

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060622\
 Data File : VX029242.D
 Acq On : 06 Jun 2022 16:44
 Operator : JC/MD
 Sample : N3160-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: Jun 07 06:05:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

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

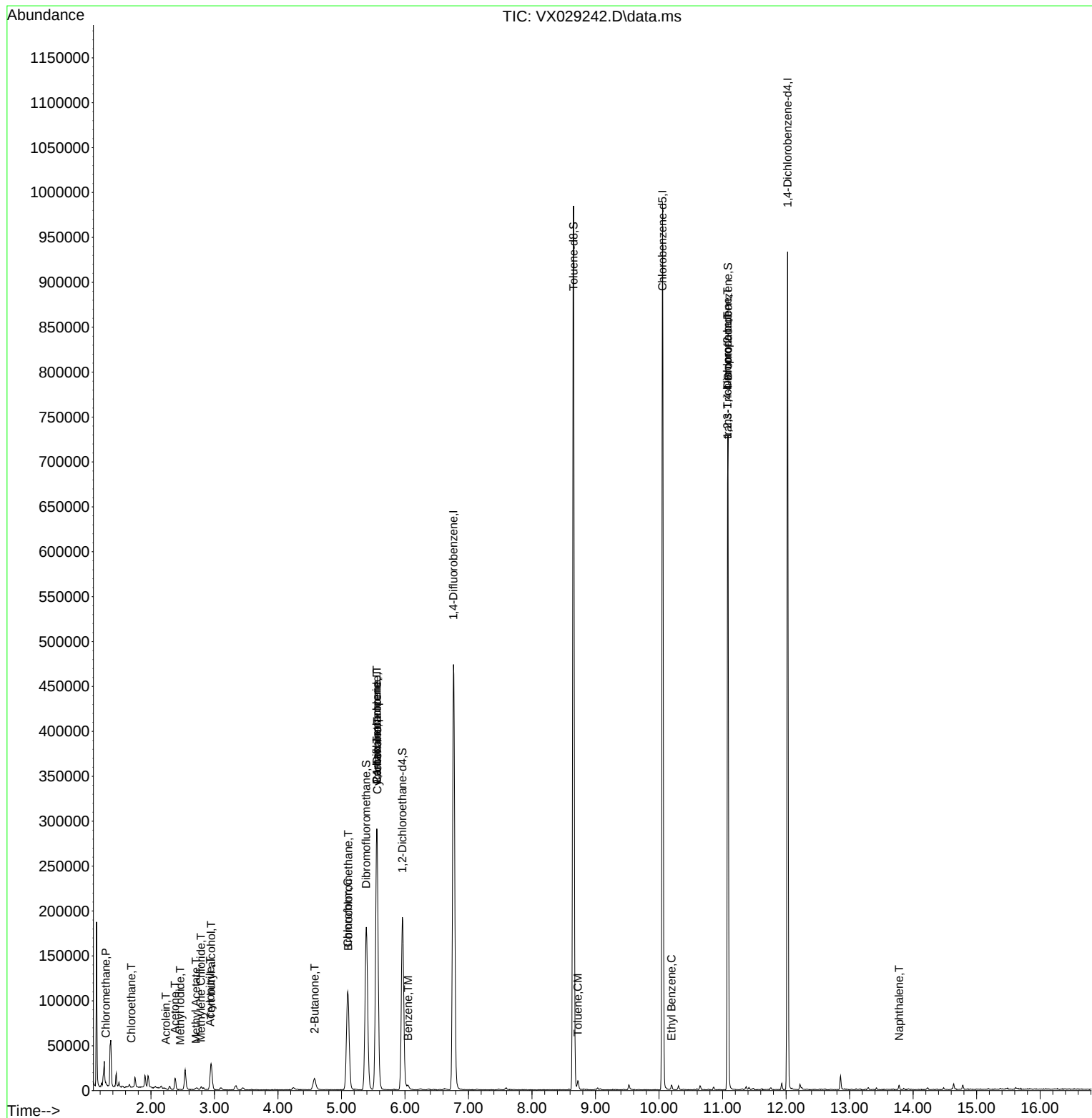
Internal Standards						
1) Pentafluorobenzene	5.556	168	269968	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	504882	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	453860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	186943	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	186008	61.101	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	122.200%
35) Dibromofluoromethane	5.385	113	162075	48.330	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.660%
50) Toluene-d8	8.653	98	596731	48.652	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.300%
62) 4-Bromofluorobenzene	11.085	95	210003	44.293	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	88.580%
Target Compounds						
						Qvalue
3) Chloromethane	1.288	50	953	0.388	ug/l	# 86
5) Bromomethane	1.623	94	858	Below Cal	#	64
6) Chloroethane	1.691	64	380	1.561	ug/l	# 43
10) Methyl Iodide	2.459	142	523	4.384	ug/l	# 87
11) Tert butyl alcohol	2.946	59	17140	24.304	ug/l	# 74
13) Acrolein	2.233	56	263	0.823	ug/l	# 84
15) Acrylonitrile	2.934	53	304	0.209	ug/l	# 18
16) Acetone	2.379	43	13454	11.223	ug/l	# 96
18) Methyl Acetate	2.709	43	839	0.271	ug/l	# 46
20) Methylene Chloride	2.788	84	1306	0.467	ug/l	# 85
25) 2-Butanone	4.574	43	4380	2.265	ug/l	# 96
28) Bromochloromethane	5.105	49	9542	5.244	ug/l	# 7
30) Chloroform	5.098	83	137224	27.372	ug/l	# 98
31) Cyclohexane	5.562	56	5708	1.442	ug/l	# 14
36) 1,1-Dichloropropene	5.556	75	21270	4.929	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	29449	5.972	ug/l	# 15
40) Benzene	6.050	78	5424	0.424	ug/l	# 99
44) Trichloroethene	7.129	130	337	Below Cal		# 81
52) Toluene	8.720	92	3745	0.439	ug/l	# 84
67) Ethyl Benzene	10.195	91	3399	0.217	ug/l	# 91
76) 1,2,3-Trichloropropane	11.079	75	101850	26.876	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	101850	78.848	ug/l	# 15
95) Naphthalene	13.780	128	3196	0.258	ug/l	# 94

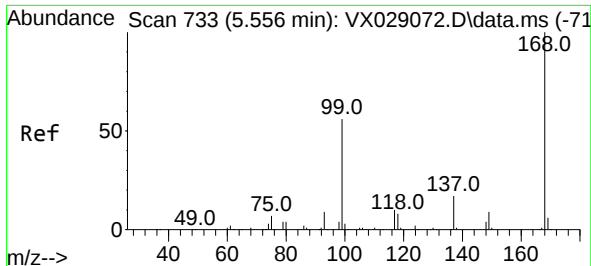
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060622\
Data File : VX029242.D
Acq On : 06 Jun 2022 16:44
Operator : JC/MD
Sample : N3160-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-1

Quant Time: Jun 07 06:05:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 01 04:45:42 2022
Response via : Initial Calibration

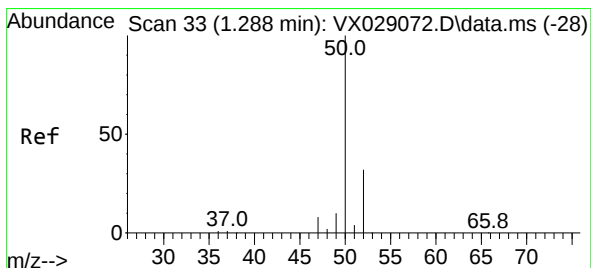
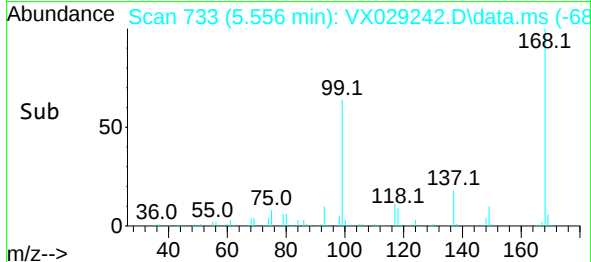
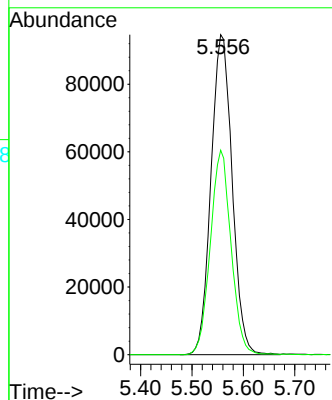
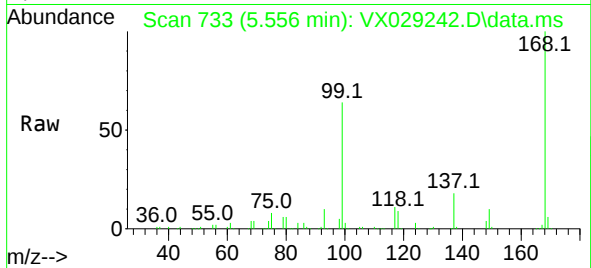




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029242.D
Acq: 06 Jun 2022 16:44

