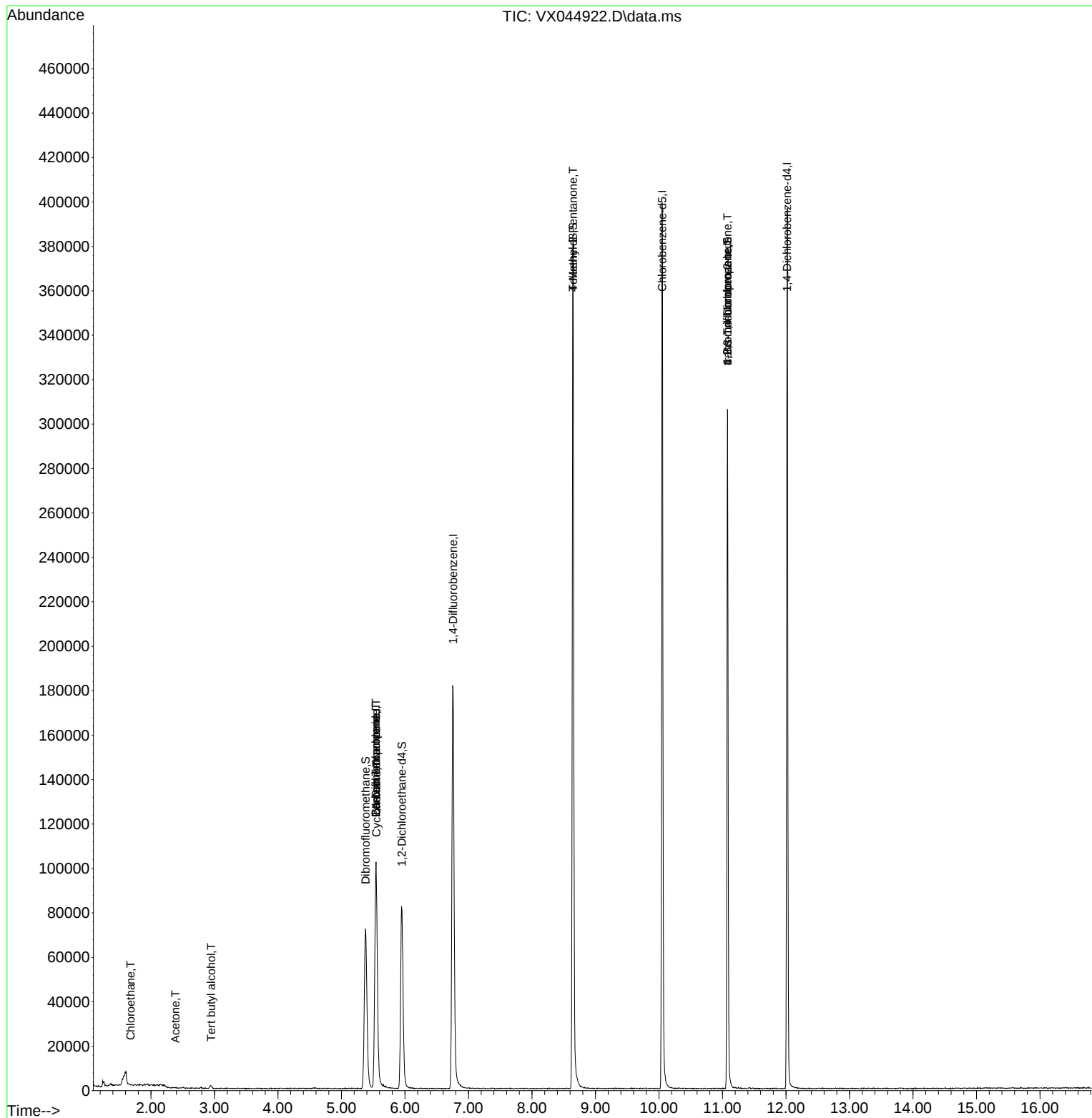
Internal Standards						
1) Pentafluorobenzene	5.544	168	96997	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	194457	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	176635	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	76229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76805	54.093	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.180%	
35) Dibromofluoromethane	5.379	113	64443	50.972	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.940%	
50) Toluene-d8	8.647	98	239094	50.011	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.020%	
62) 4-Bromofluorobenzene	11.079	95	82286	51.055	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.120%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.679	64	22	1.370	ug/l #	42
11) Tert butyl alcohol	2.947	59	683	2.593	ug/l #	73
16) Acetone	2.386	43	223	0.391	ug/l #	42
31) Cyclohexane	5.550	56	2370	1.075	ug/l #	19
36) 1,1-Dichloropropene	5.544	75	8793	4.821	ug/l #	49
38) Carbon Tetrachloride	5.544	117	9962	5.573	ug/l #	18
51) 4-Methyl-2-Pentanone	8.647	43	1113	0.559	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	44160	26.129	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	44160	67.212	ug/l #	11

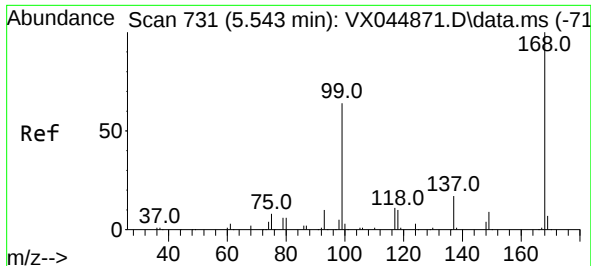
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044922.D
Acq On : 12 Feb 2025 10:57
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Sample : VX0212WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Feb 13 00:47:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration

