

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021223\
 Data File : VX034108.D
 Acq On : 10 Feb 2023 12:17
 Operator : JC/MD
 Sample : VX0212WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0212WBL01

Quant Time: Feb 10 13:16:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

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

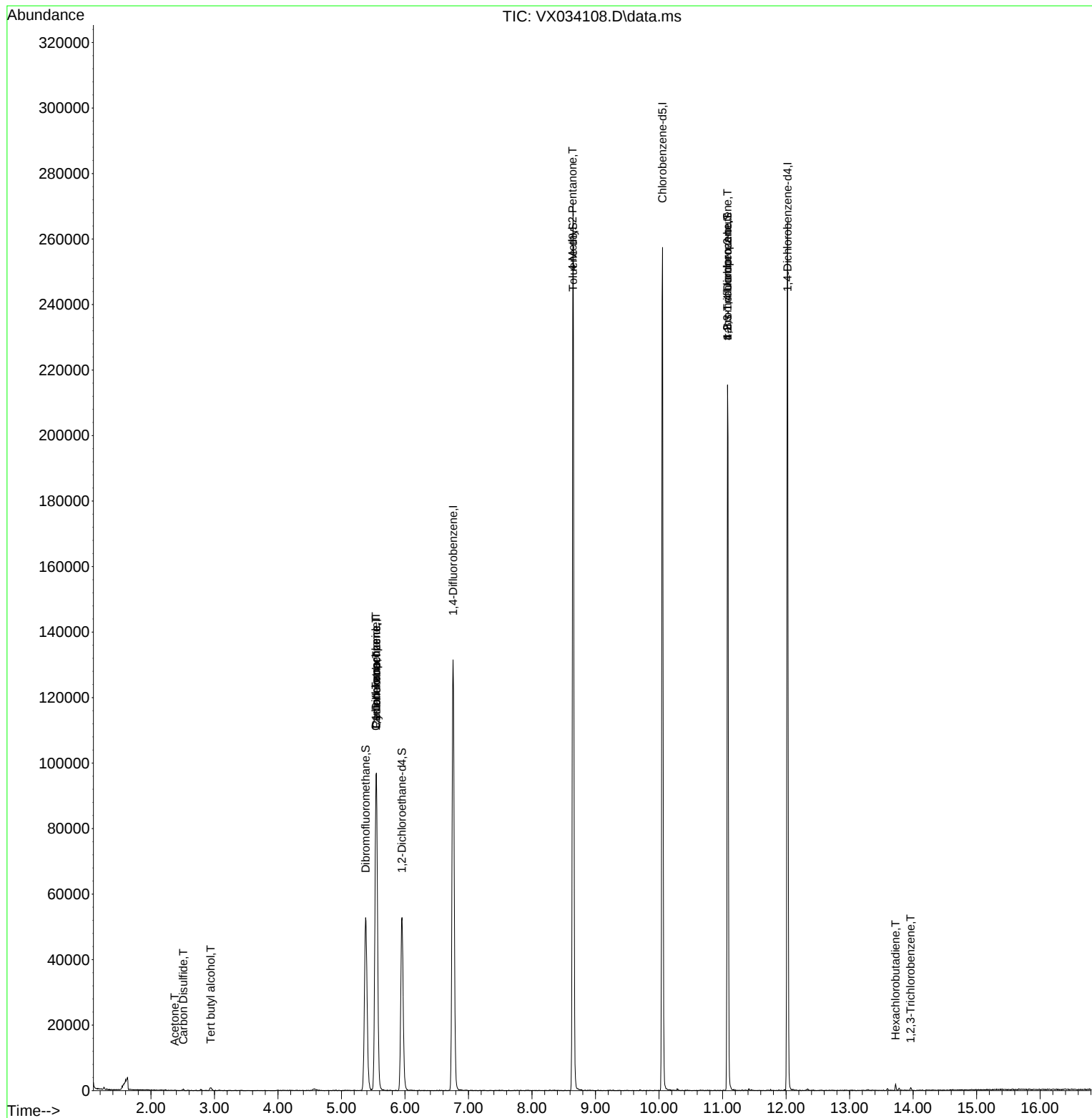
Internal Standards						
1) Pentafluorobenzene	5.550	168	106807	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	145277	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	129110	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62833	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	52236	50.731	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.460%	
35) Dibromofluoromethane	5.379	113	46711	50.521	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.040%	
50) Toluene-d8	8.647	98	166282	49.916	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.840%	
62) 4-Bromofluorobenzene	11.079	95	56679	47.639	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.280%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	678	4.700	ug/l #	86
16) Acetone	2.373	43	169	0.389	ug/l #	47
17) Carbon Disulfide	2.508	76	508	0.229	ug/l #	76
31) Cyclohexane	5.550	56	1597	1.065	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	6147	4.849	ug/l #	44
38) Carbon Tetrachloride	5.544	117	9355	6.919	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	623	0.539	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	26978	25.005	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	26978	77.007	ug/l #	8
94) Hexachlorobutadiene	13.725	225	408	0.560	ug/l	94
96) 1,2,3-Trichlorobenzene	13.963	180	415	0.281	ug/l	95