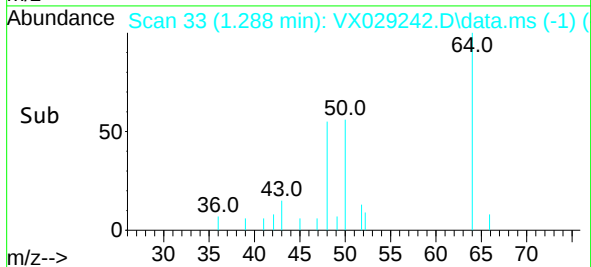
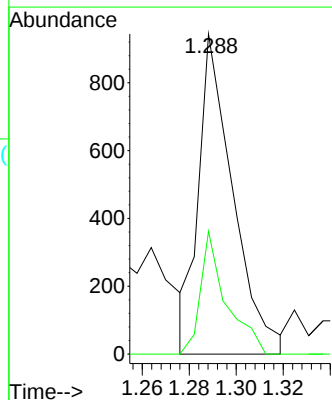
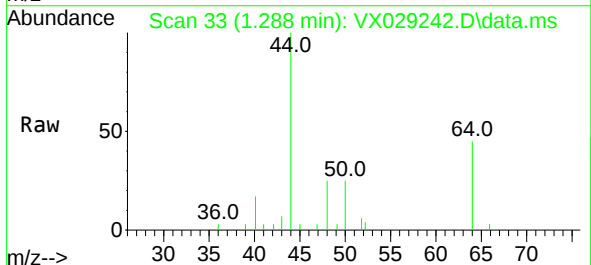
Instrument :
MSVOA_X
ClientSampleId :
MW-1

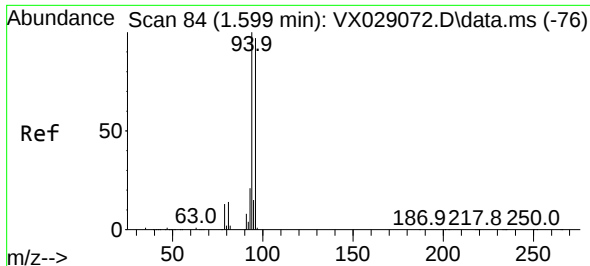
Tgt Ion:168 Resp: 269968
Ion Ratio Lower Upper
168 100
99 63.9 41.7 62.5#



#3
Chloromethane
Concen: 0.388 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX029242.D
Acq: 06 Jun 2022 16:44

Tgt Ion: 50 Resp: 953
Ion Ratio Lower Upper
50 100
52 40.8 26.4 39.6#

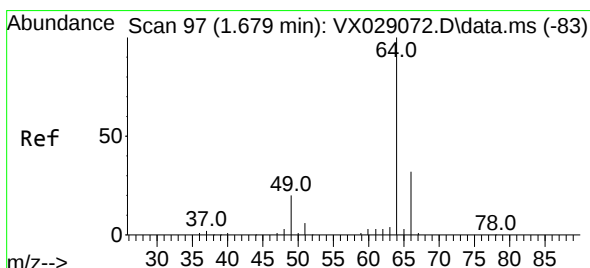
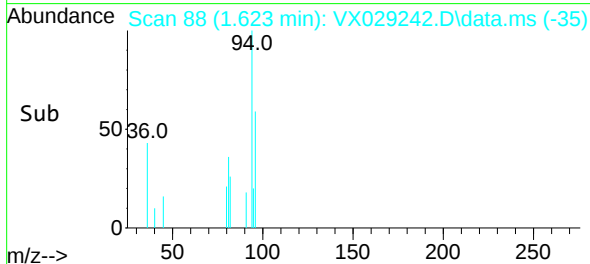
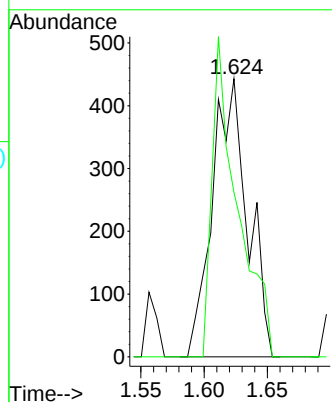
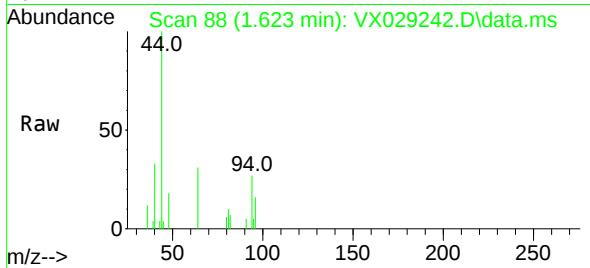




#5
Bromomethane
Concen: Below Cal
RT: 1.623 min Scan# 84
Delta R.T. 0.024 min
Lab File: VX029242.D
Acq: 06 Jun 2022 16:44

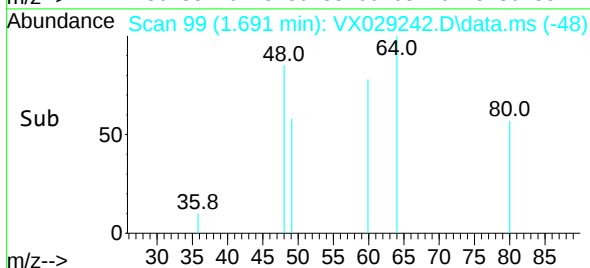
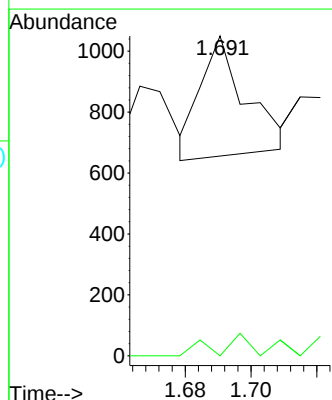
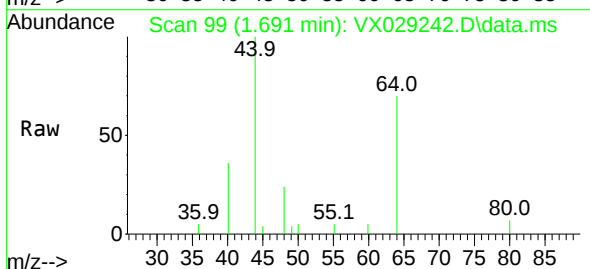
Instrument :
MSVOA_X
ClientSampleId :
MW-1

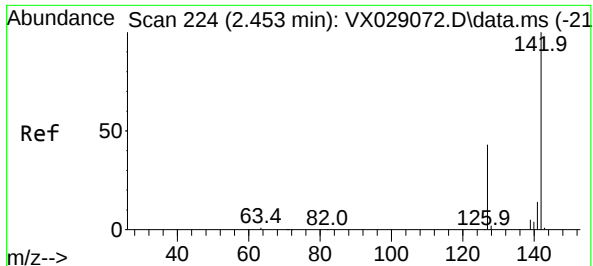
Tgt Ion: 94 Resp: 858
Ion Ratio Lower Upper
94 100
96 59.1 75.3 112.9#



#6
Chloroethane
Concen: 1.561 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX029242.D
Acq: 06 Jun 2022 16:44

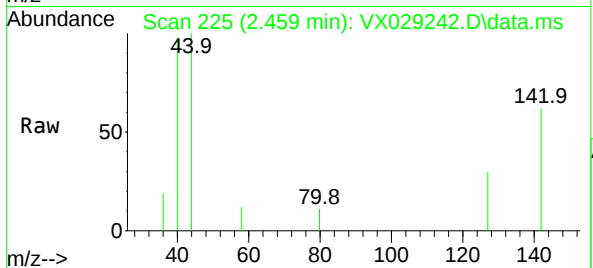
Tgt Ion: 64 Resp: 380
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



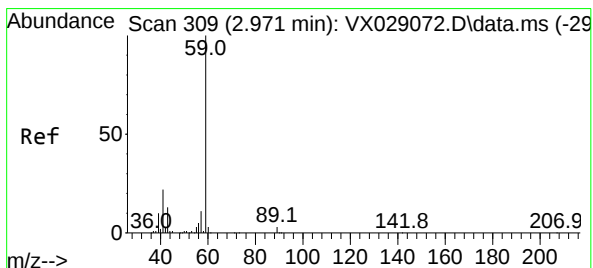
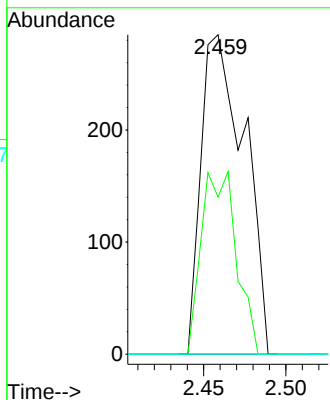
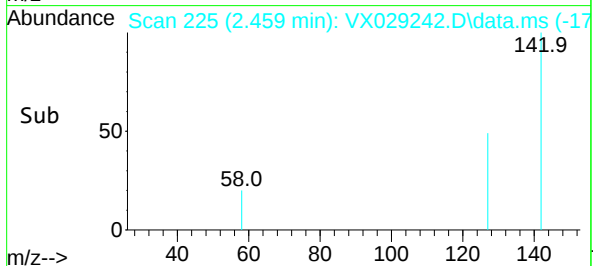


#10
Methyl Iodide
Concen: 4.384 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029242.D
Acq: 06 Jun 2022 16:44

Instrument :
MSVOA_X
ClientSampleId :
MW-1

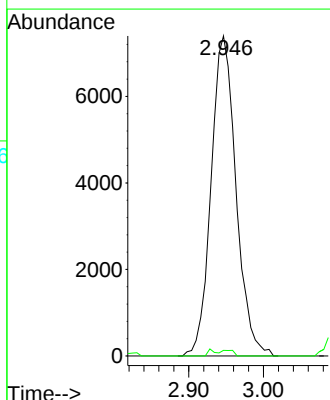
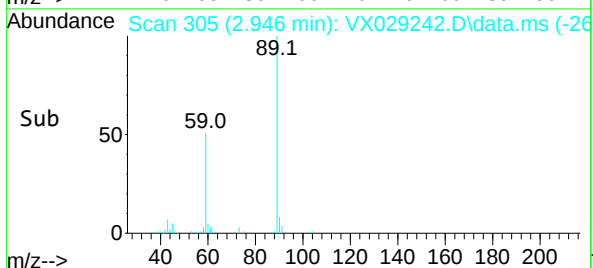
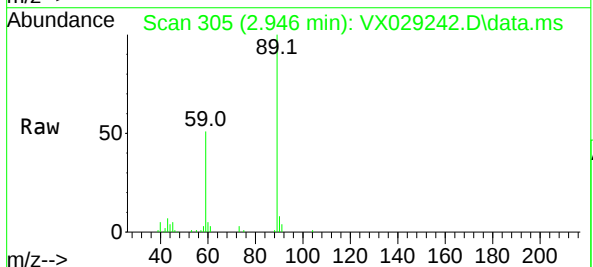