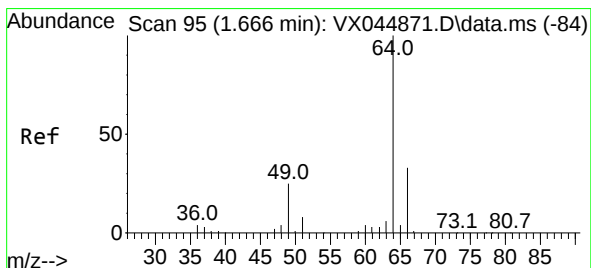
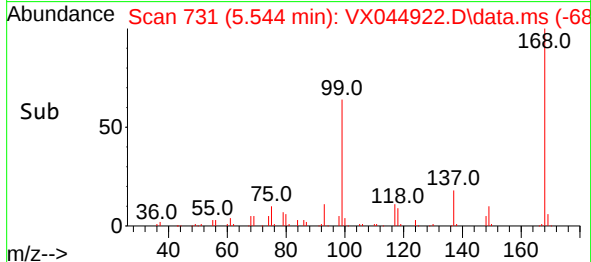
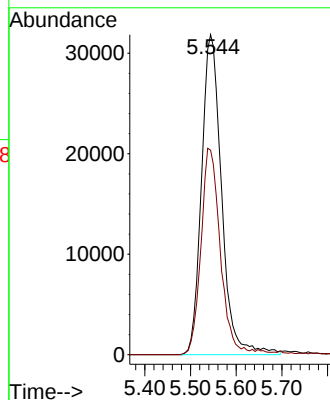
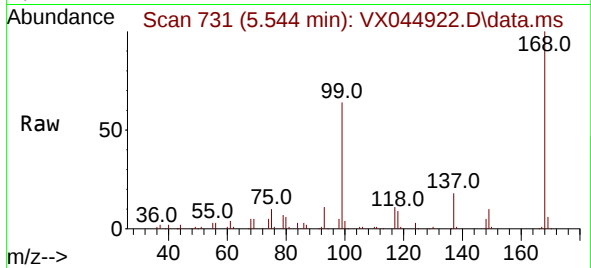




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044922.D
Acq: 12 Feb 2025 10:57

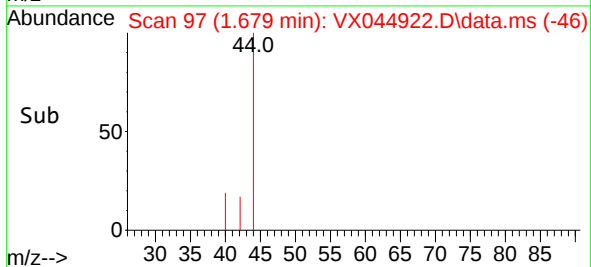
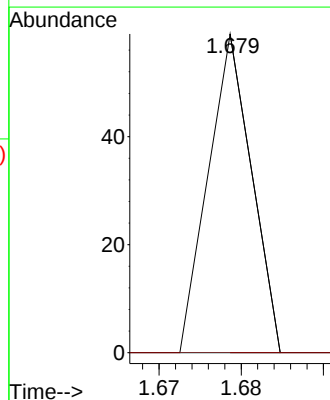
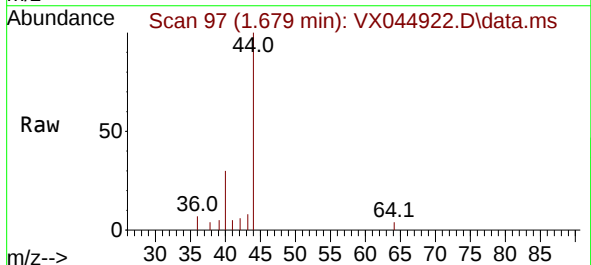
Instrument :
MSVOA_X
ClientSampleId :

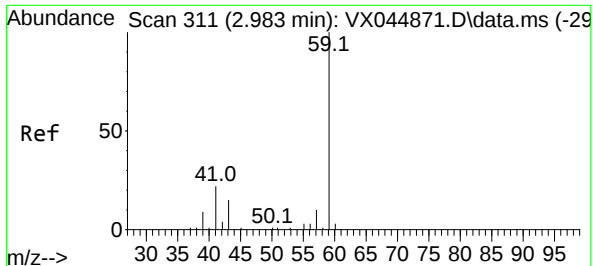
Tgt Ion:168 Resp: 96997
Ion Ratio Lower Upper
168 100
99 63.9 51.2 76.8



#6
Chloroethane
Concen: 1.370 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.013 min
Lab File: VX044922.D
Acq: 12 Feb 2025 10:57

