

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052722\
 Data File : VX029038.D
 Acq On : 27 May 2022 20:40
 Operator : JC/MD
 Sample : N3087-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-01A

Quant Time: May 27 22:12:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

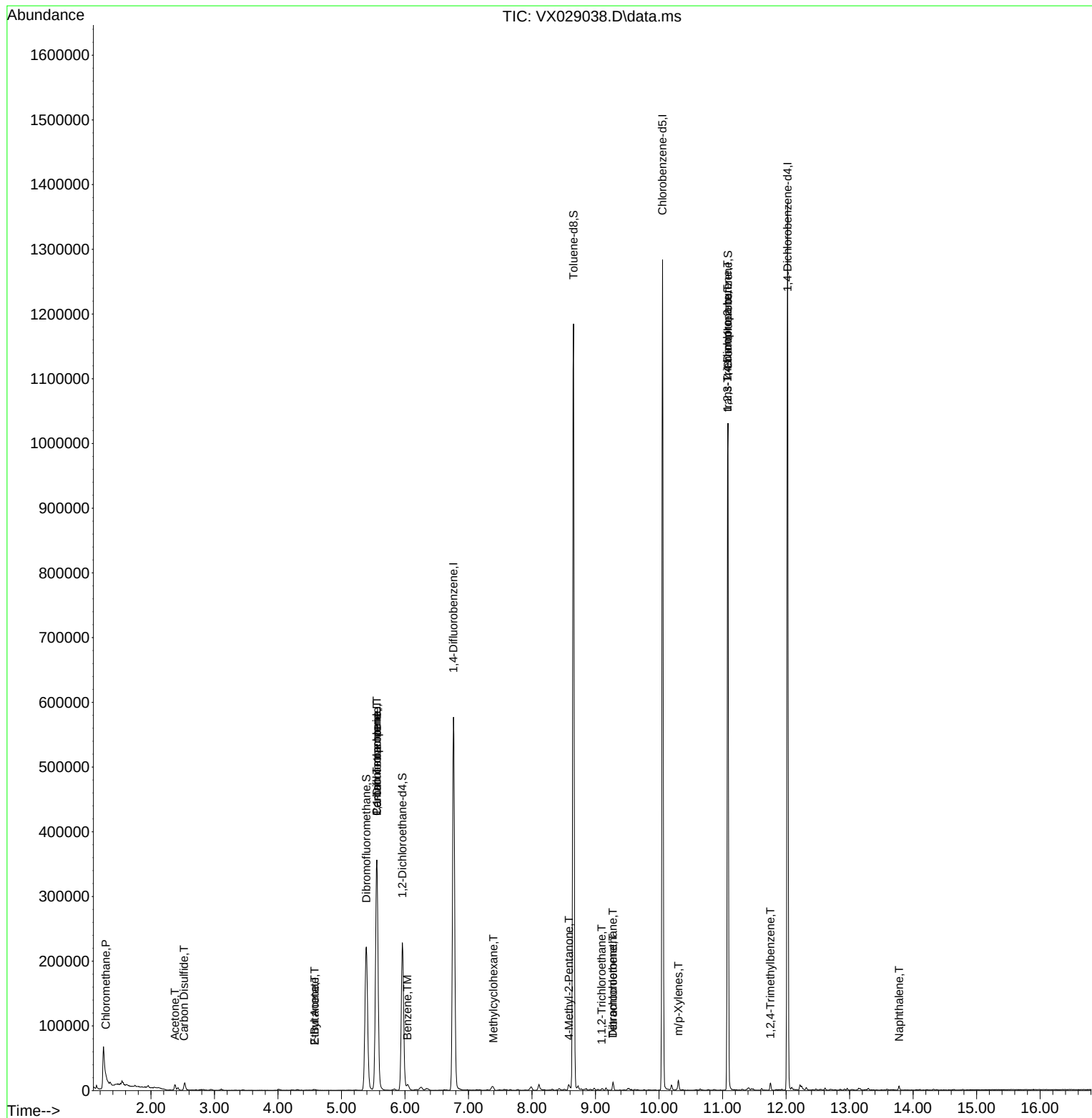
Internal Standards						
1) Pentafluorobenzene	5.556	168	347626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	611821	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	592775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	281842	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	220964	46.371	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.740%		
35) Dibromofluoromethane	5.391	113	200345	49.979	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.960%		
50) Toluene-d8	8.653	98	721237	47.723	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.440%		
62) 4-Bromofluorobenzene	11.085	95	291760	51.686	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.380%		
Target Compounds						Qvalue
3) Chloromethane	1.288	50	915	0.213	ug/l	89
5) Bromomethane	1.611	94	794	Below Cal	#	80
6) Chloroethane	1.776	64	1241	Below Cal	#	47
11) Tert butyl alcohol	2.953	59	1028	Below Cal	#	72
16) Acetone	2.380	43	9599	4.694	ug/l	97
17) Carbon Disulfide	2.520	76	2834	0.304	ug/l	# 87
25) 2-Butanone	4.574	43	2530	0.788	ug/l	93
36) 1,1-Dichloropropene	5.556	75	26046	4.326	ug/l	# 50
37) Ethyl Acetate	4.574	43	2530	0.402	ug/l	# 65
38) Carbon Tetrachloride	5.556	117	34389	5.676	ug/l	# 15
39) Methylcyclohexane	7.391	83	2760	0.400	ug/l	# 85
40) Benzene	6.037	78	9729	0.562	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	5402	0.834	ug/l	95
55) 1,1,2-Trichloroethane	9.098	97	1014	0.223	ug/l	# 16
60) Dibromochloromethane	9.275	129	2046	0.462	ug/l	# 9
64) Tetrachloroethene	9.275	164	2189	0.489	ug/l	93
68) m/p-Xylenes	10.305	106	3686	0.420	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	141028	21.366	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	141028	62.677	ug/l	# 15
84) 1,2,4-Trimethylbenzene	11.756	105	4991	0.279	ug/l	99
95) Naphthalene	13.780	128	4395	0.219	ug/l	# 97