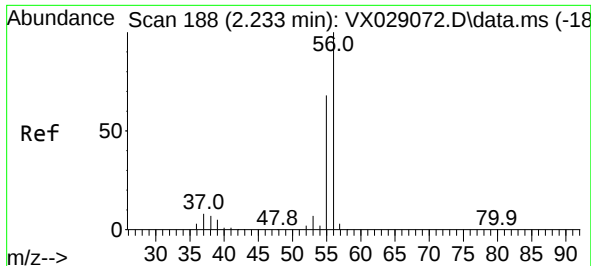
Tgt Ion:142 Resp: 523
Ion Ratio Lower Upper
142 100
127 46.1 33.9 50.9
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 24.304 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.025 min
Lab File: VX029242.D
Acq: 06 Jun 2022 16:44

Tgt Ion: 59 Resp: 17140
Ion Ratio Lower Upper
59 100
57 0.8 8.3 12.5#

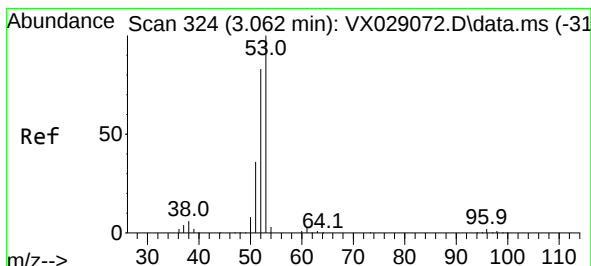
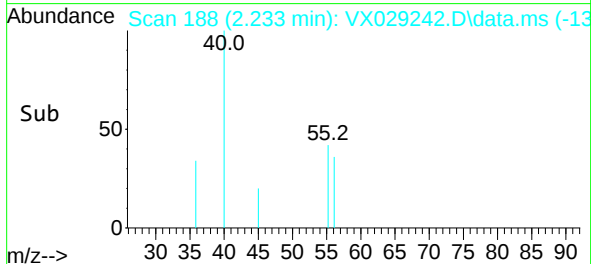
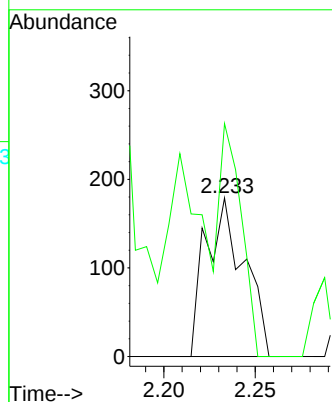
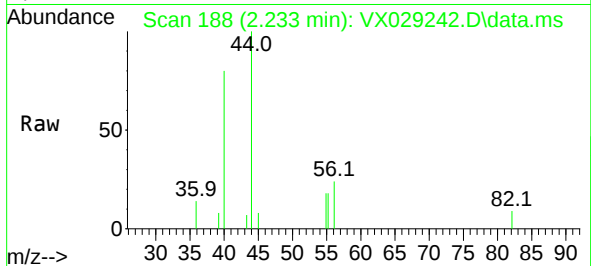




#13
Acrolein
Concen: 0.823 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029242.D
Acq: 06 Jun 2022 16:44

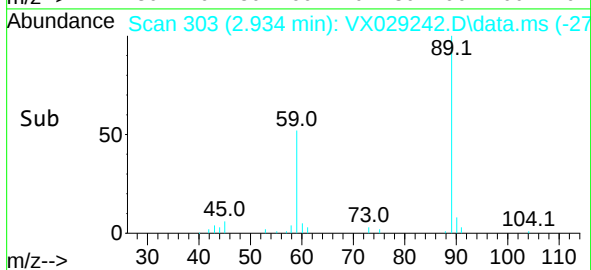
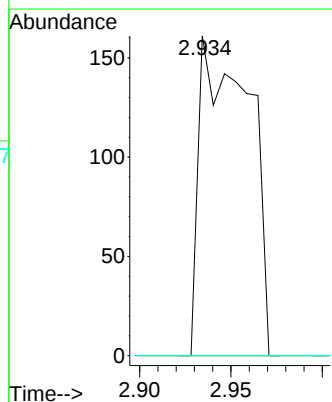
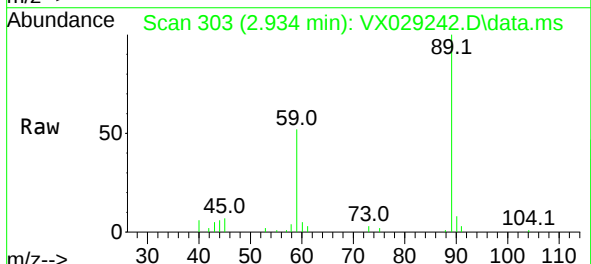
Instrument :
MSVOA_X
ClientSampleId :
MW-1

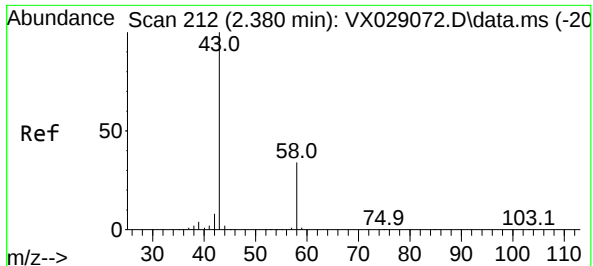
Tgt Ion: 56 Resp: 263
Ion Ratio Lower Upper
56 100
55 81.7 55.0 82.6



#15
Acrylonitrile
Concen: 0.209 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.128 min
Lab File: VX029242.D
Acq: 06 Jun 2022 16:44

Tgt Ion: 53 Resp: 304
Ion Ratio Lower Upper
53 100
52 0.0 65.7 98.5#
51 0.0 28.4 42.6#

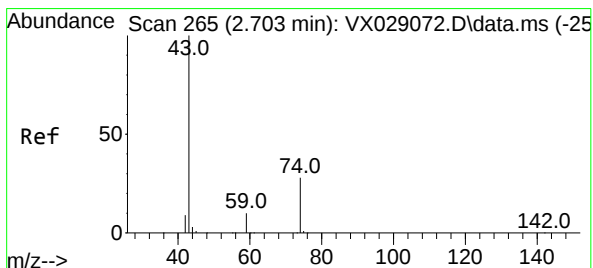
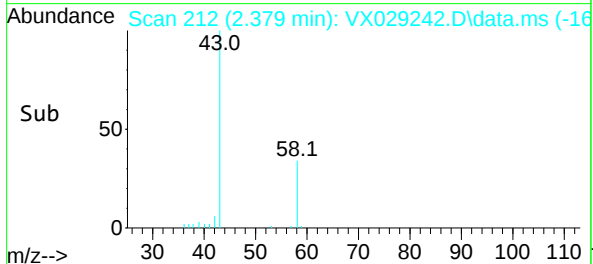
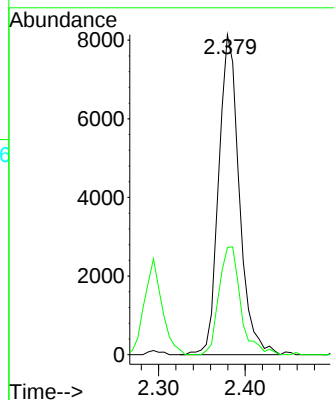
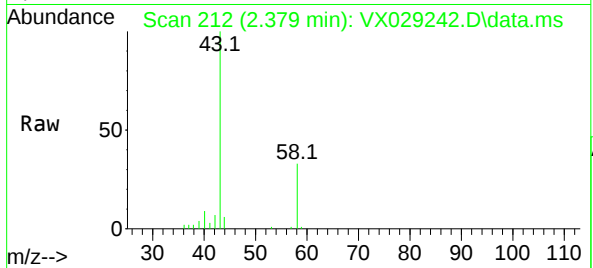




#16
Acetone
Concen: 11.223 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX029242.D
Acq: 06 Jun 2022 16:44

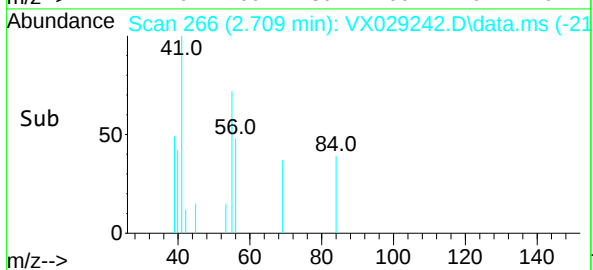
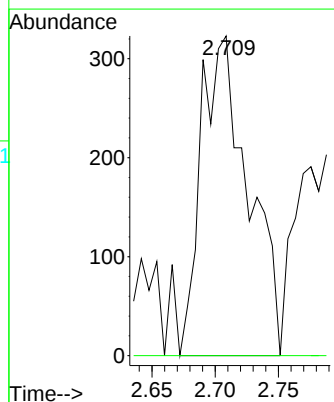
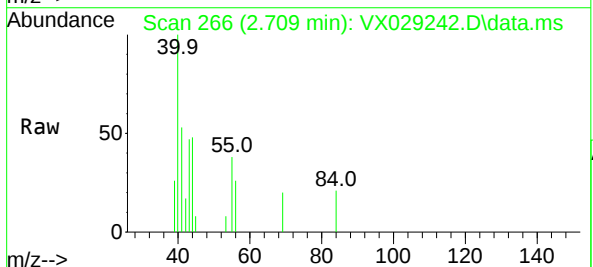
Instrument :
MSVOA_X
ClientSampleId :
MW-1