Tgt Ion: 64 Resp: 22
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#

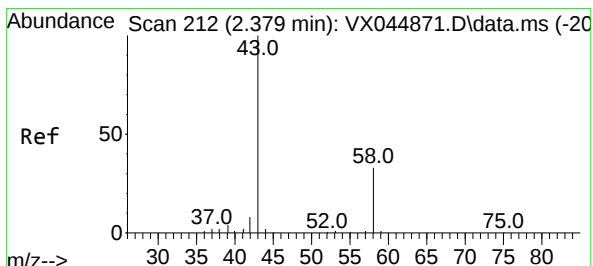
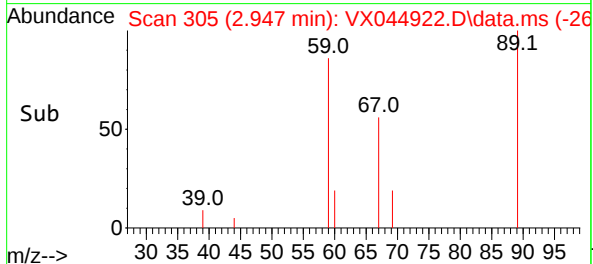
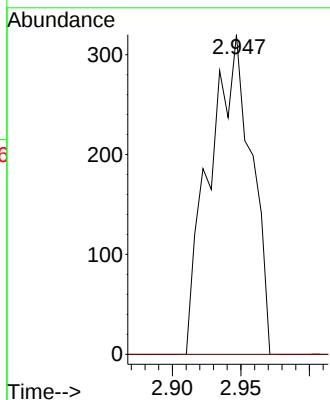
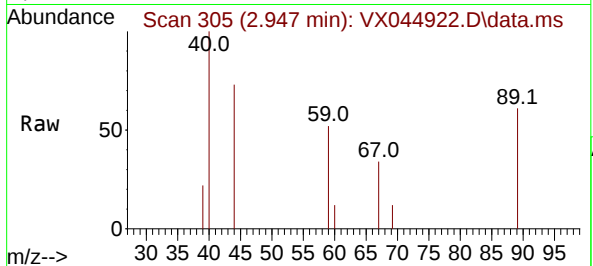




#11
Tert butyl alcohol
Concen: 2.593 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX044922.D
Acq: 12 Feb 2025 10:57

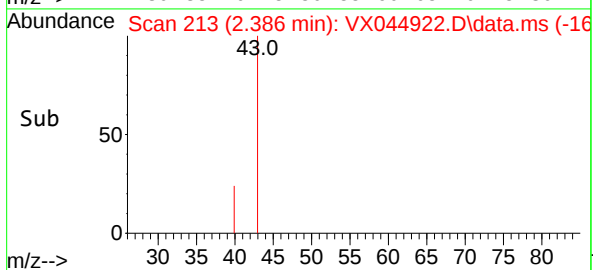
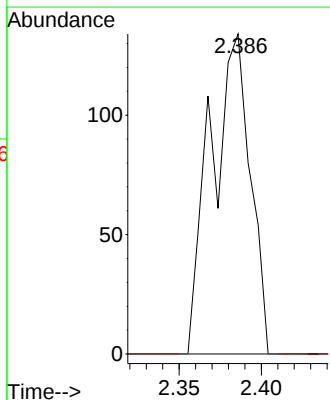
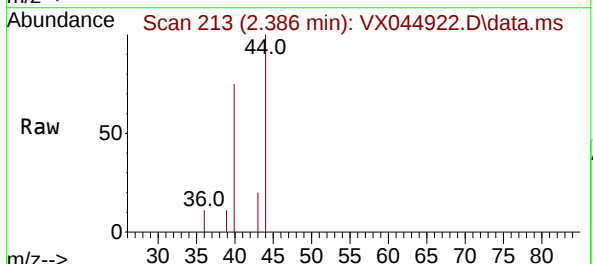
Instrument :
MSVOA_X
ClientSampleId :

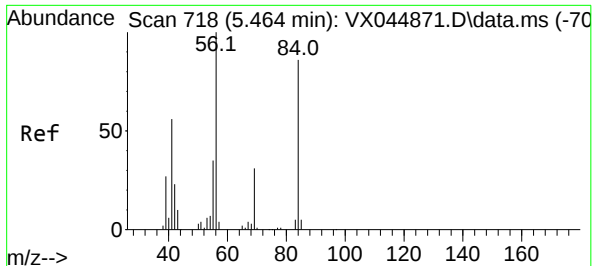
Tgt Ion: 59 Resp: 683
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: 0.391 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.007 min
Lab File: VX044922.D
Acq: 12 Feb 2025 10:57

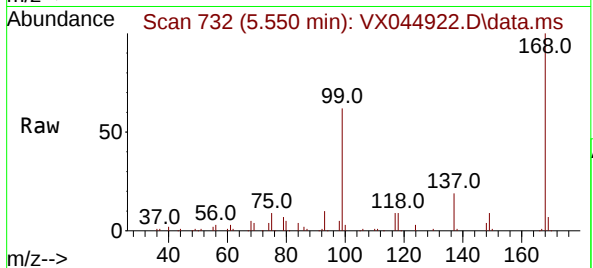
Tgt Ion: 43 Resp: 223
Ion Ratio Lower Upper
43 100
58 0.0 26.5 39.7#



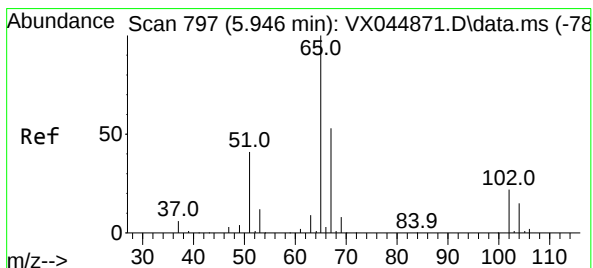
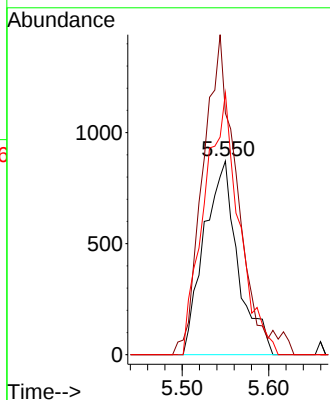
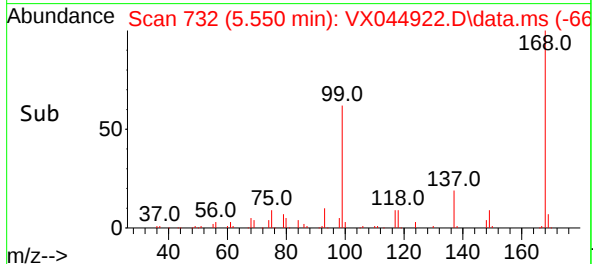