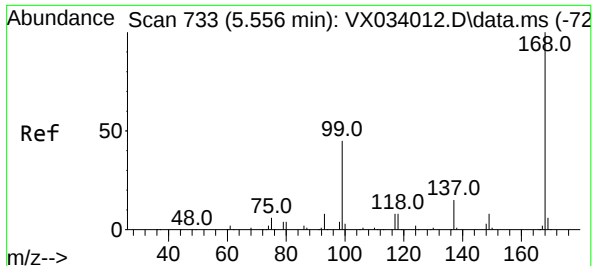
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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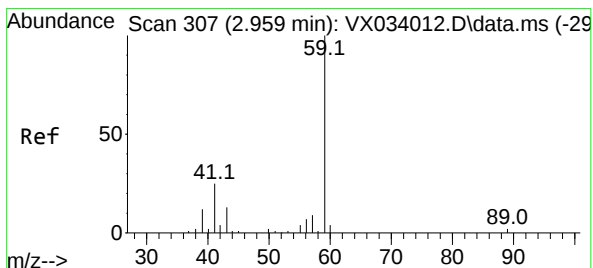
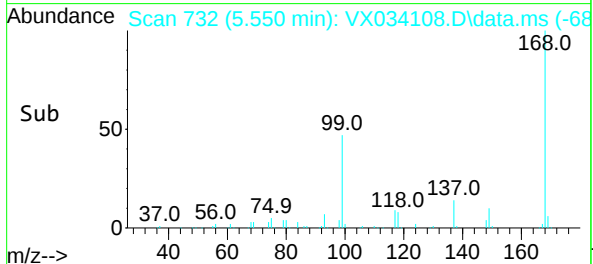
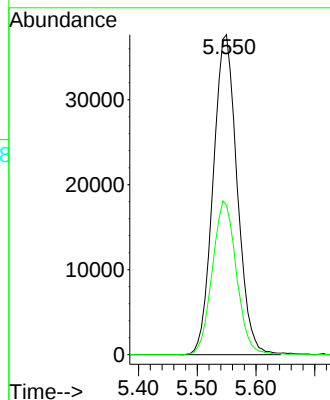
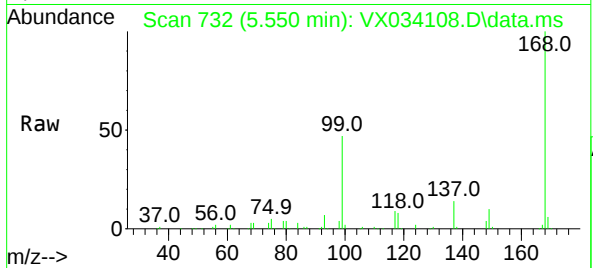




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX034108.D
Acq: 10 Feb 2023 12:17

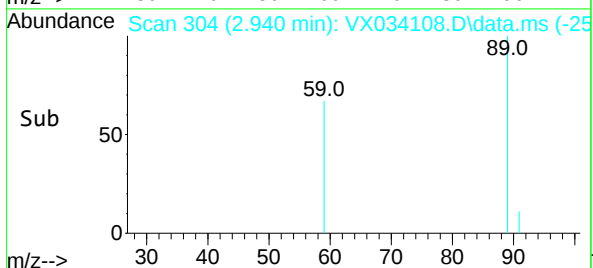
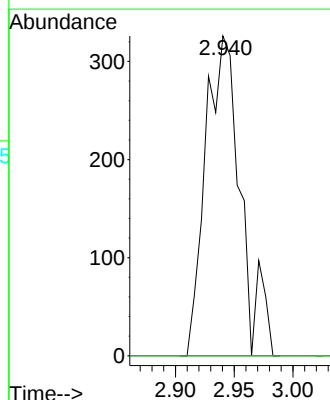
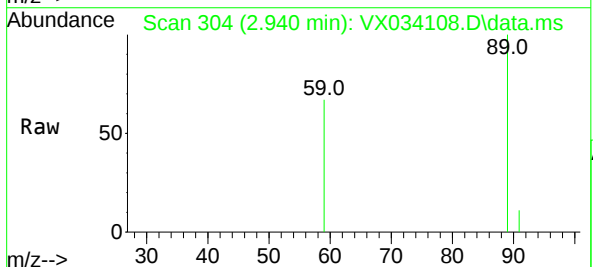
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBL01

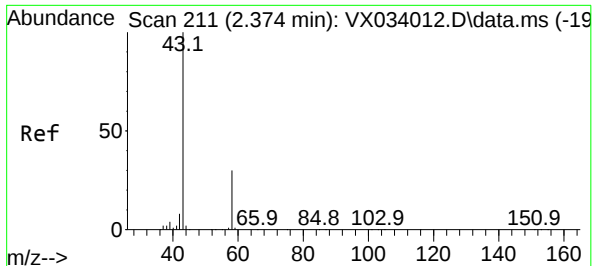
Tgt Ion:168 Resp: 106807
Ion Ratio Lower Upper
168 100
99 46.8 39.6 59.4



#11
Tert butyl alcohol
Concen: 4.700 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.018 min
Lab File: VX034108.D
Acq: 10 Feb 2023 12:17

Tgt Ion: 59 Resp: 678
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#

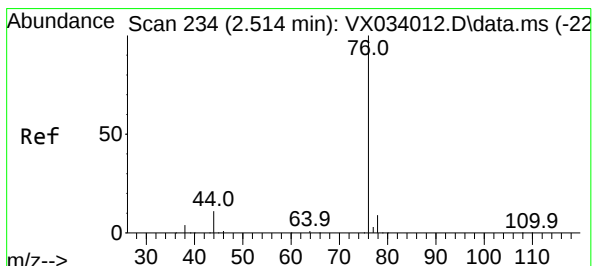
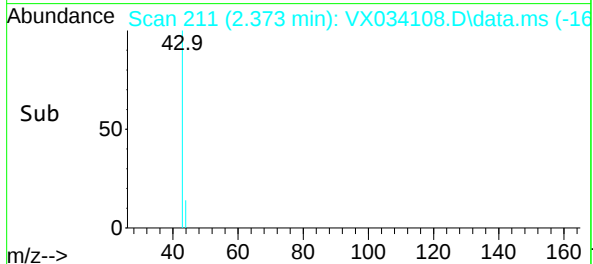
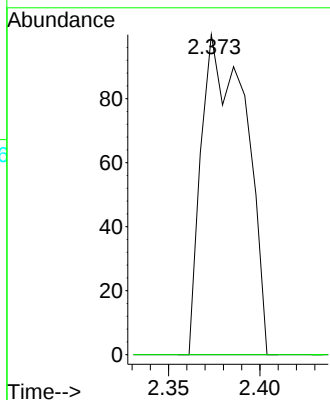
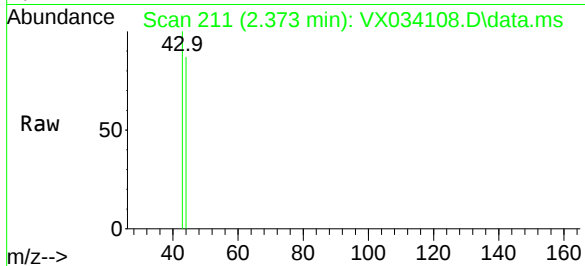