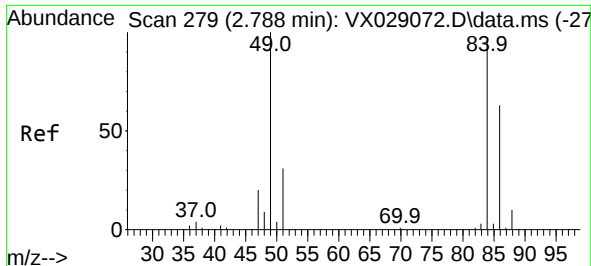
Tgt Ion: 43 Resp: 13454
Ion Ratio Lower Upper
43 100
58 33.5 28.8 43.2



#18
Methyl Acetate
Concen: 0.271 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX029242.D
Acq: 06 Jun 2022 16:44

Tgt Ion: 43 Resp: 839
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#

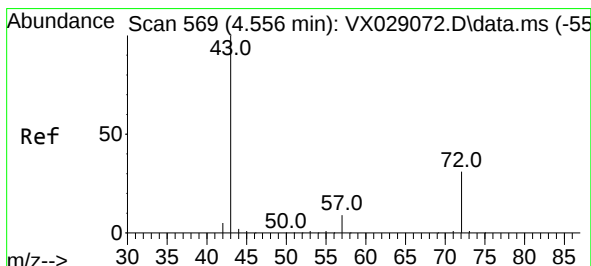
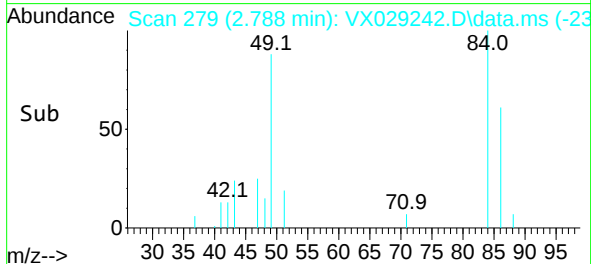
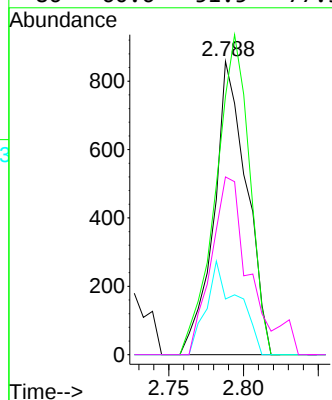
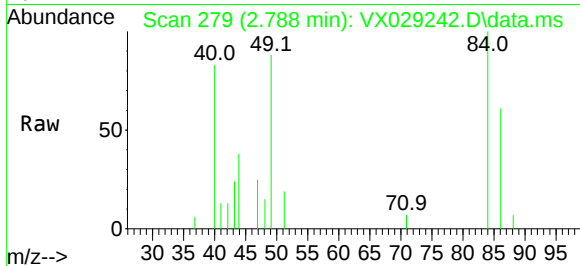




#20
Methylene Chloride
Concen: 0.467 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX029242.D
Acq: 06 Jun 2022 16:44

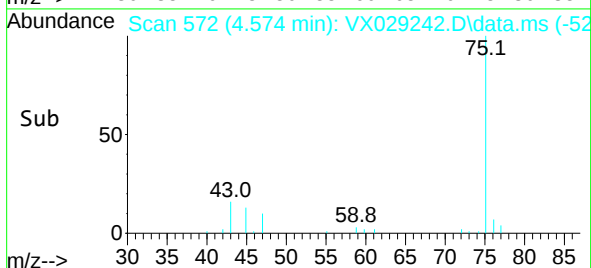
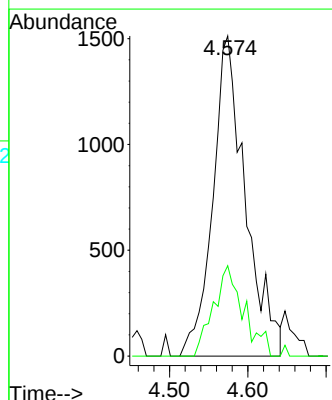
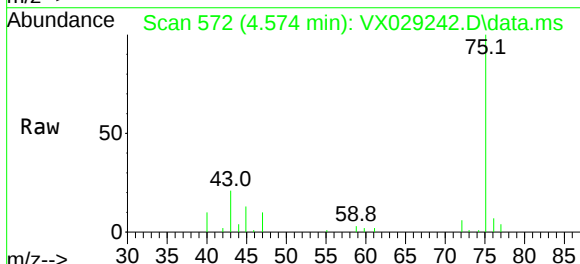
Instrument :
MSVOA_X
ClientSampleId :
MW-1

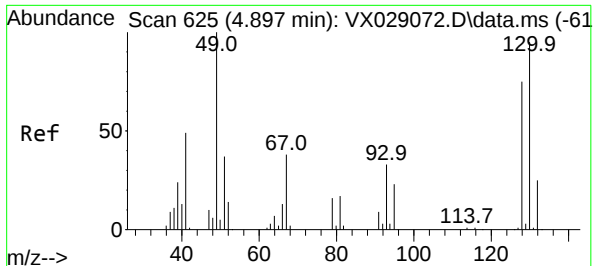
Tgt Ion:	84	Resp:	1306
Ion	Ratio	Lower	Upper
84	100		
49	88.1	85.5	128.3
51	19.0	26.6	39.8#
86	60.6	51.5	77.3



#25
2-Butanone
Concen: 2.265 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.018 min
Lab File: VX029242.D
Acq: 06 Jun 2022 16:44

Tgt Ion:	43	Resp:	4380
Ion	Ratio	Lower	Upper
43	100		
72	28.2	24.4	36.6

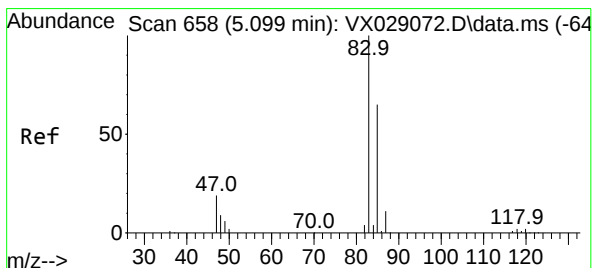
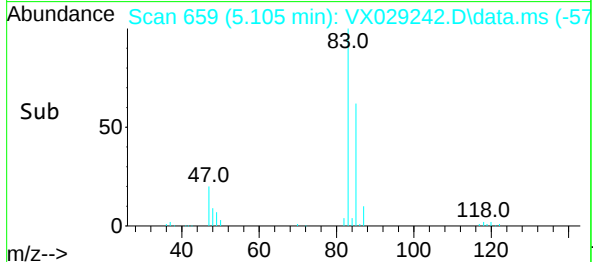
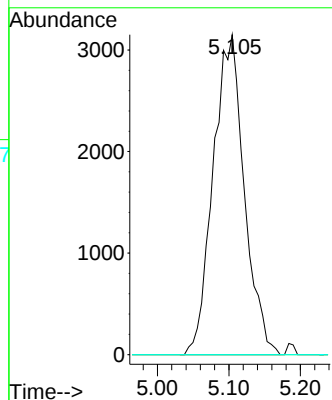
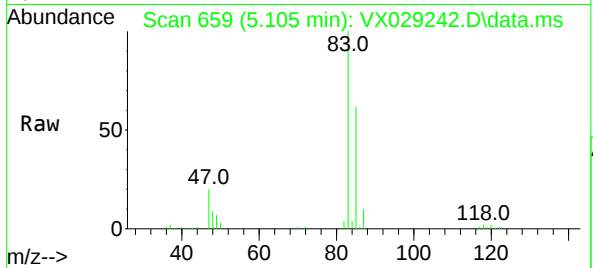




#28
Bromochloromethane
Concen: 5.244 ug/l
RT: 5.105 min Scan# 61
Delta R.T. 0.208 min
Lab File: VX029242.D
Acq: 06 Jun 2022 16:44

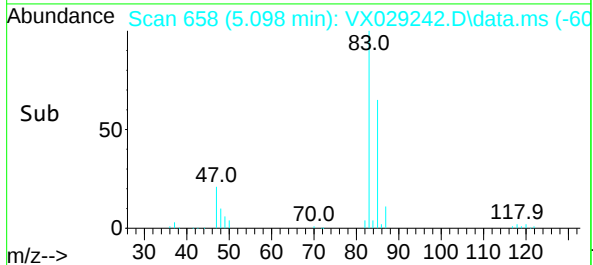
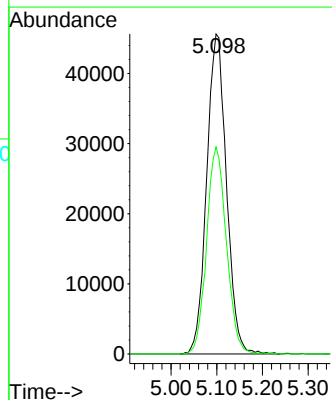
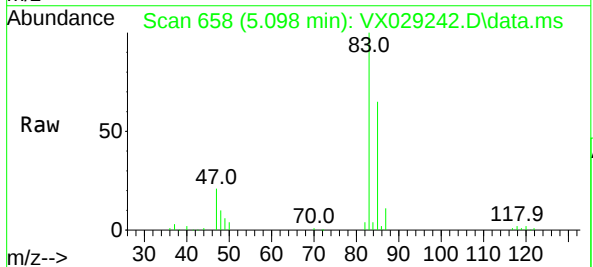
Instrument :
MSVOA_X
ClientSampleId :
MW-1