#31
Cyclohexane
Concen: 1.075 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.086 min
Lab File: VX044922.D
Acq: 12 Feb 2025 10:57

Instrument :
MSVOA_X
ClientSampleId :

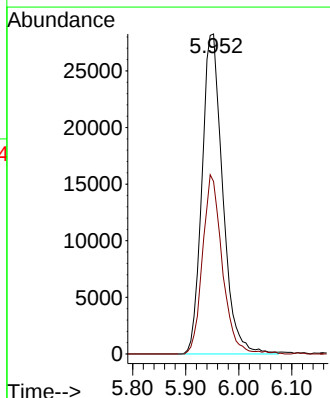
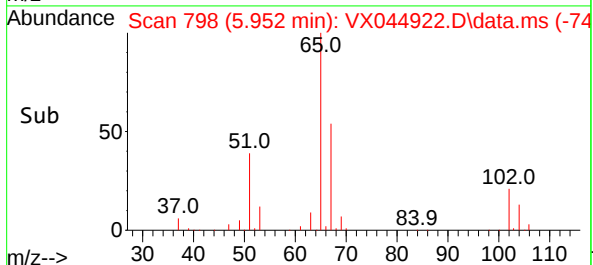
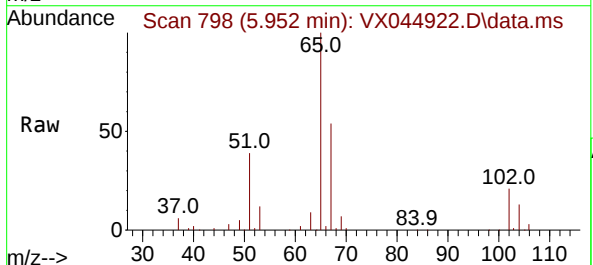


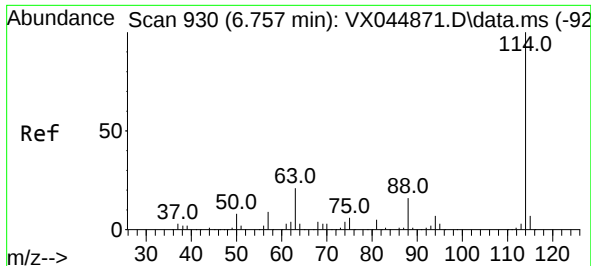
Tgt Ion: 56 Resp: 2370
Ion Ratio Lower Upper
56 100
69 118.1 24.4 36.6#
84 135.2 69.0 103.6#



#33
1,2-Dichloroethane-d4
Concen: 54.093 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.007 min
Lab File: VX044922.D
Acq: 12 Feb 2025 10:57

Tgt Ion: 65 Resp: 76805
Ion Ratio Lower Upper
65 100
67 53.5 0.0 108.2

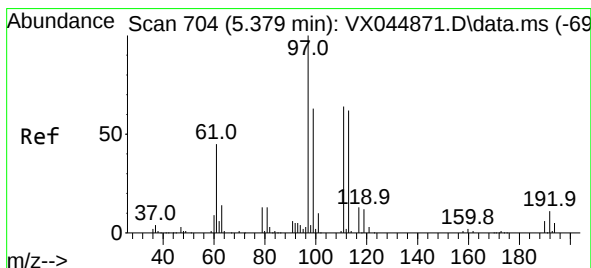
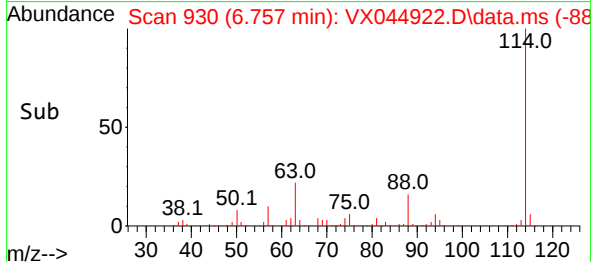
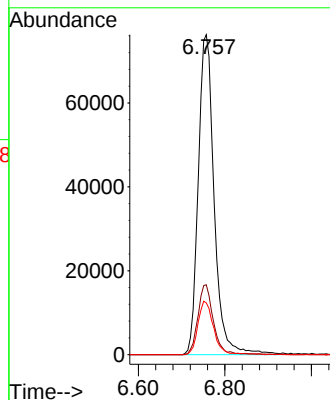
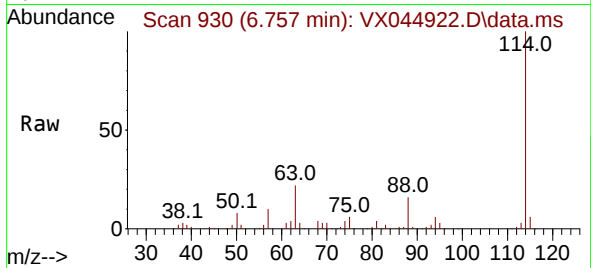




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX044922.D
Acq: 12 Feb 2025 10:57