#16
Acetone
Concen: 0.389 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX034108.D
Acq: 10 Feb 2023 12:17

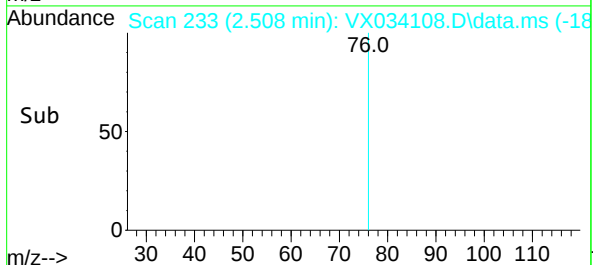
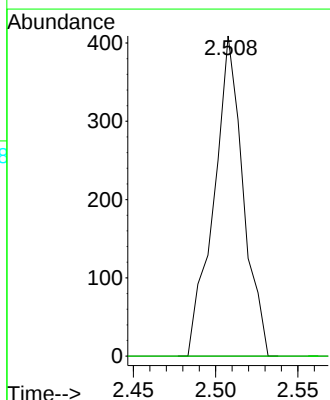
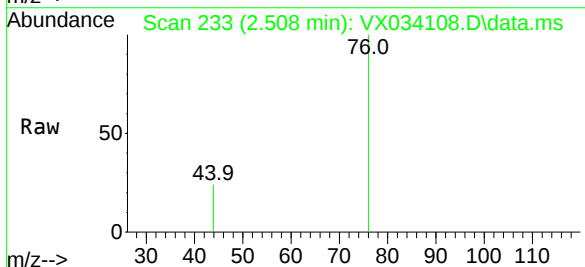
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBL01

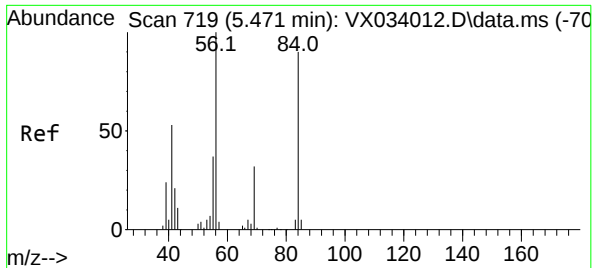
Tgt Ion: 43 Resp: 169
Ion Ratio Lower Upper
43 100
58 0.0 22.6 33.8#



#17
Carbon Disulfide
Concen: 0.229 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX034108.D
Acq: 10 Feb 2023 12:17

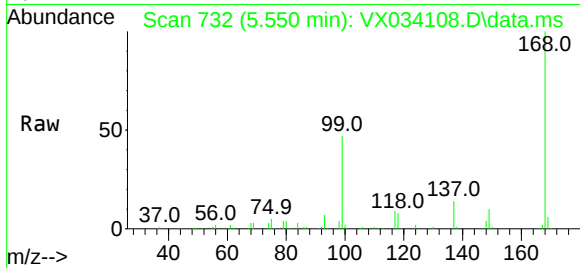
Tgt Ion: 76 Resp: 508
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



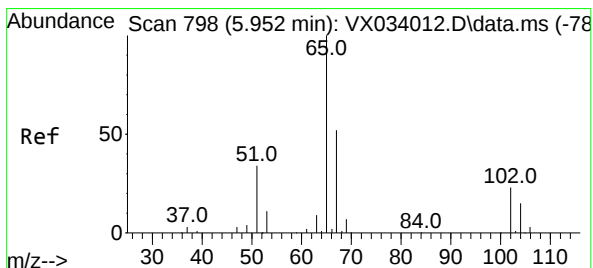
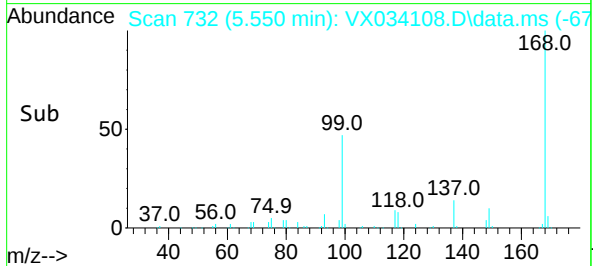
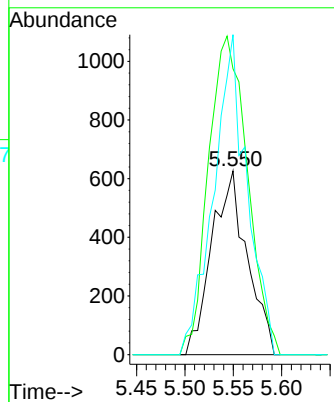


#31
Cyclohexane
Concen: 1.065 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX034108.D
Acq: 10 Feb 2023 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0212WBL01

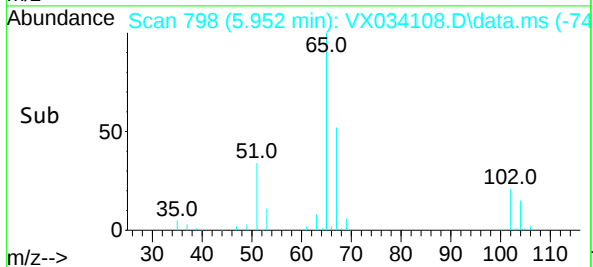
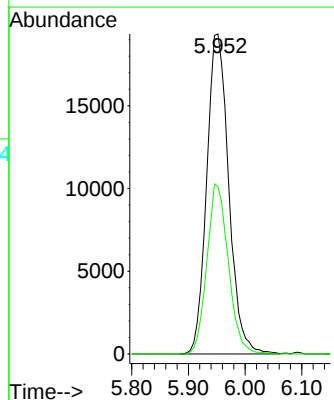
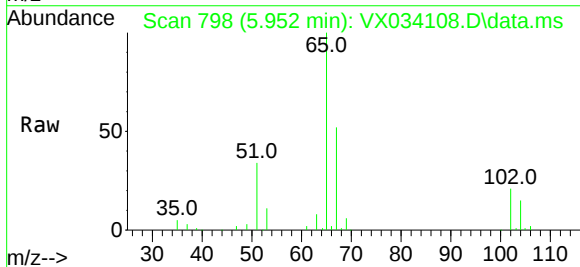