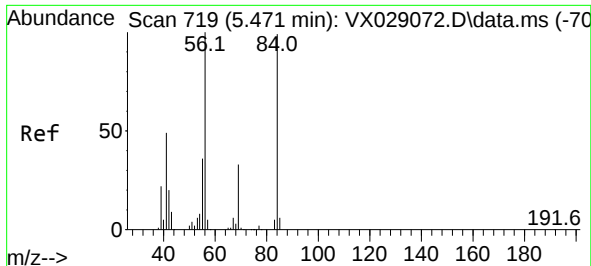
Tgt Ion: 49 Resp: 9542
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.4
130 0.0 70.7 106.1#



#30
Chloroform
Concen: 27.372 ug/l
RT: 5.098 min Scan# 658
Delta R.T. -0.001 min
Lab File: VX029242.D
Acq: 06 Jun 2022 16:44

Tgt Ion: 83 Resp: 137224
Ion Ratio Lower Upper
83 100
85 64.6 52.7 79.1

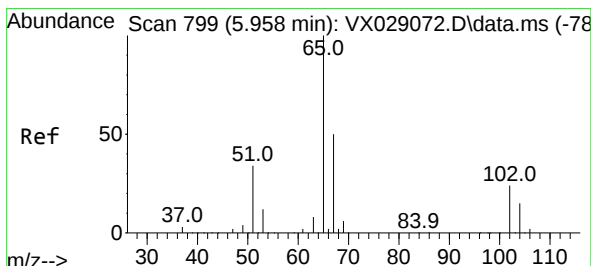
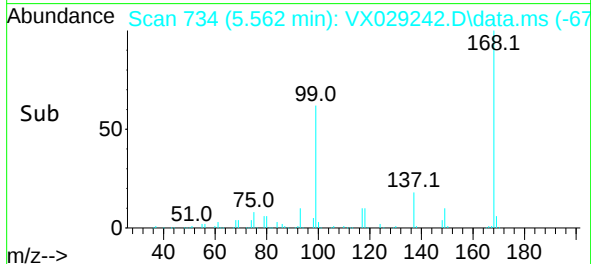
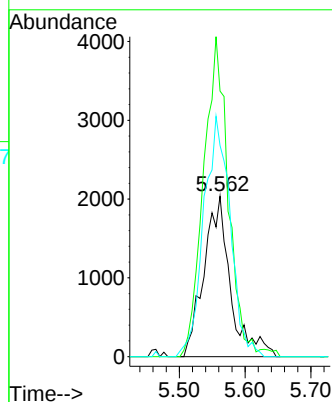
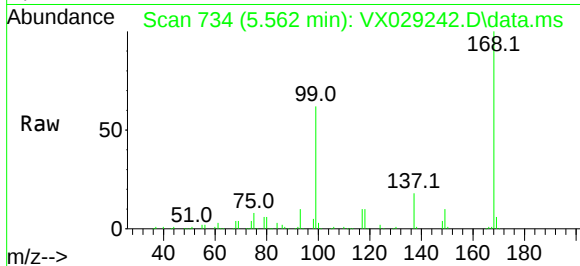




#31
Cyclohexane
Concen: 1.442 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.091 min
Lab File: VX029242.D
Acq: 06 Jun 2022 16:44

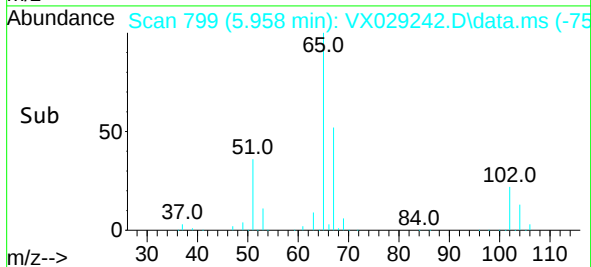
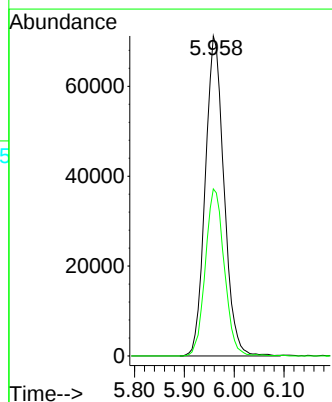
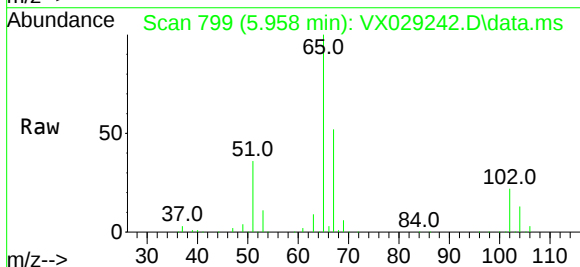
Instrument :
MSVOA_X
ClientSampleId :
MW-1

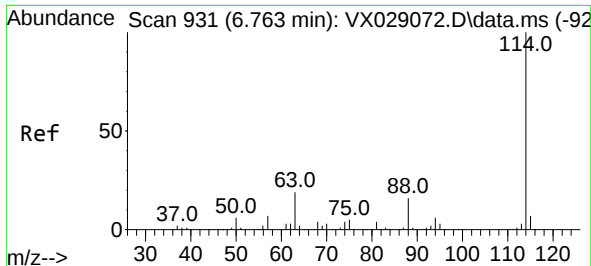
Tgt Ion: 56 Resp: 5708
Ion Ratio Lower Upper
56 100
69 165.6 26.7 40.1#
84 131.7 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 61.101 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029242.D
Acq: 06 Jun 2022 16:44

Tgt Ion: 65 Resp: 186008
Ion Ratio Lower Upper
65 100
67 52.5 0.0 107.4

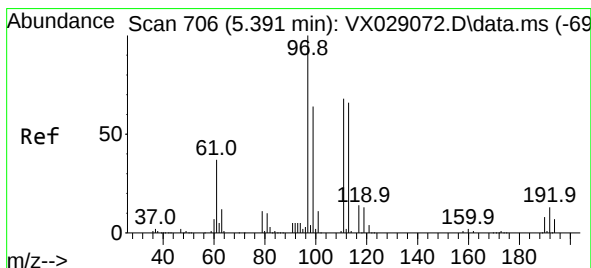
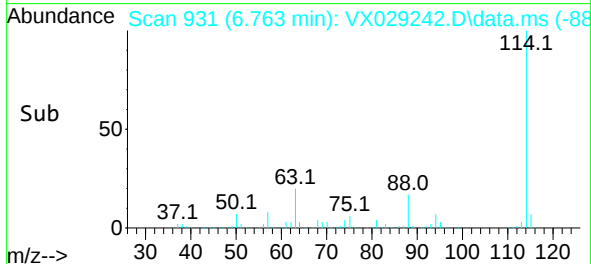
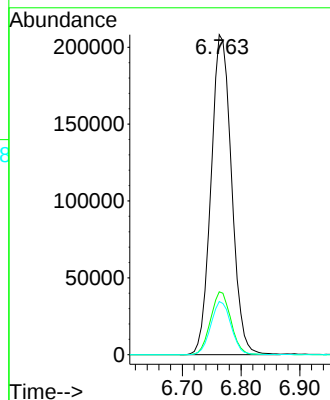
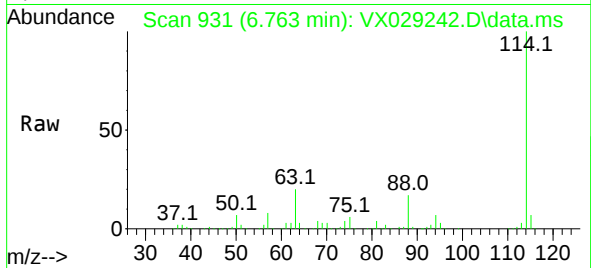




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029242.D
Acq: 06 Jun 2022 16:44

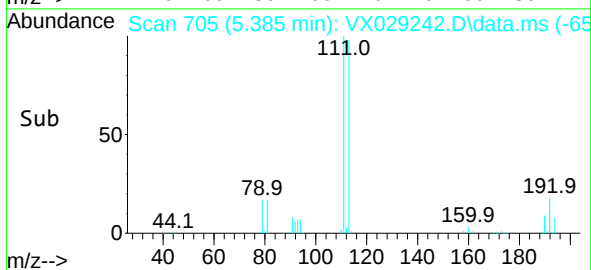
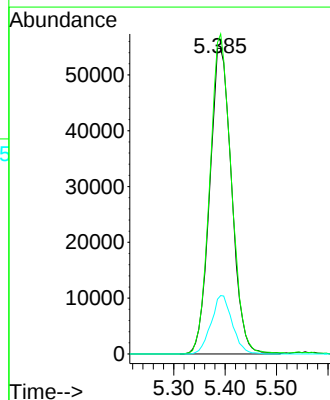
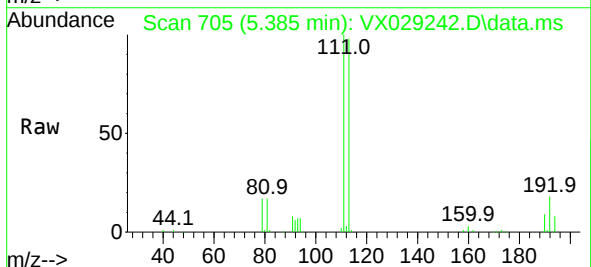
Instrument :
MSVOA_X
ClientSampleId :
MW-1

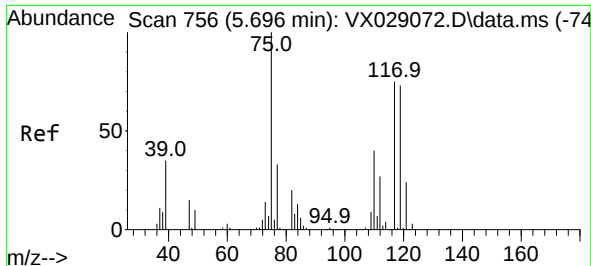
Tgt Ion:114 Resp: 504882
Ion Ratio Lower Upper
114 100
63 19.7 0.0 36.8
88 16.6 0.0 32.4