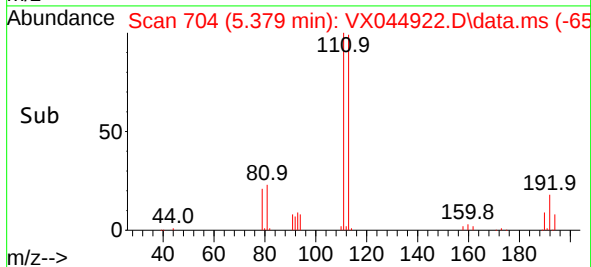
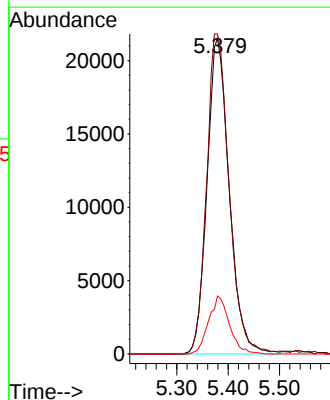
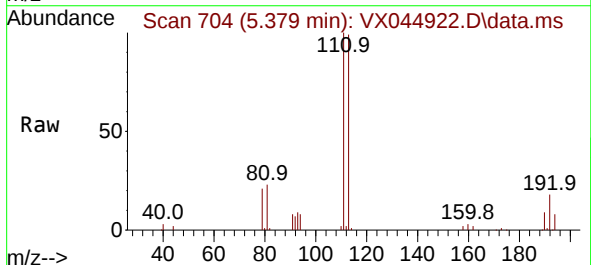
Instrument :
MSVOA_X
ClientSampleId :

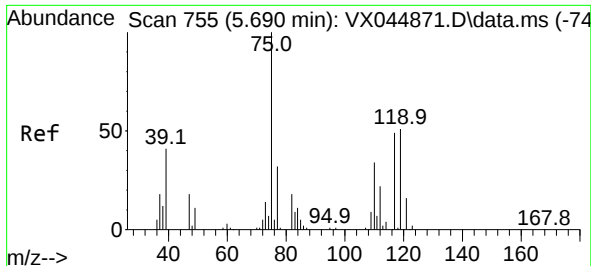
Tgt Ion:114 Resp: 194457
Ion Ratio Lower Upper
114 100
63 21.8 0.0 42.4
88 16.2 0.0 31.4



#35
Dibromofluoromethane
Concen: 50.972 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044922.D
Acq: 12 Feb 2025 10:57

Tgt Ion:113 Resp: 64443
Ion Ratio Lower Upper
113 100
111 103.0 83.5 125.3
192 17.2 14.4 21.6

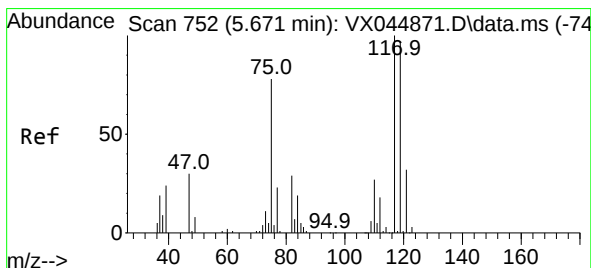
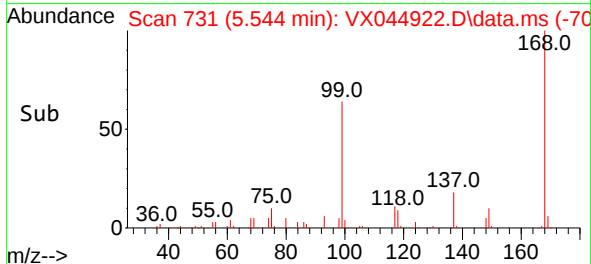
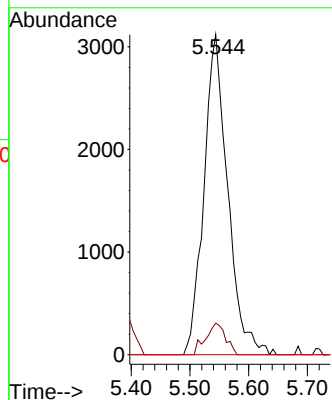
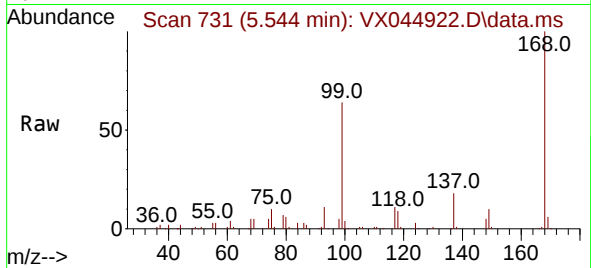




#36
1,1-Dichloropropene
Concen: 4.821 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX044922.D
Acq: 12 Feb 2025 10:57

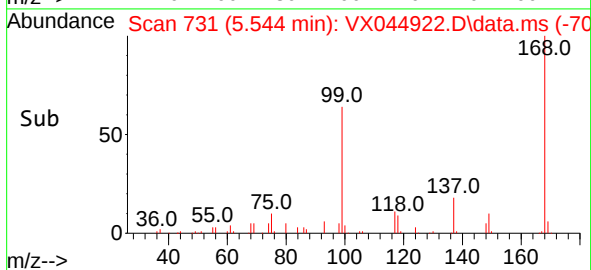
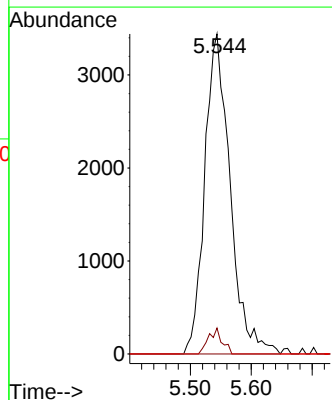
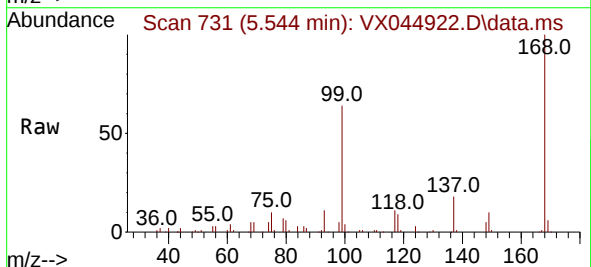
Instrument :
MSVOA_X
ClientSampleId :