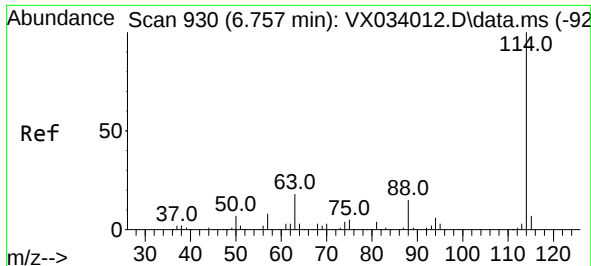
Tgt Ion: 56 Resp: 1597
Ion Ratio Lower Upper
56 100
69 155.8 24.6 37.0#
84 174.3 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 50.731 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX034108.D
Acq: 10 Feb 2023 12:17

Tgt Ion: 65 Resp: 52236
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.8

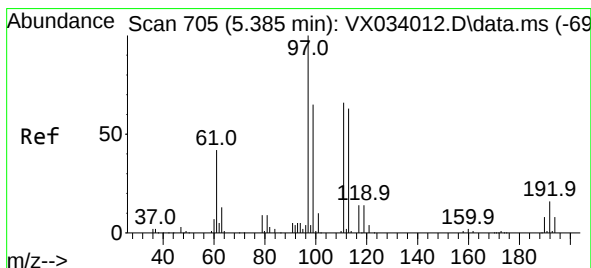
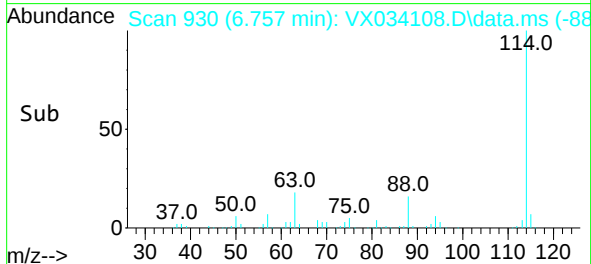
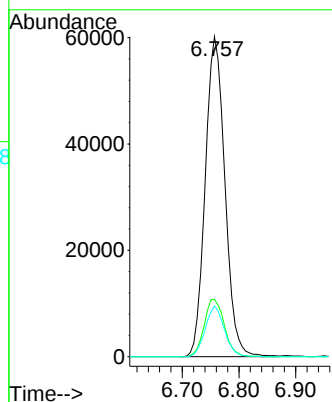
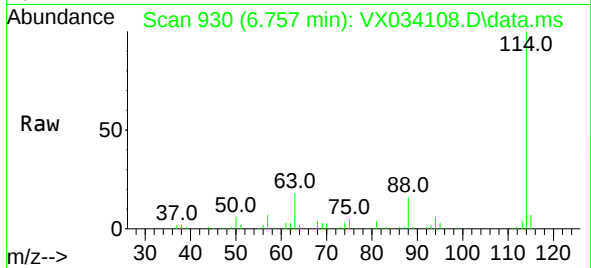




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX034108.D
Acq: 10 Feb 2023 12:17

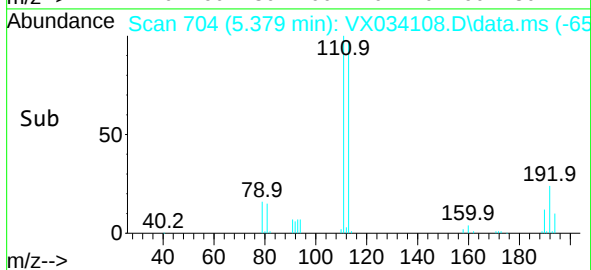
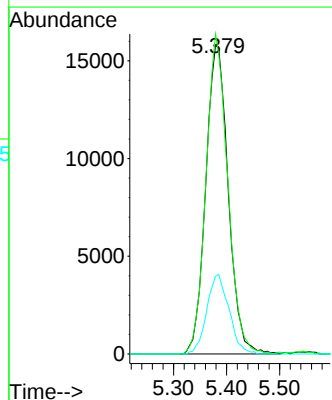
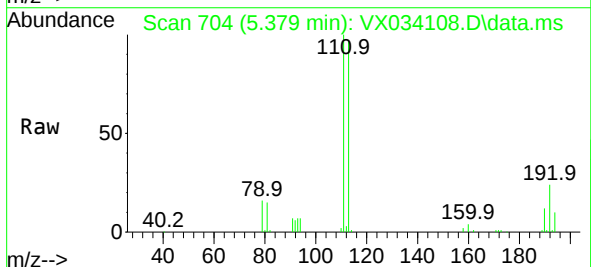
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBL01

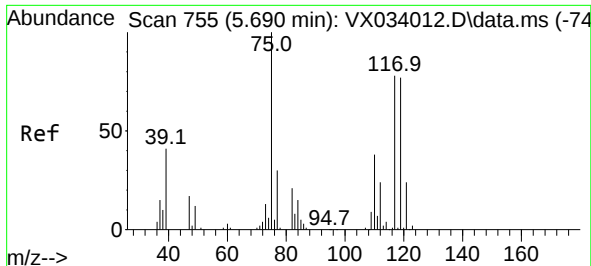
Tgt Ion:114 Resp: 145277
Ion Ratio Lower Upper
114 100
63 17.9 0.0 37.4
88 15.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.521 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX034108.D
Acq: 10 Feb 2023 12:17

Tgt Ion:113 Resp: 46711
Ion Ratio Lower Upper
113 100
111 99.9 83.0 124.6
192 25.2 19.0 28.4