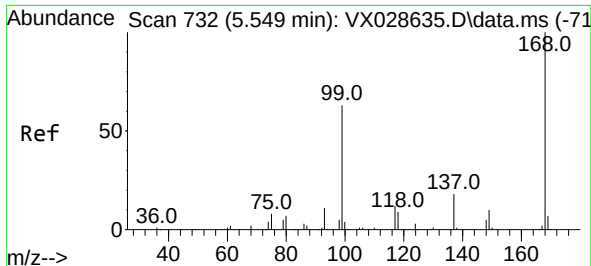
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

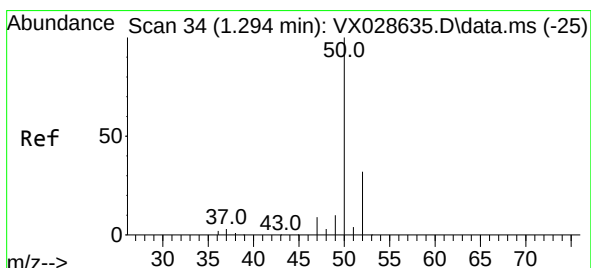
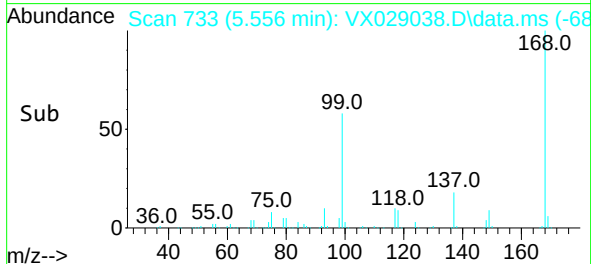
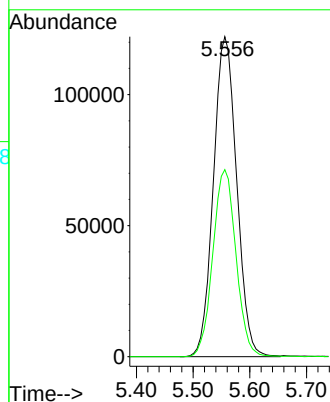
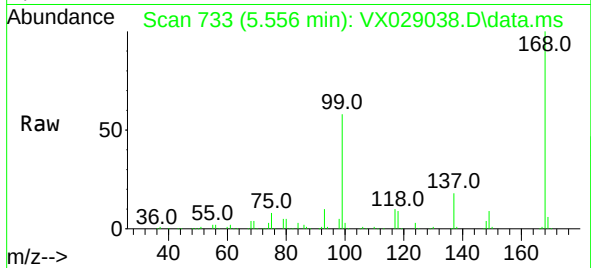




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX029038.D
Acq: 27 May 2022 20:40

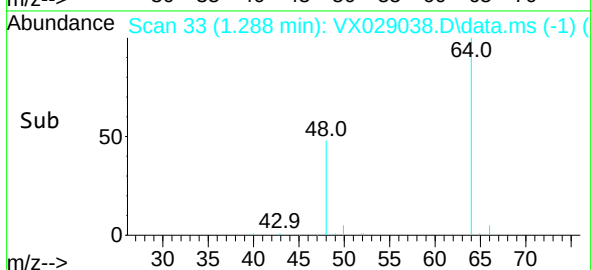
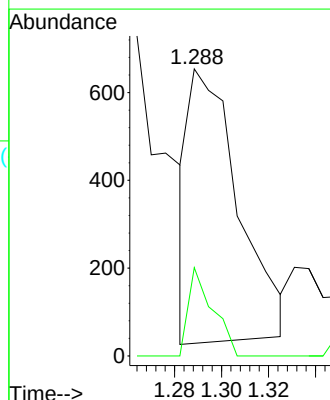
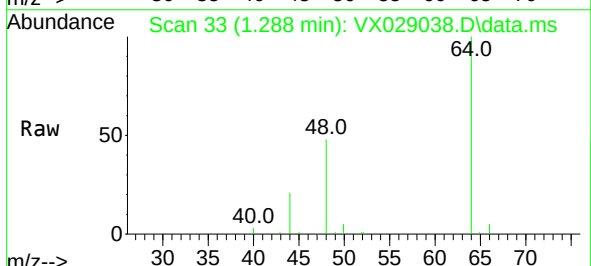
Instrument :
MSVOA_X
ClientSampleId :
MW-01A

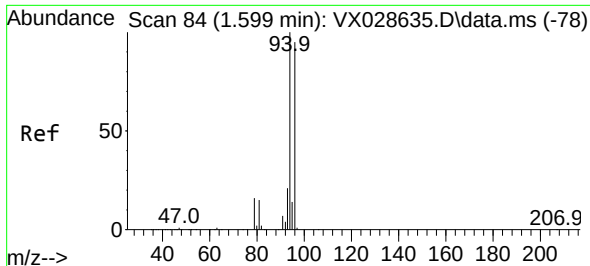
Tgt Ion:168 Resp: 347626
Ion Ratio Lower Upper
168 100
99 58.5 41.7 62.5



#3
Chloromethane
Concen: 0.213 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX029038.D
Acq: 27 May 2022 20:40