#35
Dibromofluoromethane
Concen: 48.330 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX029242.D
Acq: 06 Jun 2022 16:44

Tgt Ion:113 Resp: 162075
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 18.4 16.9 25.3

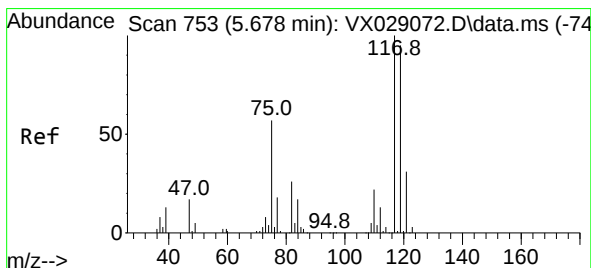
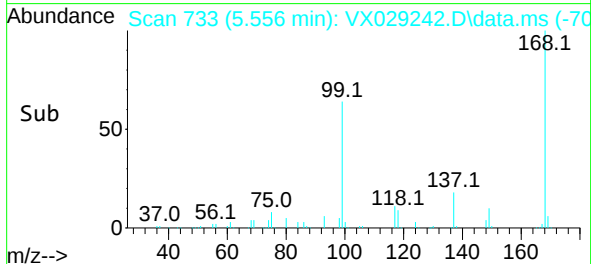
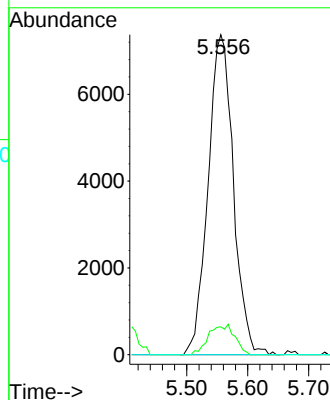
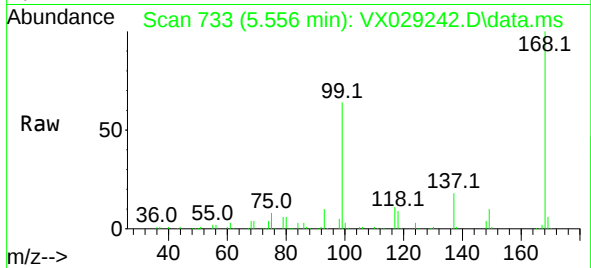




#36
1,1-Dichloropropene
Concen: 4.929 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX029242.D
Acq: 06 Jun 2022 16:44

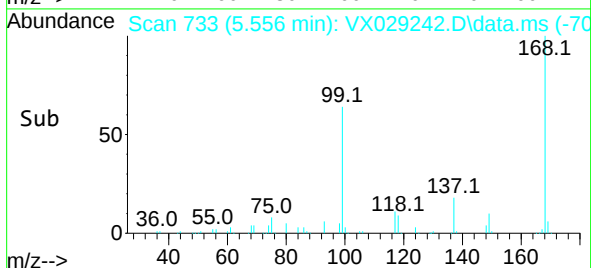
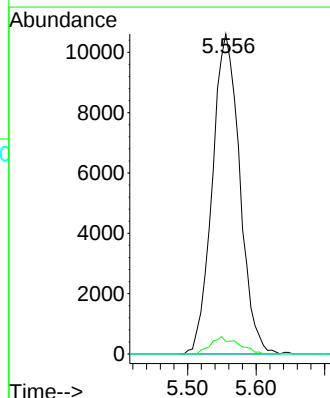
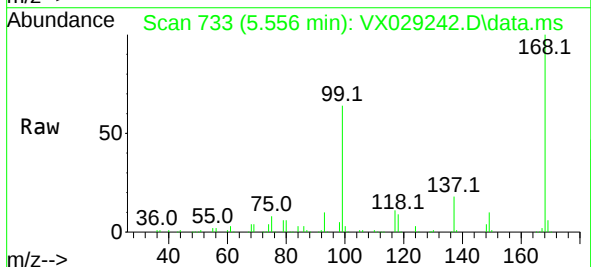
Instrument :
MSVOA_X
ClientSampleId :
MW-1

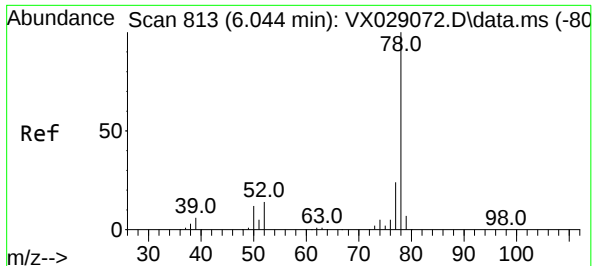
Tgt Ion: 75 Resp: 21270
Ion Ratio Lower Upper
75 100
110 9.7 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.972 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX029242.D
Acq: 06 Jun 2022 16:44

Tgt Ion: 117 Resp: 29449
Ion Ratio Lower Upper
117 100
119 4.0 77.3 115.9#
121 0.0 24.2 36.2#





#40

Benzene

Concen: 0.424 ug/l

RT: 6.050 min Scan# 813

Delta R.T. 0.006 min

Lab File: VX029242.D

Acq: 06 Jun 2022 16:44

Instrument :

MSVOA_X

ClientSampleId :

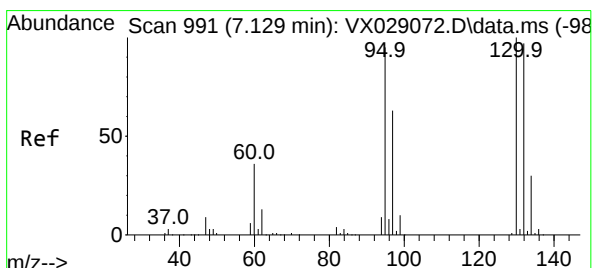
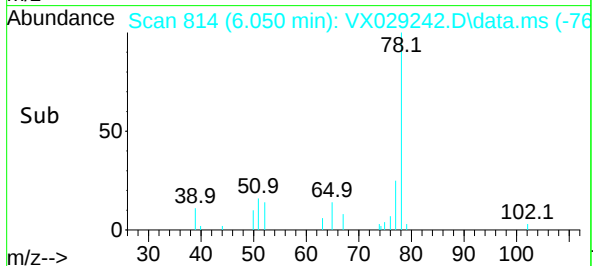
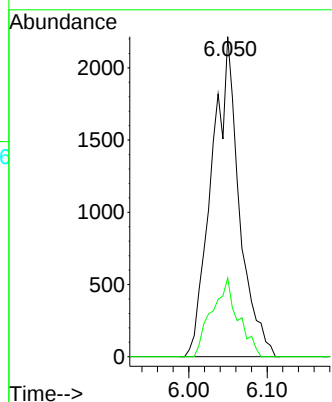
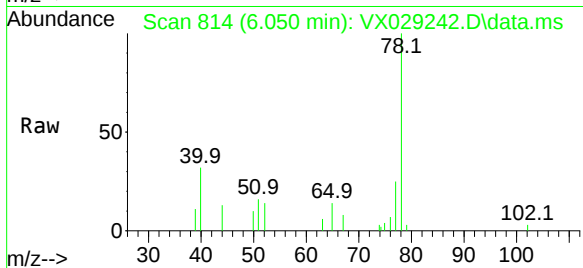
MW-1

Tgt Ion: 78 Resp: 5424

Ion Ratio Lower Upper

78 100

77 24.6 19.3 28.9



#44

Trichloroethene

Concen: Below Cal

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX029242.D

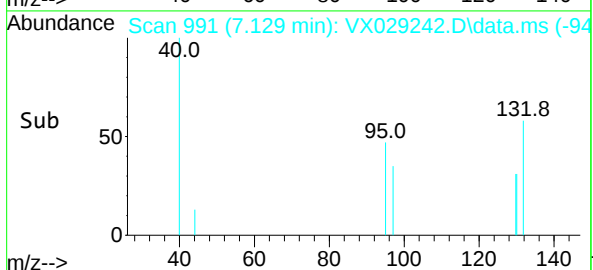
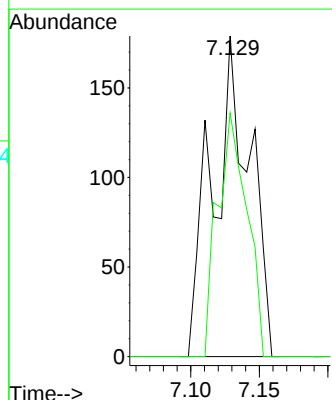
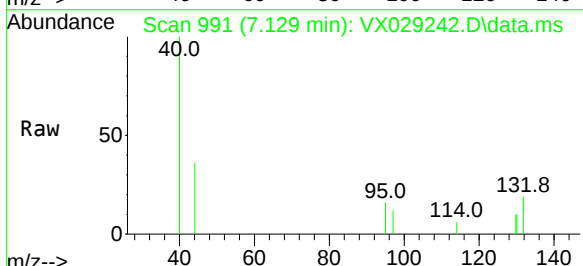
Acq: 06 Jun 2022 16:44