#36

1,1-Dichloropropene

Concen: 4.849 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.147 min

Lab File: VX034108.D

Acq: 10 Feb 2023 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0212WBL01

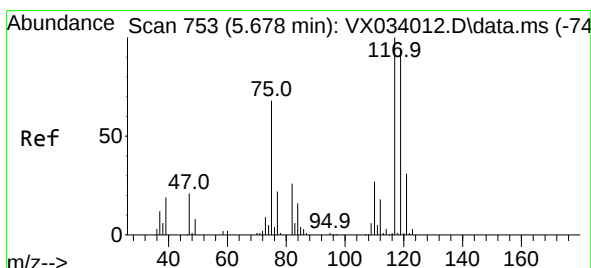
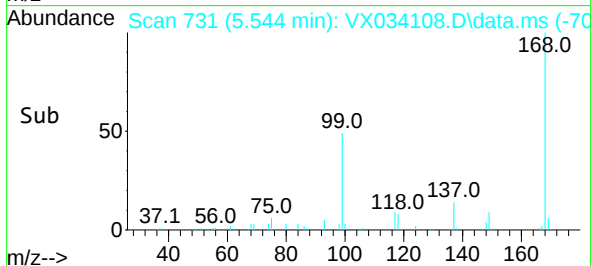
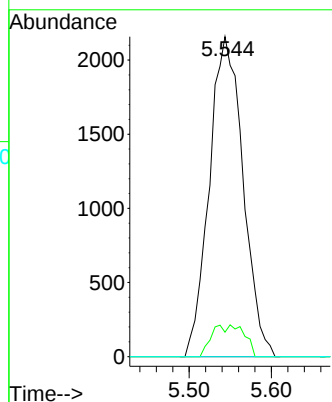
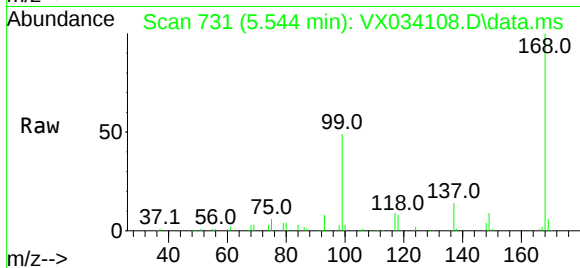
Tgt Ion: 75 Resp: 6147

Ion Ratio Lower Upper

75 100

110 4.5 18.8 56.4#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.919 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.134 min

Lab File: VX034108.D

Acq: 10 Feb 2023 12:17

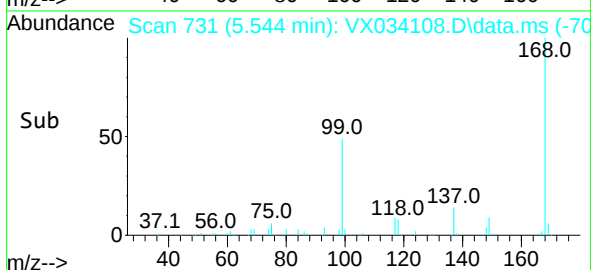
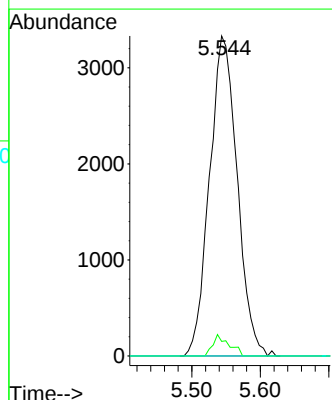
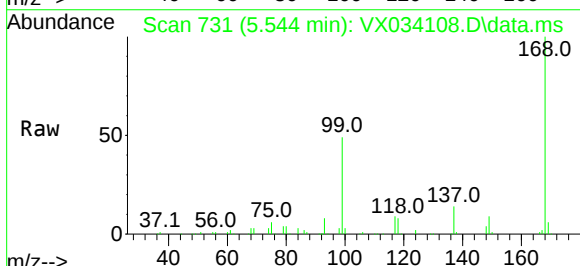
Tgt Ion: 117 Resp: 9355

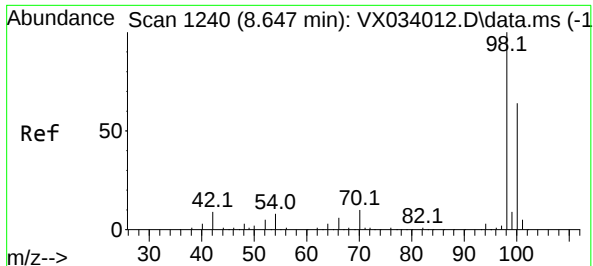
Ion Ratio Lower Upper

117 100

119 4.6 78.0 117.0#

121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 49.916 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX034108.D

Acq: 10 Feb 2023 12:17

Instrument :

MSVOA_X

ClientSampleId :

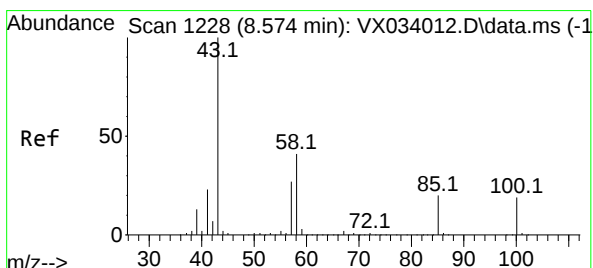
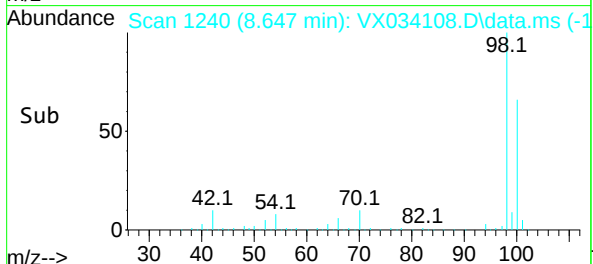
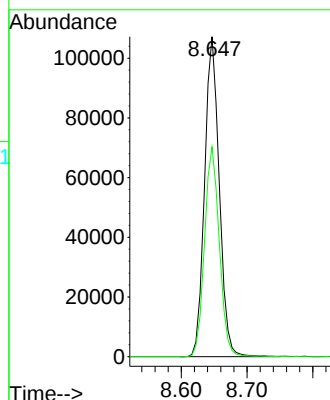
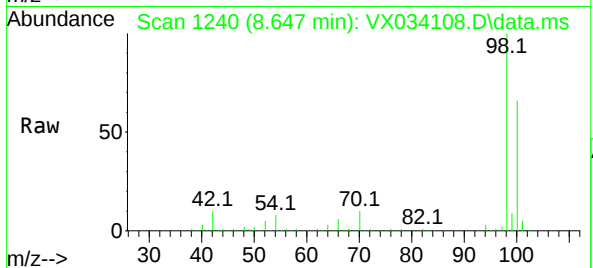
VX0212WBL01