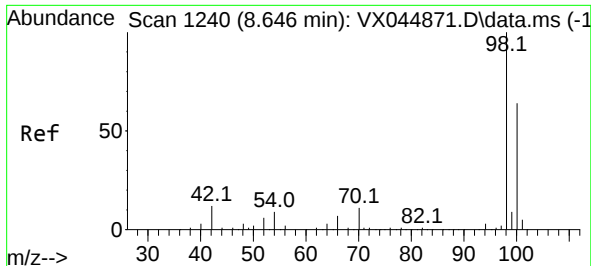
Tgt Ion: 75 Resp: 8793
Ion Ratio Lower Upper
75 100
110 8.2 17.2 51.6#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.573 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX044922.D
Acq: 12 Feb 2025 10:57

Tgt Ion: 117 Resp: 9962
Ion Ratio Lower Upper
117 100
119 8.1 77.5 116.3#
121 0.0 25.6 38.4#

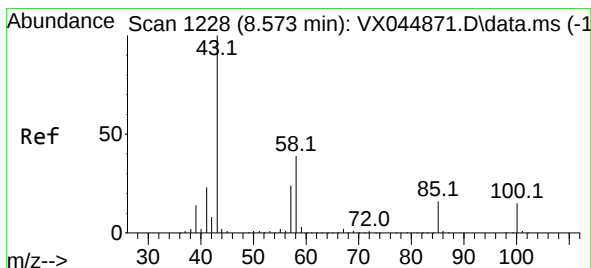
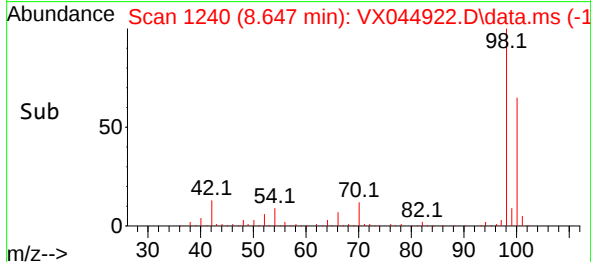
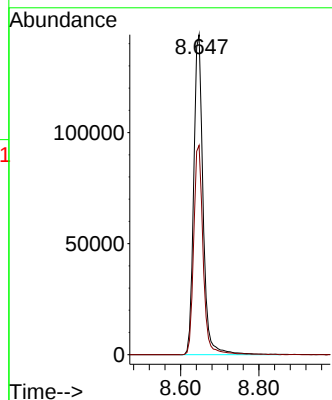
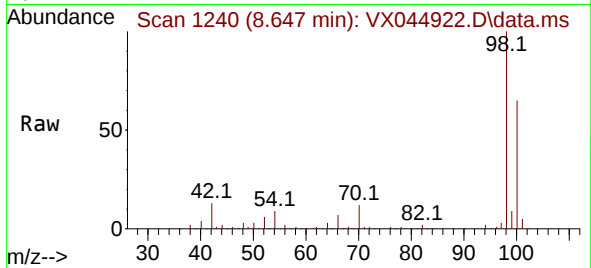




#50
Toluene-d8
Concen: 50.011 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044922.D
Acq: 12 Feb 2025 10:57

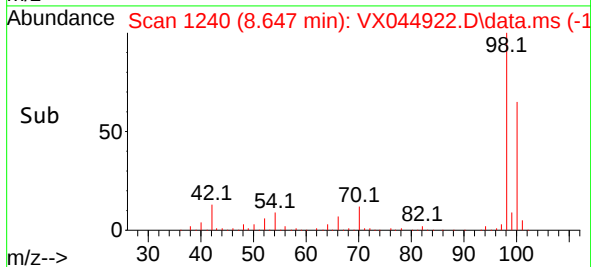
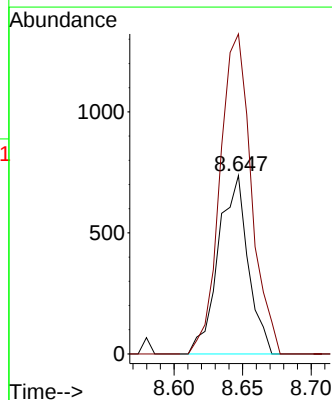
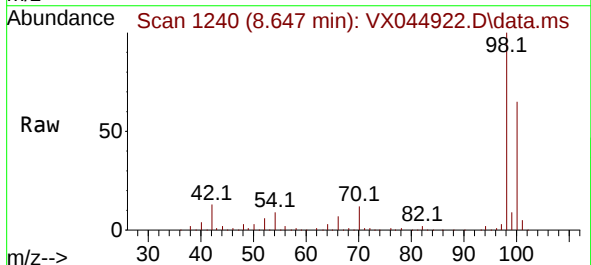
Instrument :
MSVOA_X
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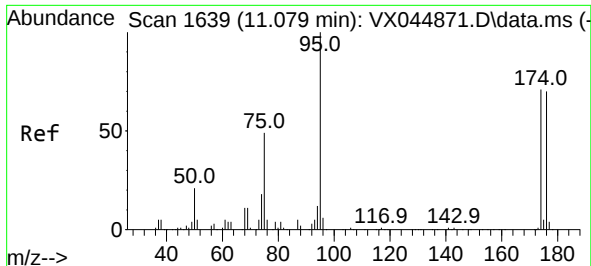
Tgt Ion: 98 Resp: 239094
Ion Ratio Lower Upper
98 100
100 65.9 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.559 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX044922.D
Acq: 12 Feb 2025 10:57