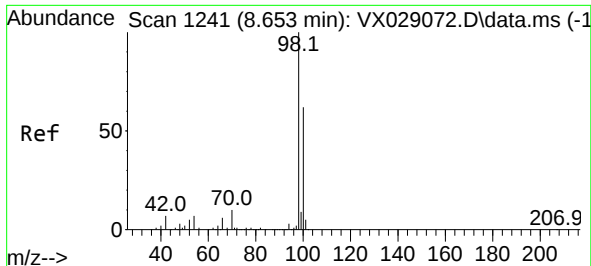
Tgt Ion:130 Resp: 337

Ion Ratio Lower Upper

130 100

95 76.0 0.0 188.8

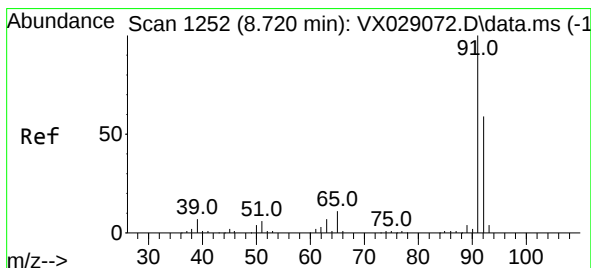
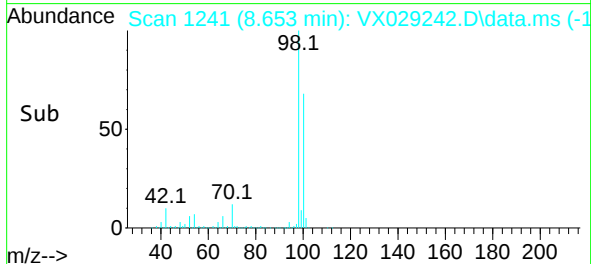
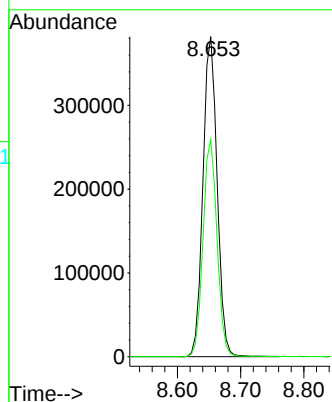
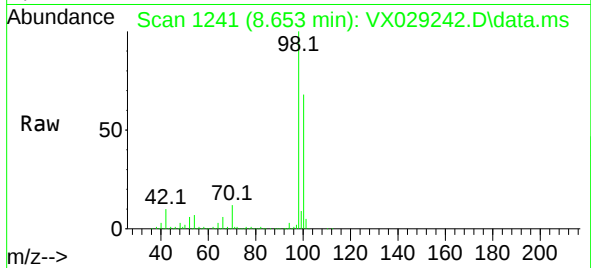




#50
Toluene-d8
Concen: 48.652 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029242.D
Acq: 06 Jun 2022 16:44

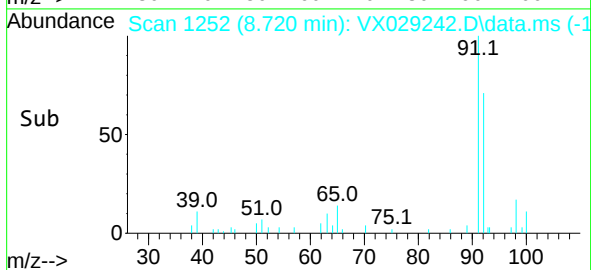
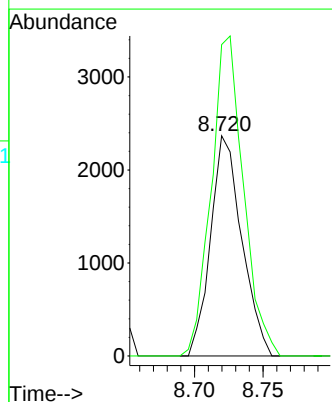
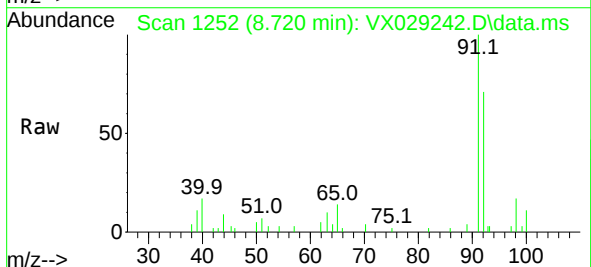
Instrument :
MSVOA_X
ClientSampleId :
MW-1

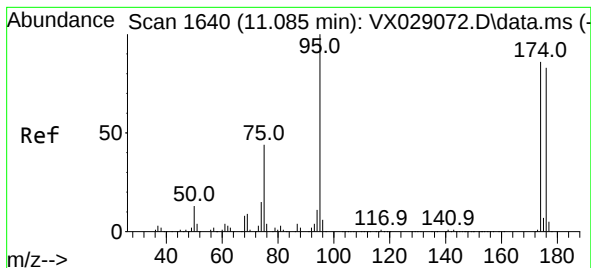
Tgt Ion: 98 Resp: 596731
Ion Ratio Lower Upper
98 100
100 67.0 52.6 78.8



#52
Toluene
Concen: 0.439 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX029242.D
Acq: 06 Jun 2022 16:44

Tgt Ion: 92 Resp: 3745
Ion Ratio Lower Upper
92 100
91 150.4 137.5 206.3

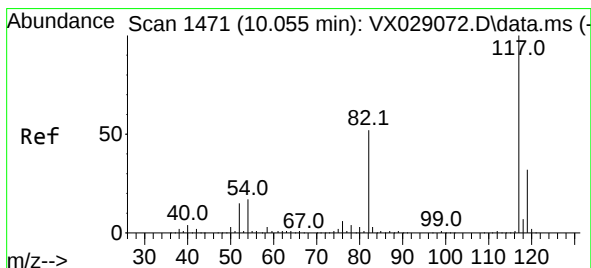
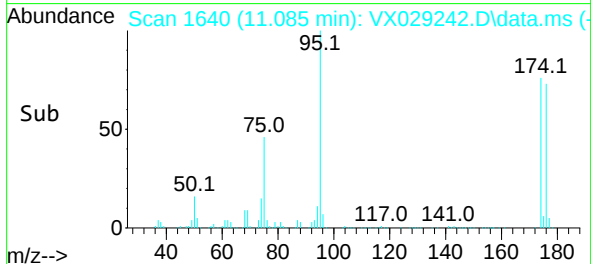
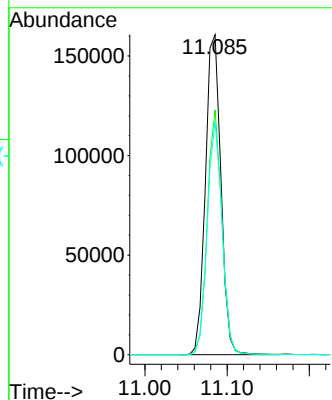
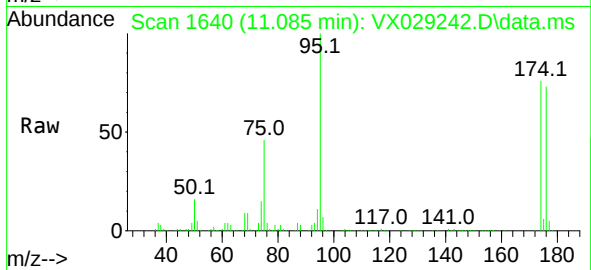




#62
4-Bromofluorobenzene
Concen: 44.293 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX029242.D
Acq: 06 Jun 2022 16:44

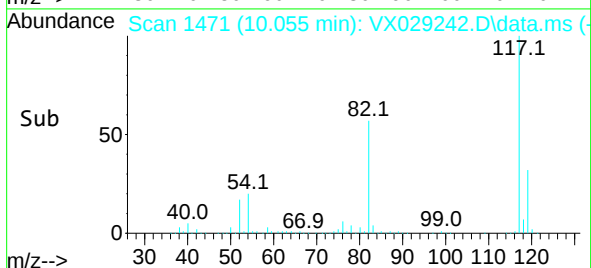
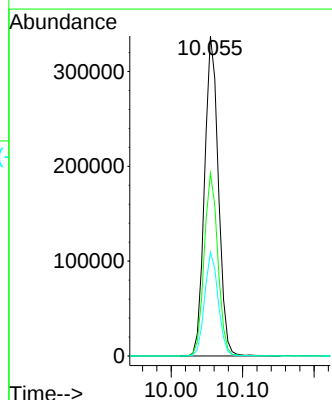
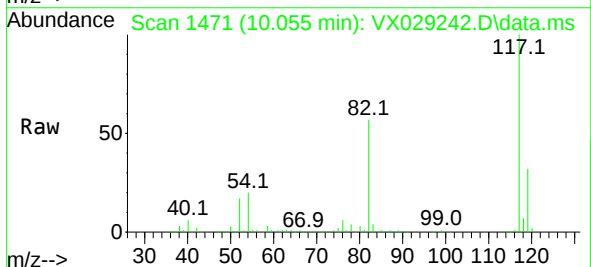
Instrument :
MSVOA_X
ClientSampleId :
MW-1

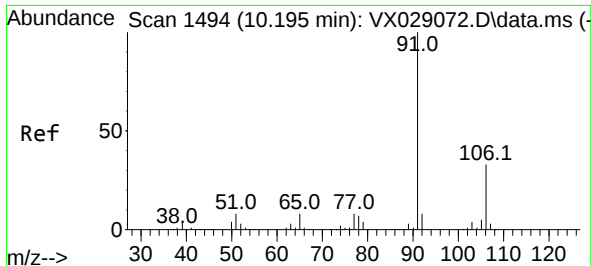
Tgt Ion: 95 Resp: 210003
Ion Ratio Lower Upper
95 100
174 72.6 0.0 163.0
176 69.9 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029242.D
Acq: 06 Jun 2022 16:44

Tgt Ion: 117 Resp: 453860
Ion Ratio Lower Upper
117 100
82 57.1 41.8 62.8
119 32.4 24.8 37.2





#67

Ethyl Benzene

Concen: 0.217 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX029242.D

Acq: 06 Jun 2022 16:44

Instrument :

MSVOA_X

ClientSampleId :