Tgt Ion: 98 Resp: 166282

Ion Ratio Lower Upper

98 100

100 66.0 53.6 80.4



#51

4-Methyl-2-Pentanone

Concen: 0.539 ug/l

RT: 8.641 min Scan# 1239

Delta R.T. 0.067 min

Lab File: VX034108.D

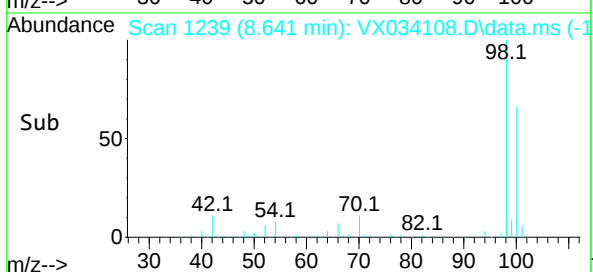
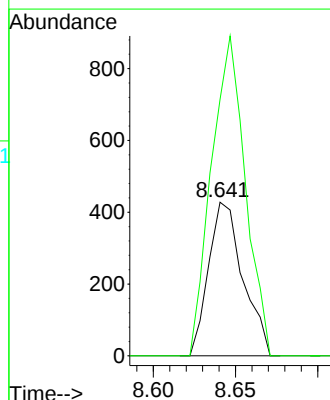
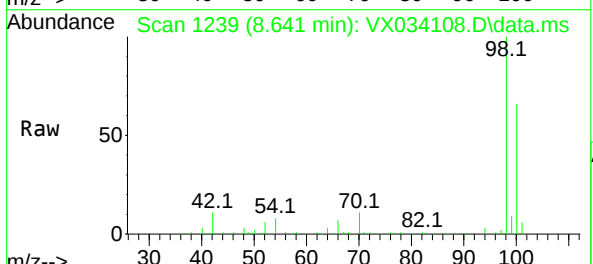
Acq: 10 Feb 2023 12:17

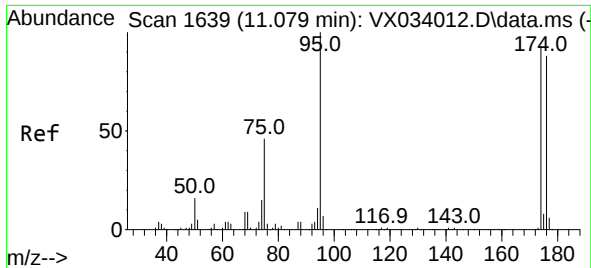
Tgt Ion: 43 Resp: 623

Ion Ratio Lower Upper

43 100

58 205.0 31.2 46.8#

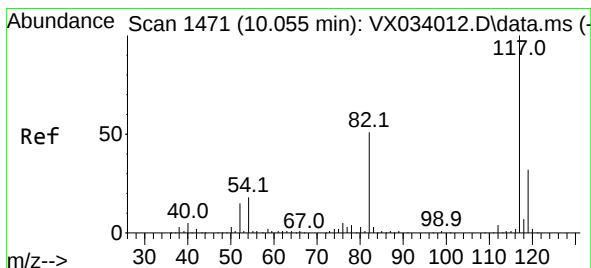
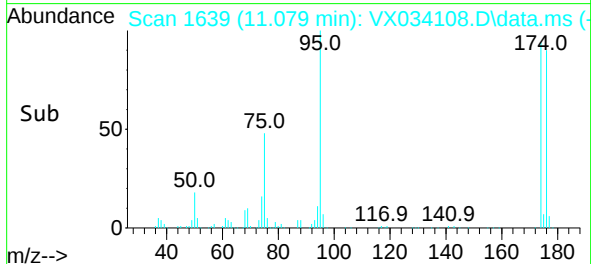
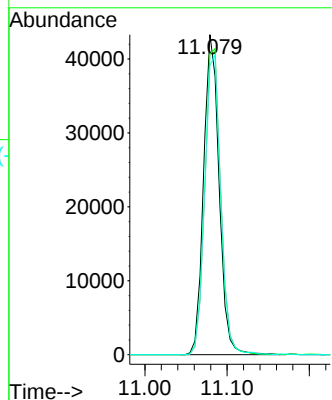
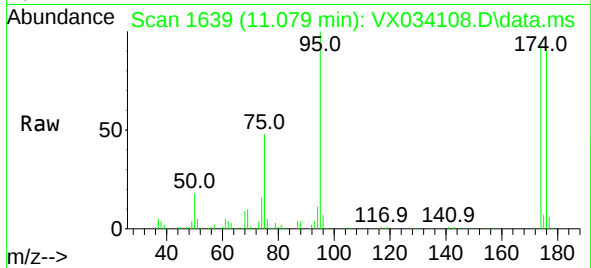




#62
4-Bromofluorobenzene
Concen: 47.639 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034108.D
Acq: 10 Feb 2023 12:17