Tgt Ion: 50 Resp: 915
Ion Ratio Lower Upper
50 100
52 39.1 26.4 39.6

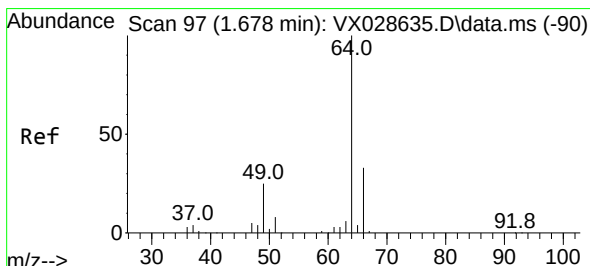
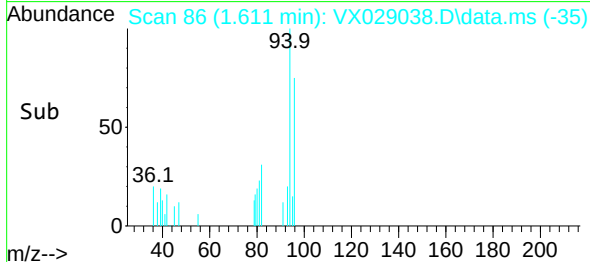
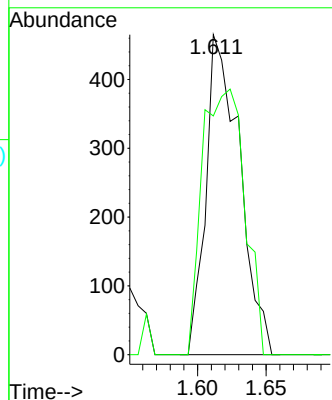
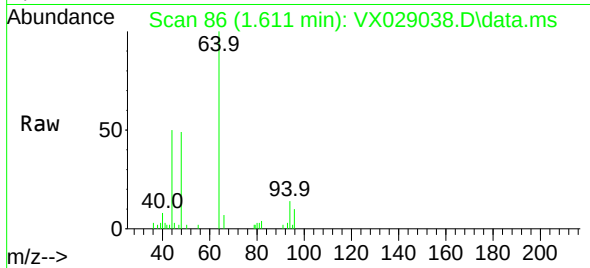




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX029038.D
Acq: 27 May 2022 20:40

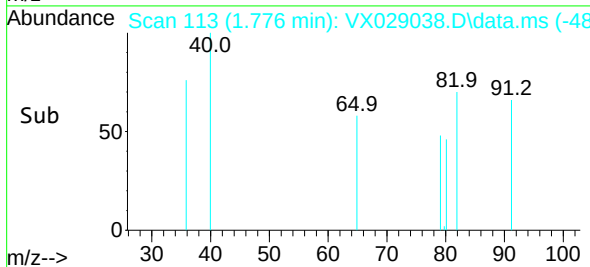
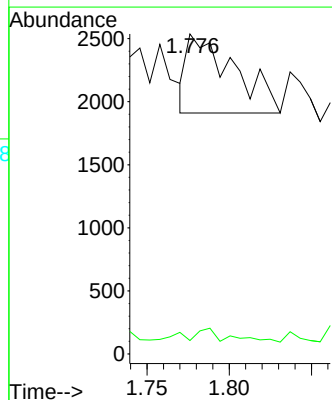
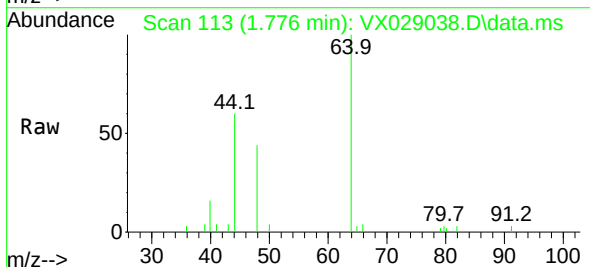
Instrument :
MSVOA_X
ClientSampleId :
MW-01A

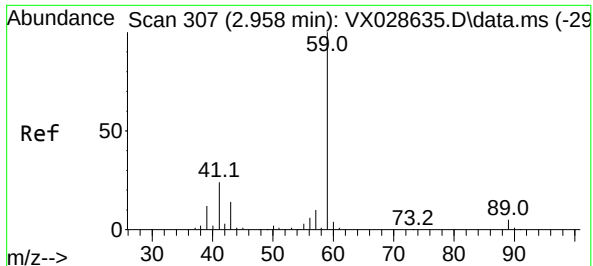
Tgt Ion: 94 Resp: 794
Ion Ratio Lower Upper
94 100
96 74.6 75.3 112.9#



#6
Chloroethane
Concen: Below Cal
RT: 1.776 min Scan# 113
Delta R.T. 0.098 min
Lab File: VX029038.D
Acq: 27 May 2022 20:40

Tgt Ion: 64 Resp: 1241
Ion Ratio Lower Upper
64 100
66 2.1 25.3 37.9#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.953 min Scan# 307

Delta R.T. -0.005 min

Lab File: VX029038.D

Acq: 27 May 2022 20:40

Instrument :

MSVOA_X

ClientSampleId :

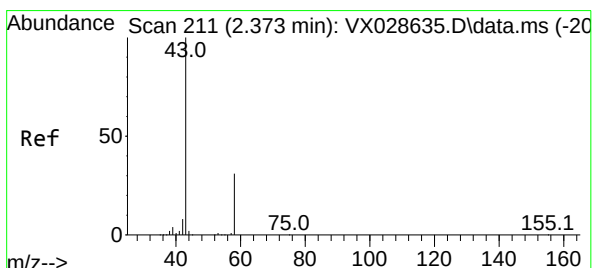
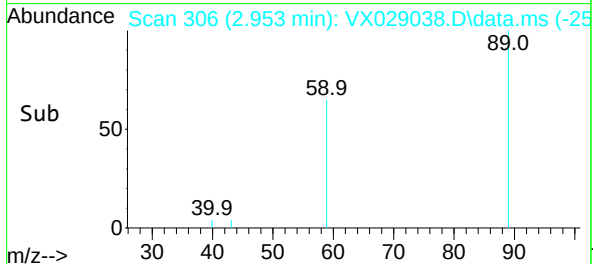
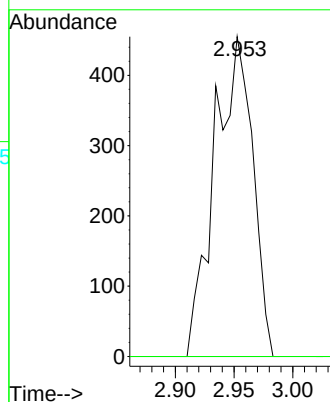
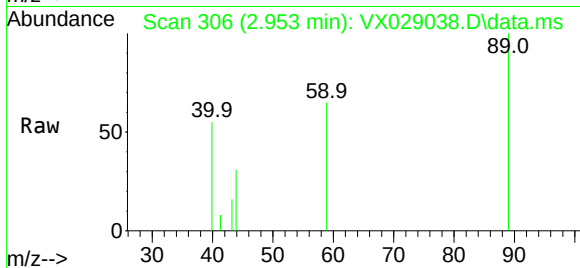
MW-01A

Tgt Ion: 59 Resp: 1028

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 4.694 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.007 min