Tgt Ion: 43 Resp: 1113
Ion Ratio Lower Upper
43 100
58 189.6 30.8 46.2#





#62

4-Bromofluorobenzene

Concen: 51.055 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044922.D

Acq: 12 Feb 2025 10:57

Instrument :

MSVOA_X

ClientSampleId :

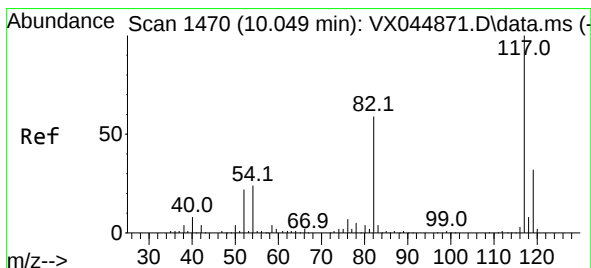
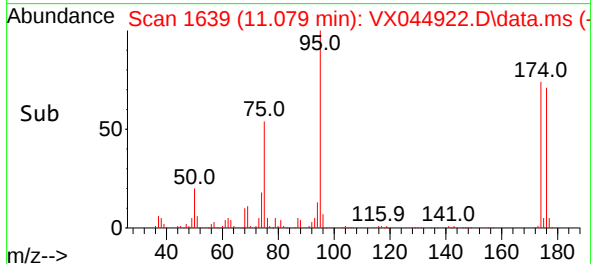
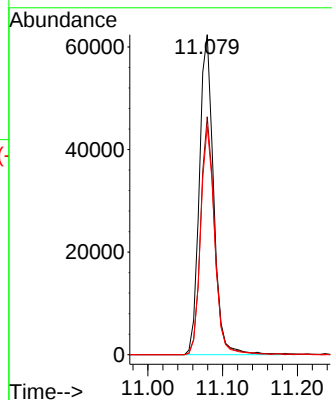
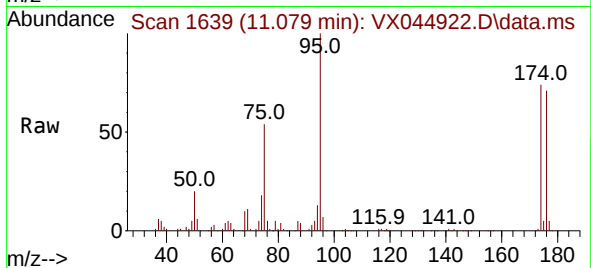
Tgt Ion: 95 Resp: 82286

Ion Ratio Lower Upper

95 100

174 72.9 0.0 142.6

176 70.1 0.0 141.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX044922.D

Acq: 12 Feb 2025 10:57

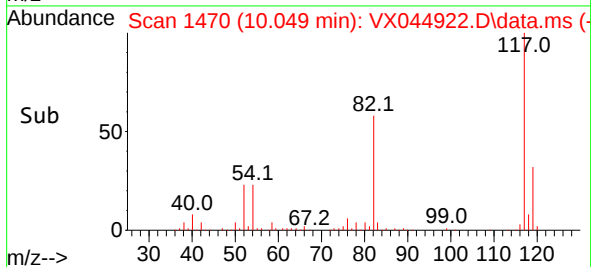
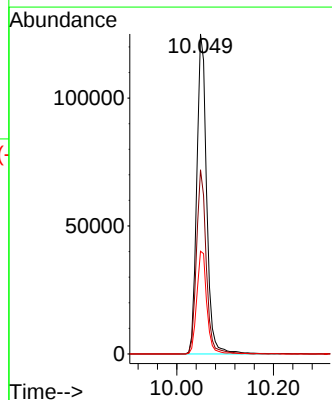
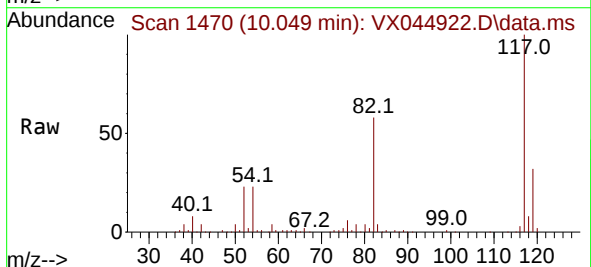
Tgt Ion: 117 Resp: 176635