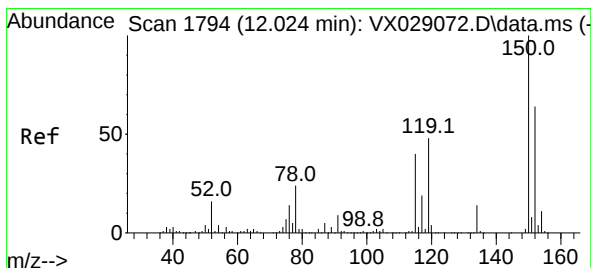
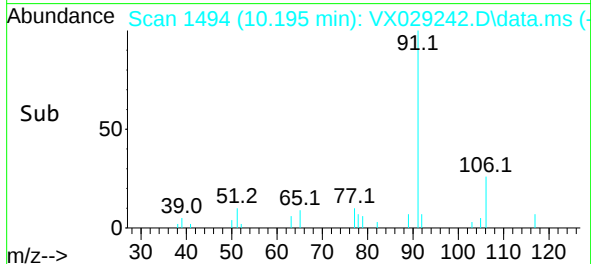
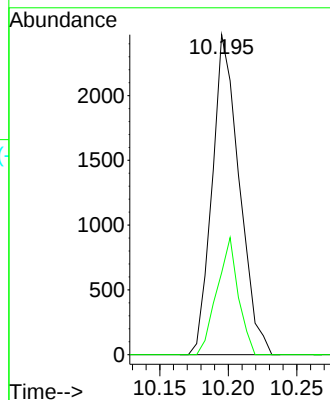
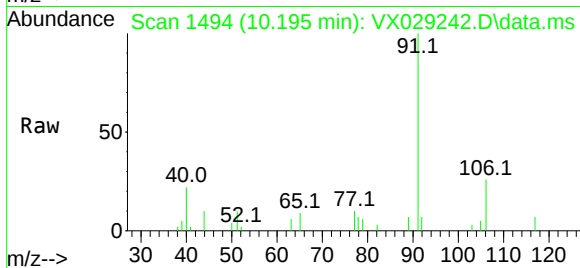
MW-1

Tgt Ion: 91 Resp: 3399

Ion Ratio Lower Upper

91 100

106 25.6 24.6 36.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX029242.D

Acq: 06 Jun 2022 16:44

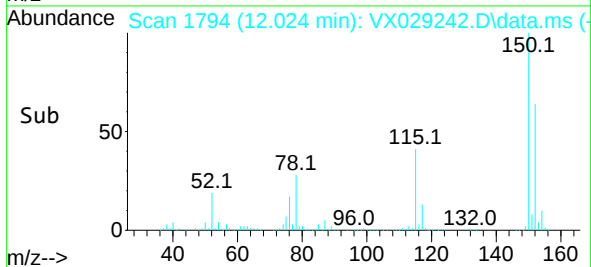
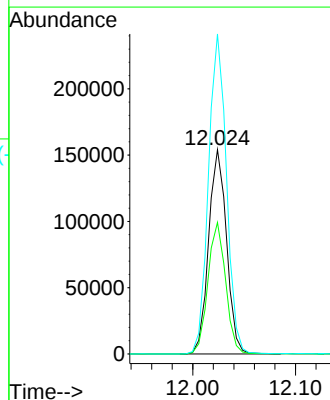
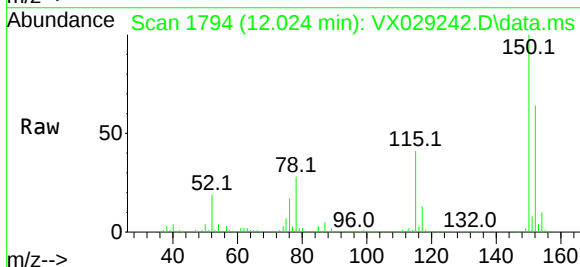
Tgt Ion: 152 Resp: 186943

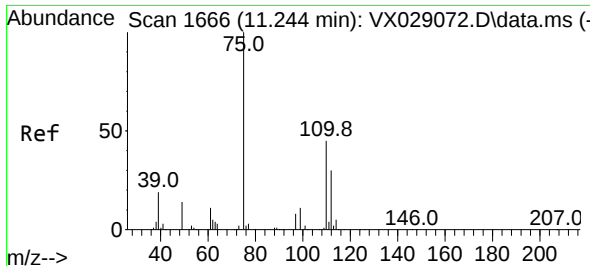
Ion Ratio Lower Upper

152 100

115 63.7 37.5 112.7

150 157.1 0.0 338.2

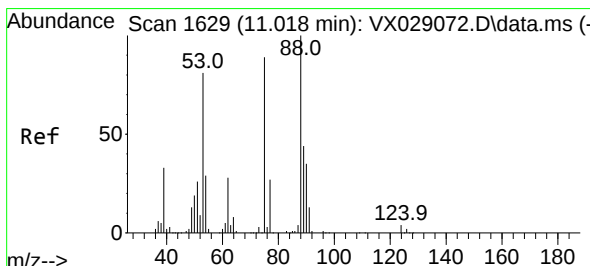
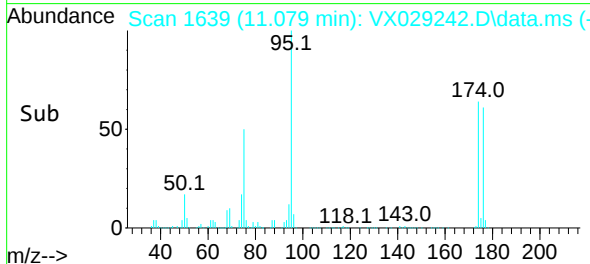
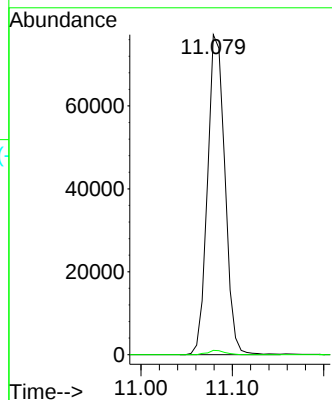
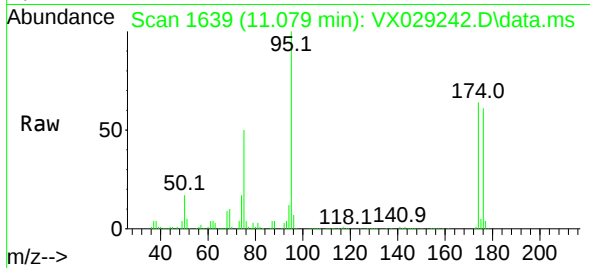




#76
1,2,3-Trichloropropane
Concen: 26.876 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029242.D
Acq: 06 Jun 2022 16:44

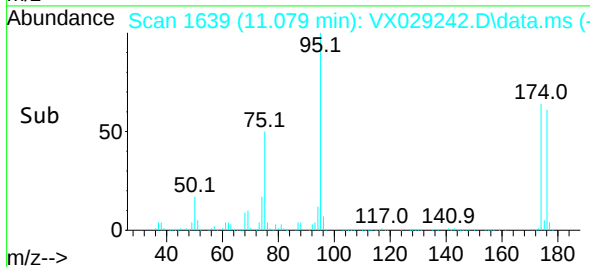
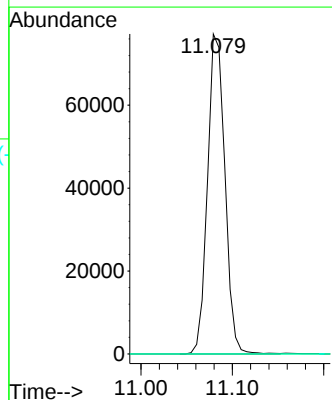
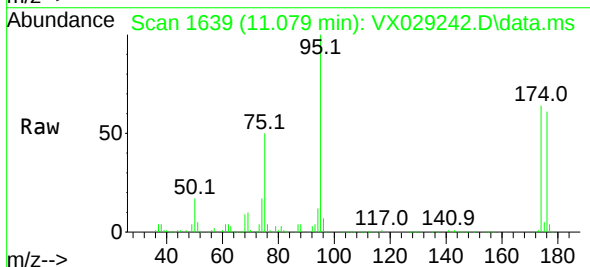
Instrument :
MSVOA_X
ClientSampleId :
MW-1

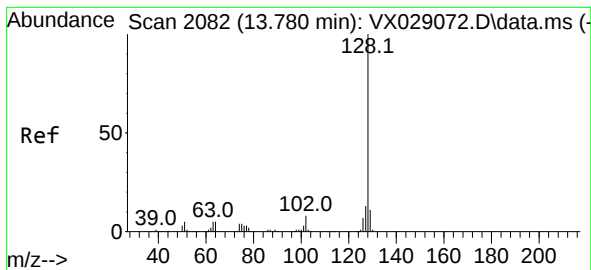
Tgt Ion: 75 Resp: 101850
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.848 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029242.D
Acq: 06 Jun 2022 16:44

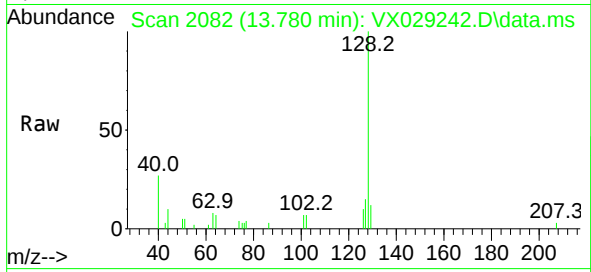
Tgt Ion: 75 Resp: 101850
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#95
Naphthalene
Concen: 0.258 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX029242.D
Acq: 06 Jun 2022 16:44

Instrument :
MSVOA_X
ClientSampleId :
MW-1



Tgt Ion:128 Resp: 3196
Ion Ratio Lower Upper
128 100
127 12.1 10.2 15.4
129 15.0 8.7 13.1#