Lab File: VX029038.D

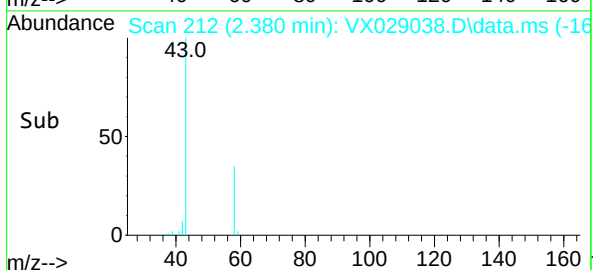
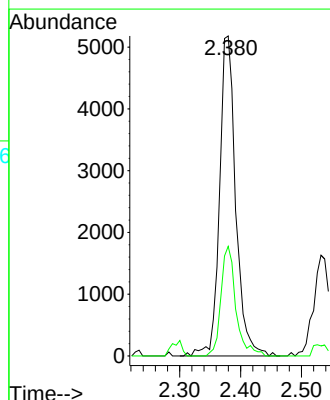
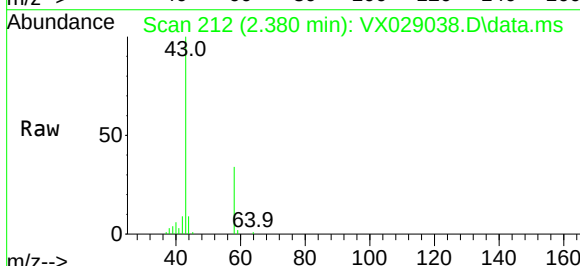
Acq: 27 May 2022 20:40

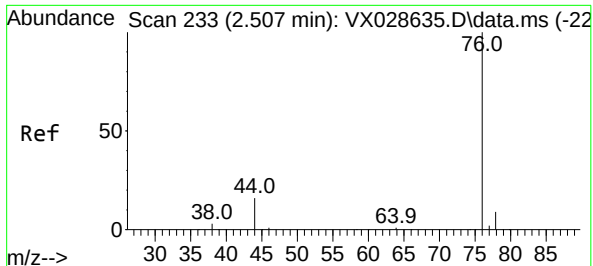
Tgt Ion: 43 Resp: 9599

Ion Ratio Lower Upper

43 100

58 34.3 28.8 43.2

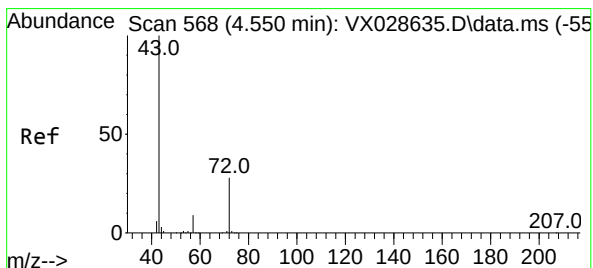
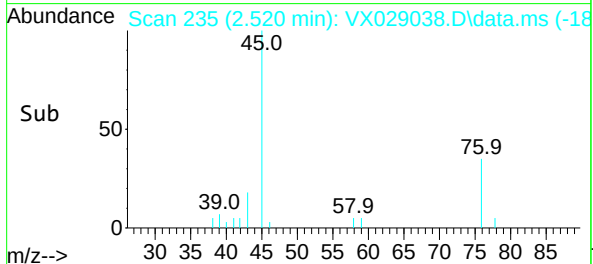
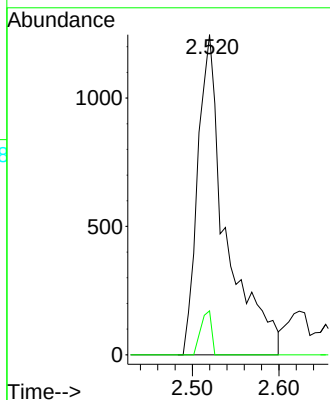
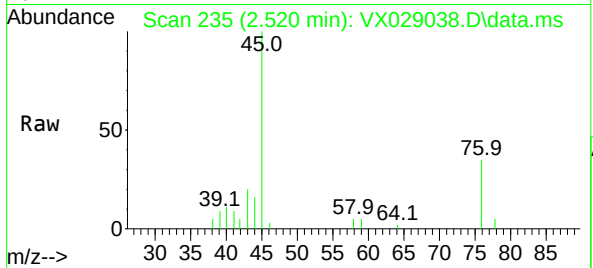




#17
Carbon Disulfide
Concen: 0.304 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.013 min
Lab File: VX029038.D
Acq: 27 May 2022 20:40

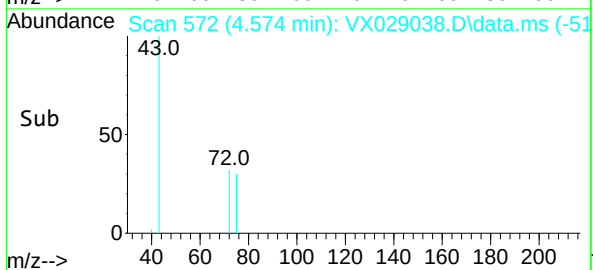
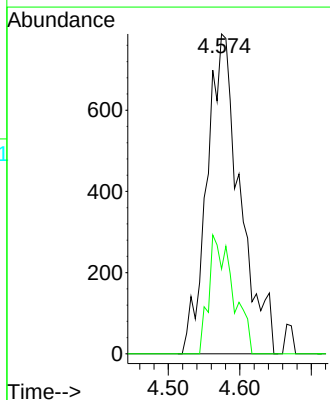
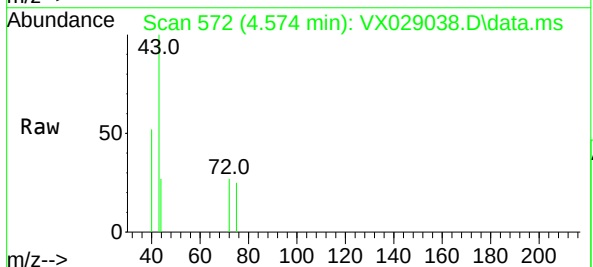
Instrument :
MSVOA_X
ClientSampleId :
MW-01A