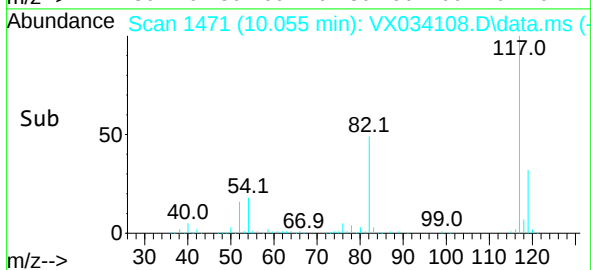
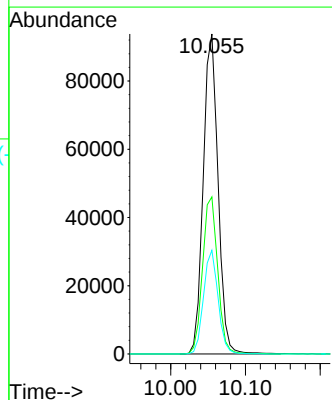
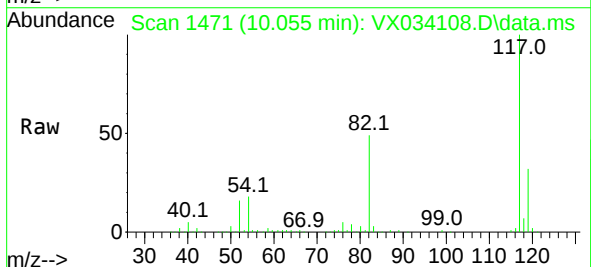
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBL01

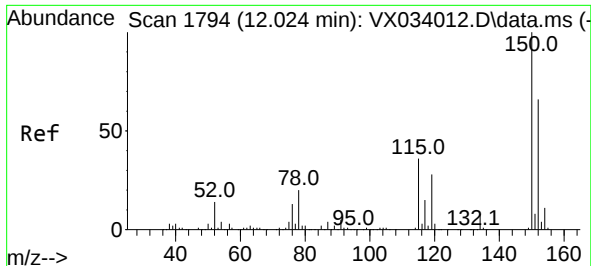
Tgt Ion: 95 Resp: 56679
Ion Ratio Lower Upper
95 100
174 98.3 0.0 184.4
176 96.5 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034108.D
Acq: 10 Feb 2023 12:17

Tgt Ion: 117 Resp: 129110
Ion Ratio Lower Upper
117 100
82 49.1 40.6 60.8
119 32.4 25.6 38.4

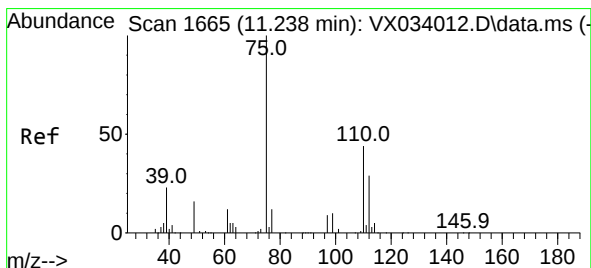
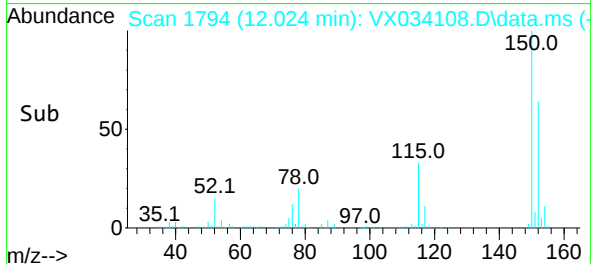
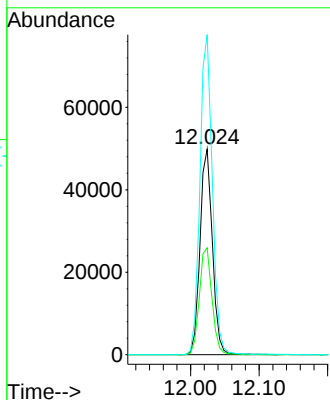
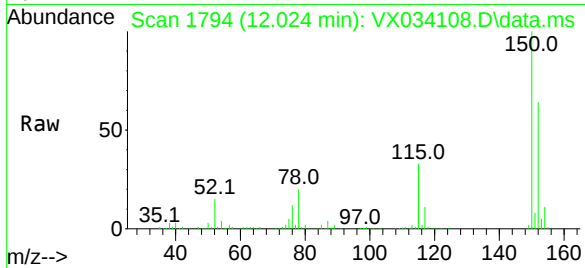




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX034108.D
 Acq: 10 Feb 2023 12:17

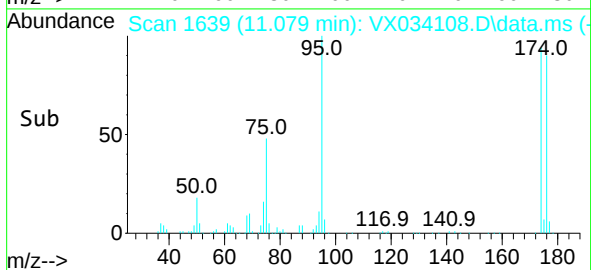
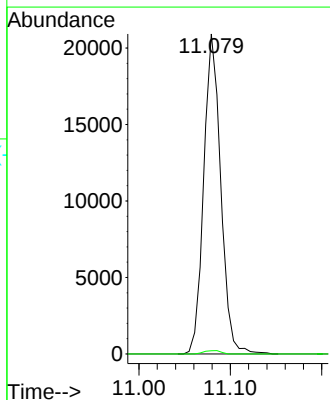
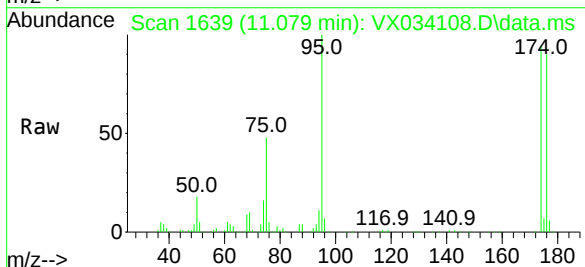
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0212WBL01