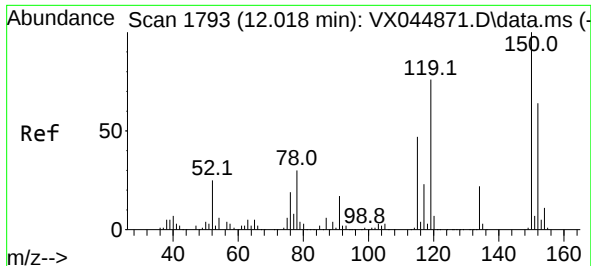
Ion Ratio Lower Upper

117 100

82 57.6 47.5 71.3

119 32.1 25.4 38.0

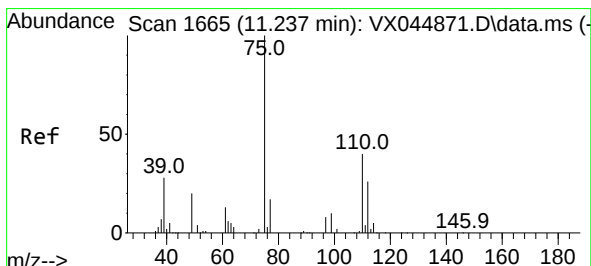
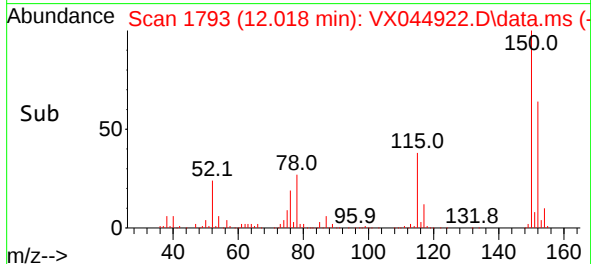
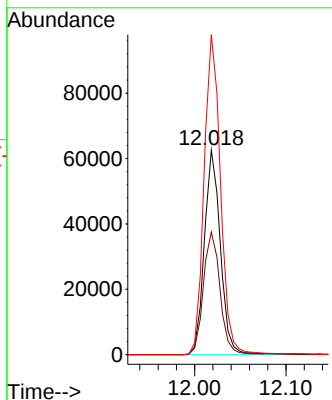
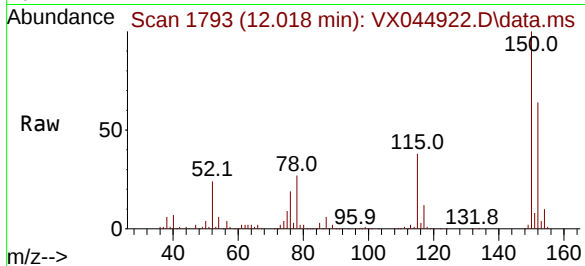




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX044922.D
 Acq: 12 Feb 2025 10:57

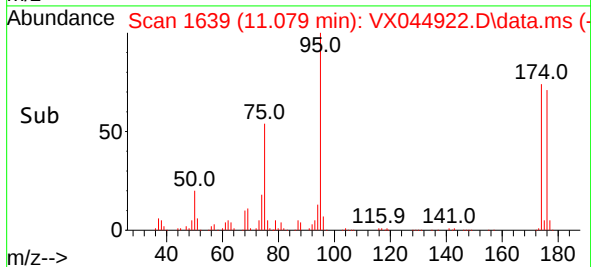
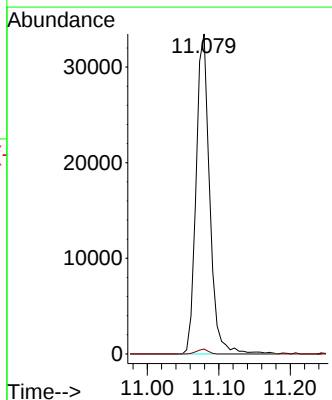
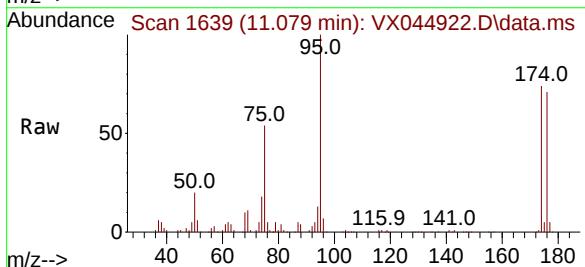
Instrument :
 MSVOA_X
 ClientSampleId :

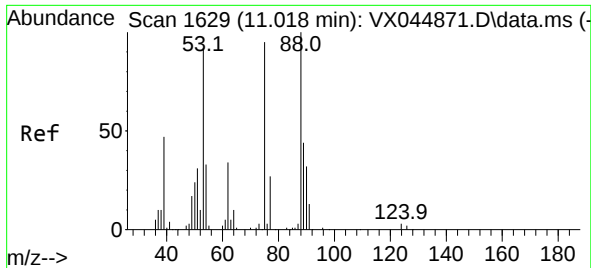
Tgt Ion:152 Resp: 76229
 Ion Ratio Lower Upper
 152 100
 115 62.3 43.4 130.1
 150 161.5 0.0 350.4



#76
 1,2,3-Trichloropropane
 Concen: 26.129 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX044922.D
 Acq: 12 Feb 2025 10:57

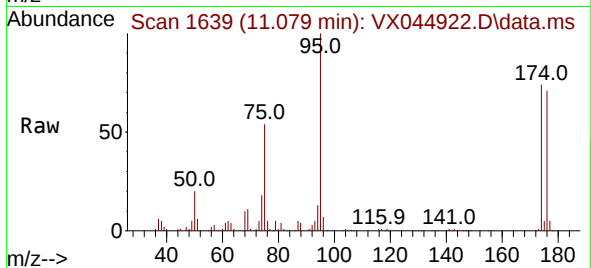
Tgt Ion: 75 Resp: 44160
 Ion Ratio Lower Upper
 75 100
 77 1.3 21.9 65.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 67.212 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX044922.D
Acq: 12 Feb 2025 10:57

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 44160
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.1 36.6 54.8#