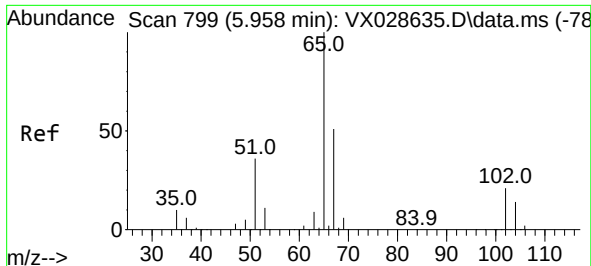
Tgt Ion: 76 Resp: 2834
Ion Ratio Lower Upper
76 100
78 13.7 7.2 10.8#



#25
2-Butanone
Concen: 0.788 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.024 min
Lab File: VX029038.D
Acq: 27 May 2022 20:40

Tgt Ion: 43 Resp: 2530
Ion Ratio Lower Upper
43 100
72 26.5 24.4 36.6

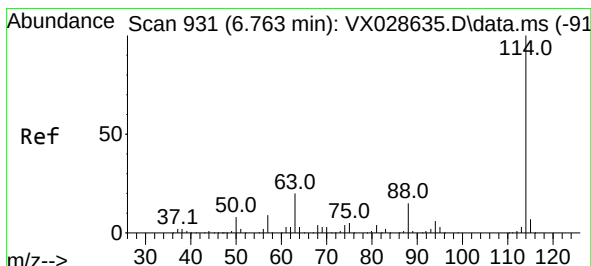
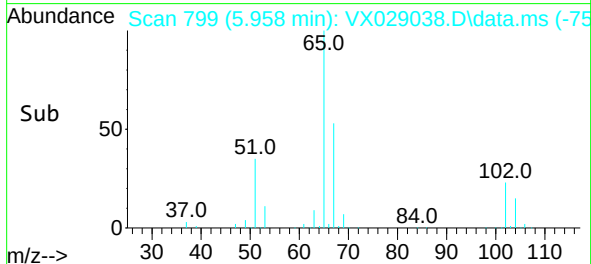
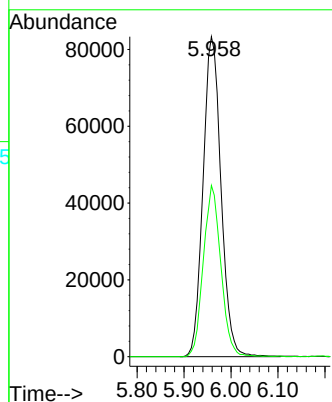
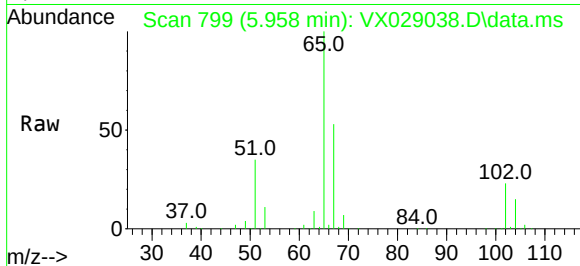




#33
 1,2-Dichloroethane-d4
 Concen: 46.371 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX029038.D
 Acq: 27 May 2022 20:40

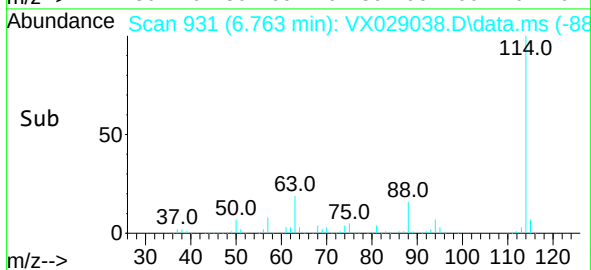
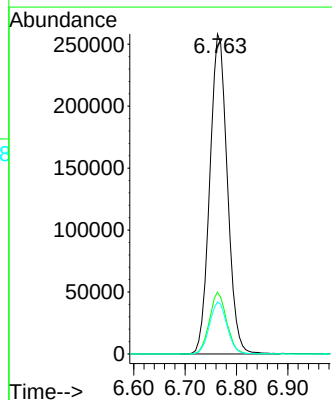
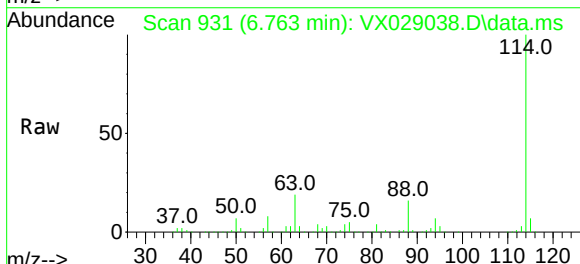
Instrument :
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 ClientSampleId :
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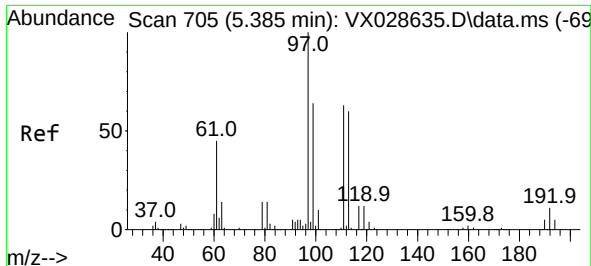
Tgt Ion: 65 Resp: 220964
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX029038.D
 Acq: 27 May 2022 20:40

Tgt Ion: 114 Resp: 611821
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 36.8
 88 16.3 0.0 32.4