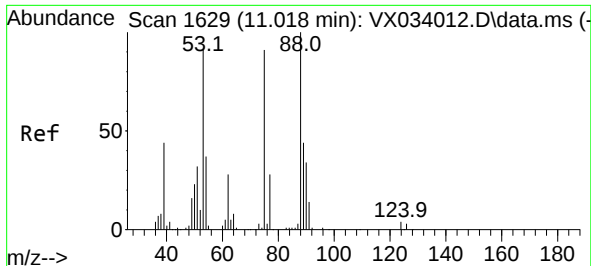
Tgt Ion:152 Resp: 62833
 Ion Ratio Lower Upper
 152 100
 115 52.9 38.7 116.1
 150 155.6 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 25.005 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX034108.D
 Acq: 10 Feb 2023 12:17

Tgt Ion: 75 Resp: 26978
 Ion Ratio Lower Upper
 75 100
 77 1.0 21.8 65.4#

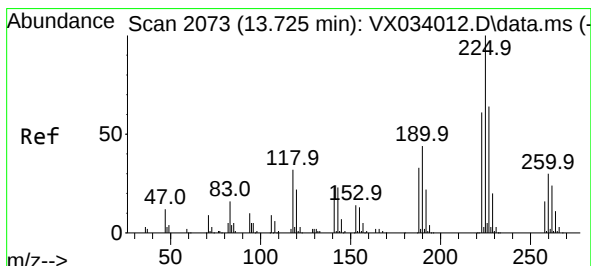
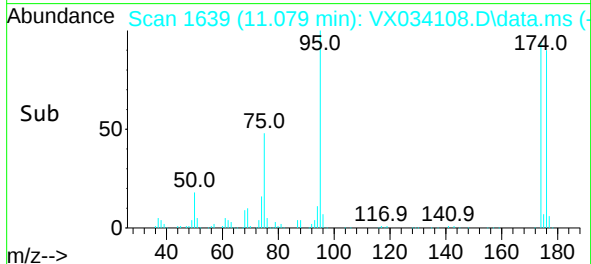
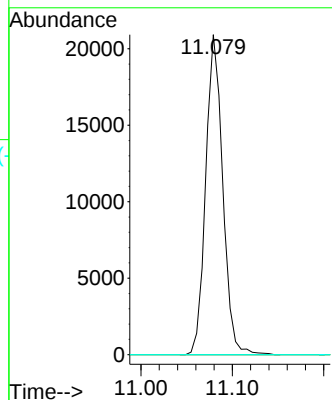
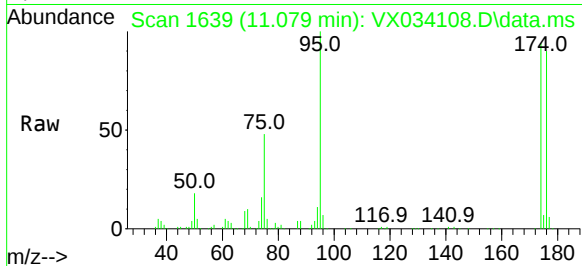




#81
trans-1,4-Dichloro-2-butene
Concen: 77.007 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034108.D
Acq: 10 Feb 2023 12:17

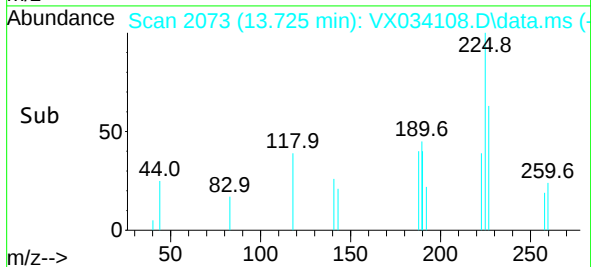
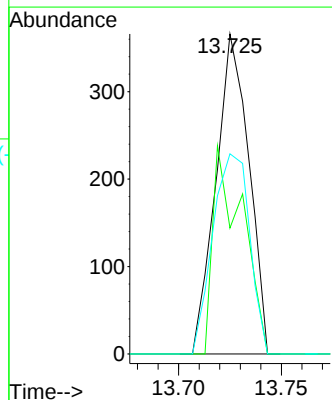
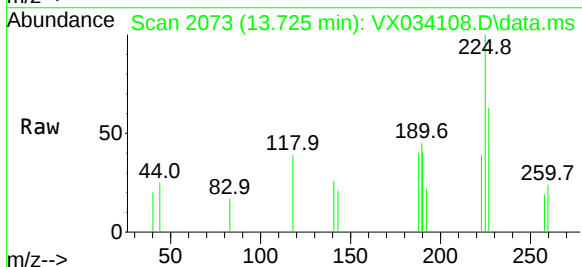
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBL01

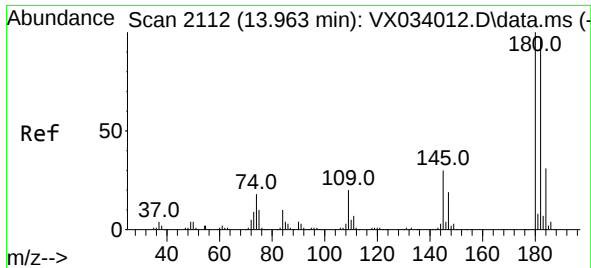
Tgt Ion: 75 Resp: 26978
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#



#94
Hexachlorobutadiene
Concen: 0.560 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX034108.D
Acq: 10 Feb 2023 12:17

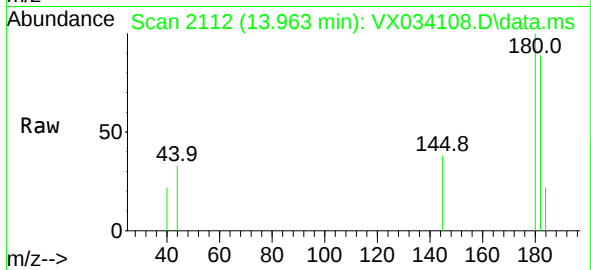
Tgt Ion: 225 Resp: 408
Ion Ratio Lower Upper
225 100
223 58.1 31.3 93.9
227 69.9 32.3 96.9





#96
 1,2,3-Trichlorobenzene
 Concen: 0.281 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX034108.D
 Acq: 10 Feb 2023 12:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0212WBL01



Tgt Ion:180 Resp: 415
 Ion Ratio Lower Upper
 180 100
 182 90.1 47.6 142.9
 145 27.5 15.1 45.3