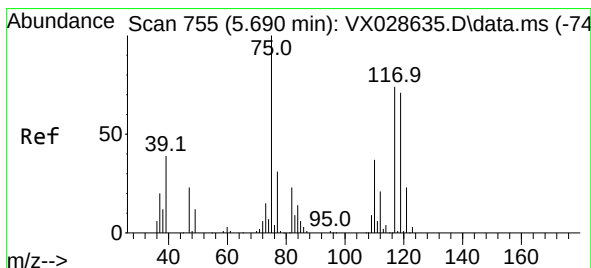
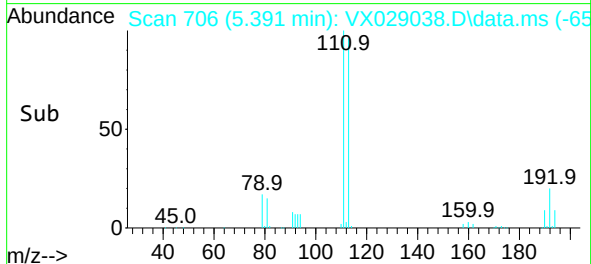
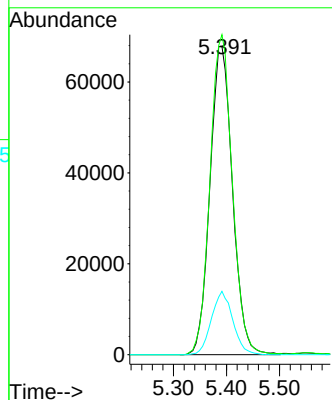
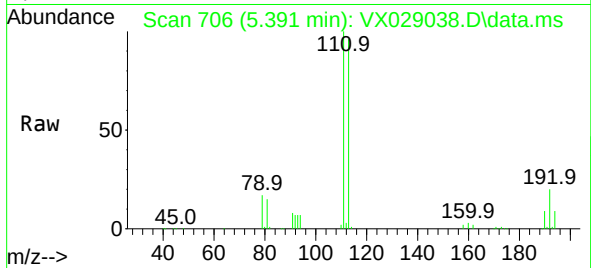




#35
Dibromofluoromethane
Concen: 49.979 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX029038.D
Acq: 27 May 2022 20:40

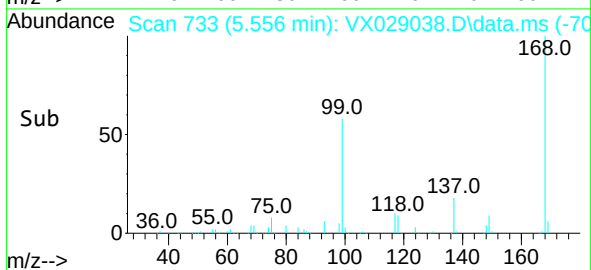
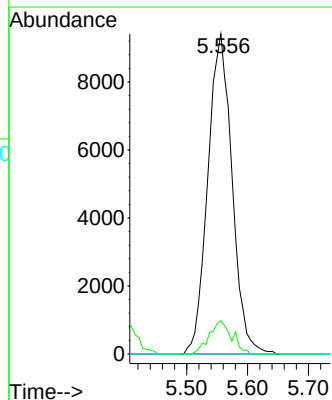
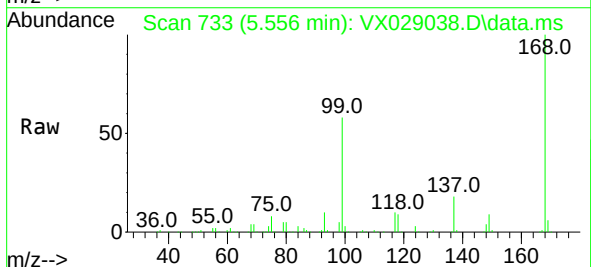
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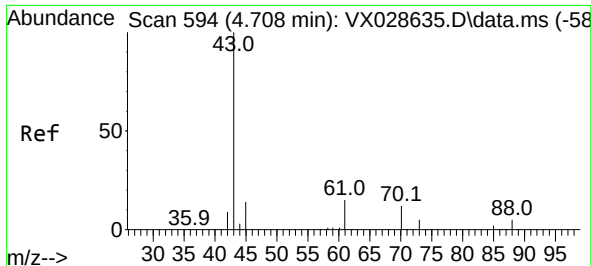
Tgt Ion:113 Resp: 200345
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 19.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.326 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX029038.D
Acq: 27 May 2022 20:40

Tgt Ion: 75 Resp: 26046
Ion Ratio Lower Upper
75 100
110 9.7 18.3 54.8#
77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 0.402 ug/l

RT: 4.574 min Scan# 51

Delta R.T. -0.134 min

Lab File: VX029038.D

Acq: 27 May 2022 20:40

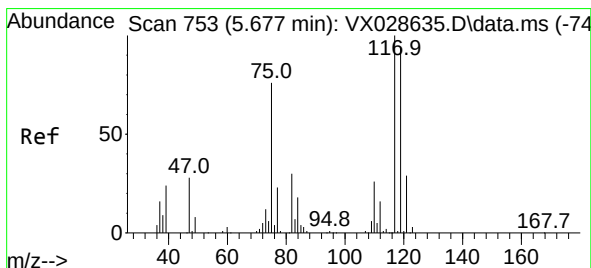
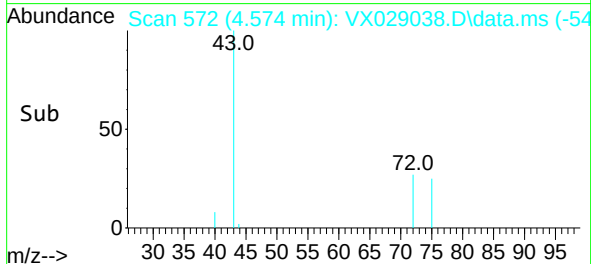
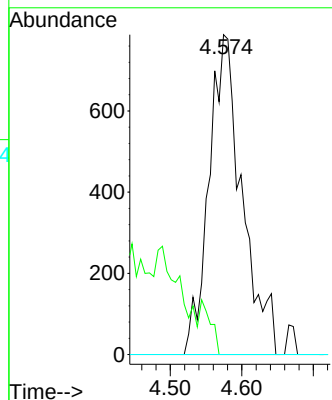
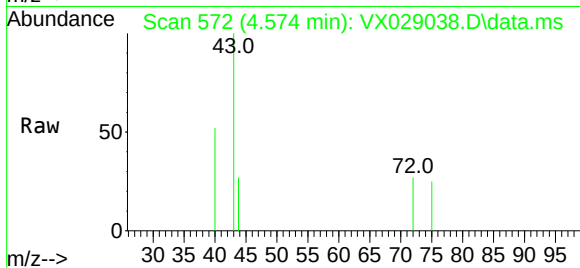
Instrument :

MSVOA_X

ClientSampleId :

MW-01A

Tgt Ion: 43	Resp: 2530
Ion Ratio	Lower Upper
43 100	
61 0.0	12.6 19.0#
70 0.0	10.2 15.2#



#38

Carbon Tetrachloride

Concen: 5.676 ug/l

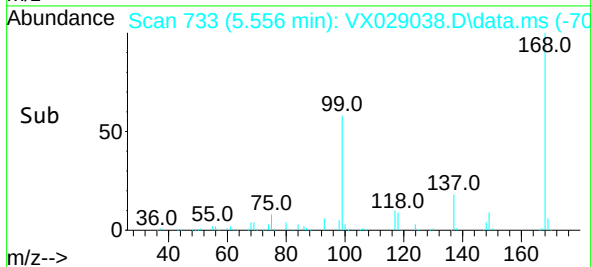
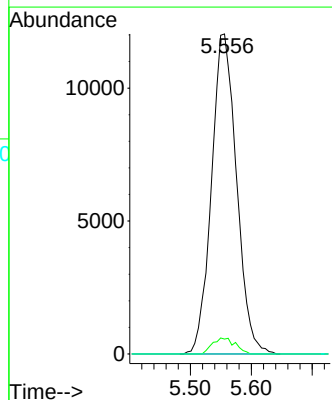
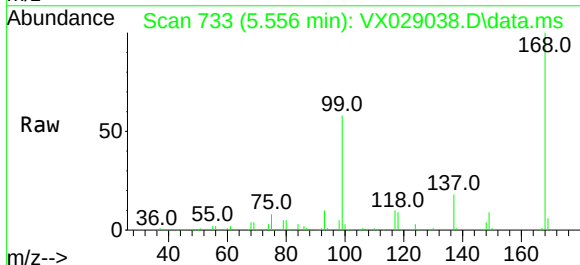
RT: 5.556 min Scan# 733

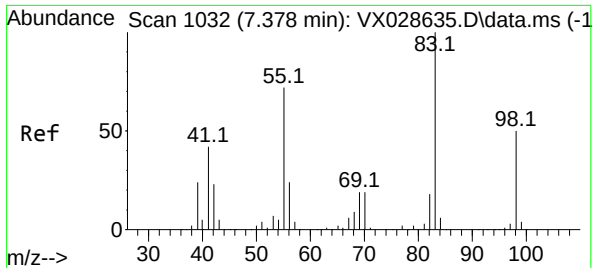
Delta R.T. -0.121 min

Lab File: VX029038.D

Acq: 27 May 2022 20:40

Tgt Ion: 117	Resp: 34389
Ion Ratio	Lower Upper
117 100	
119 4.7	77.3 115.9#
121 0.0	24.2 36.2#

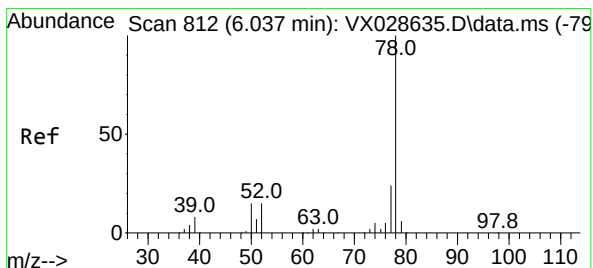
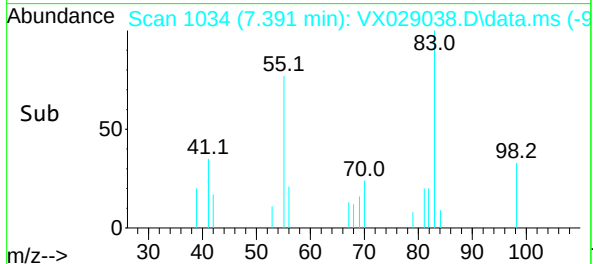
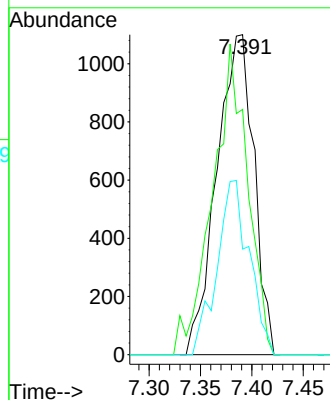
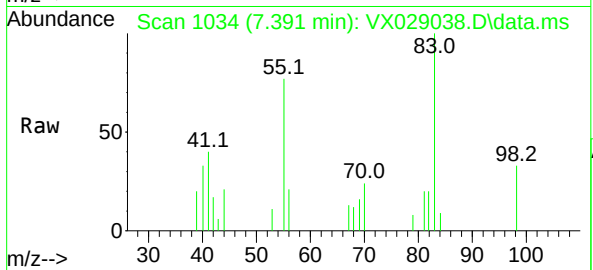




#39
Methylcyclohexane
Concen: 0.400 ug/l
RT: 7.391 min Scan# 1034
Delta R.T. 0.013 min
Lab File: VX029038.D
Acq: 27 May 2022 20:40

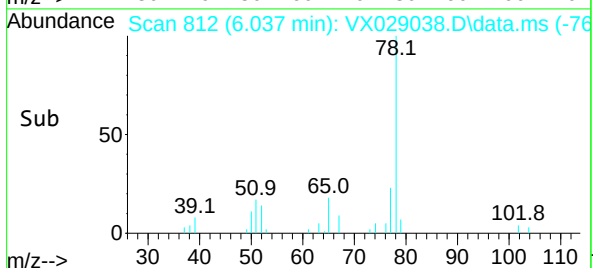
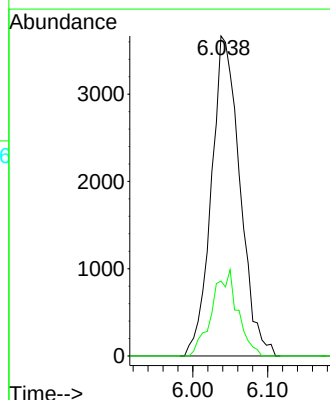
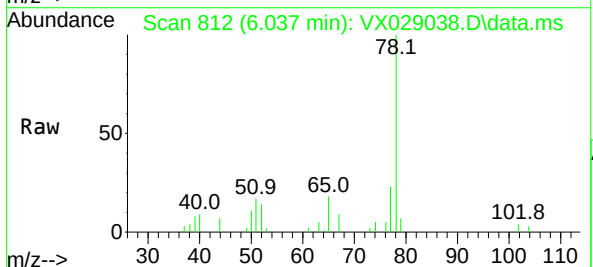
Instrument :
MSVOA_X
ClientSampleId :
MW-01A

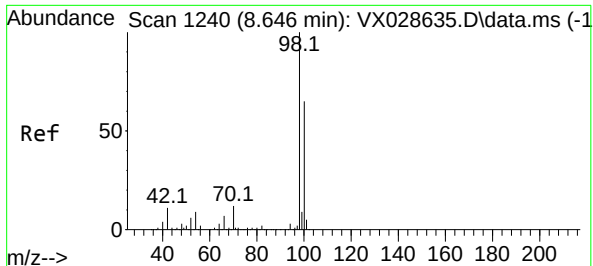
Tgt Ion: 83 Resp: 2760
Ion Ratio Lower Upper
83 100
55 76.6 54.6 81.8
98 33.0 37.4 56.2#



#40
Benzene
Concen: 0.562 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX029038.D
Acq: 27 May 2022 20:40

Tgt Ion: 78 Resp: 9729
Ion Ratio Lower Upper
78 100
77 23.4 19.3 28.9

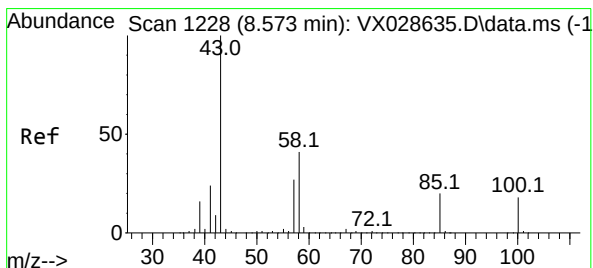
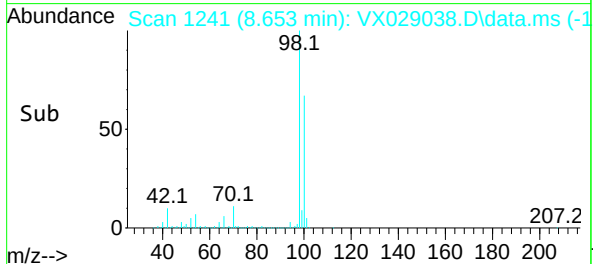
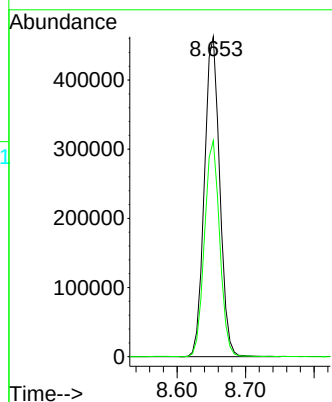
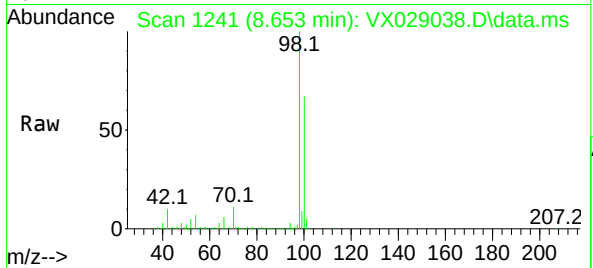




#50
Toluene-d8
Concen: 47.723 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX029038.D
Acq: 27 May 2022 20:40

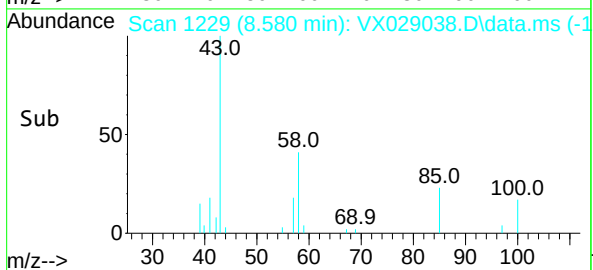
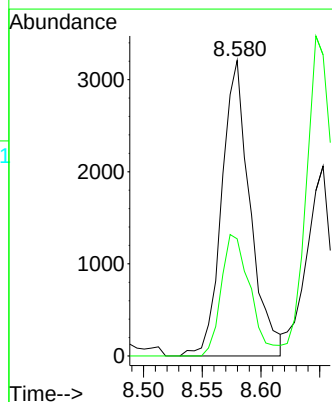
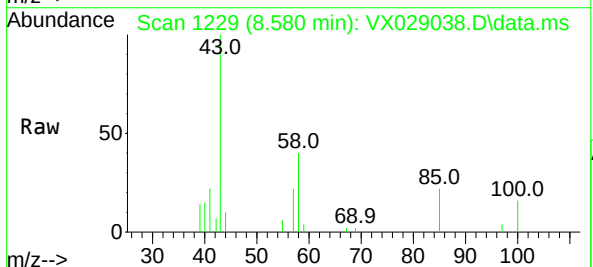
Instrument :
MSVOA_X
ClientSampleId :
MW-01A

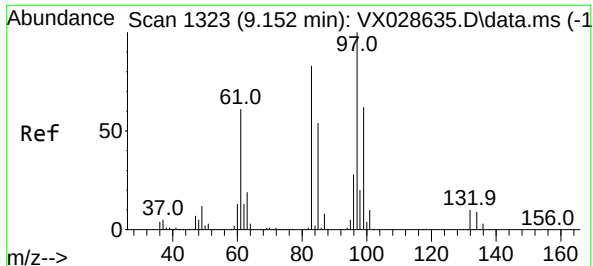
Tgt Ion: 98 Resp: 721237
Ion Ratio Lower Upper
98 100
100 67.1 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.834 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.007 min
Lab File: VX029038.D
Acq: 27 May 2022 20:40

Tgt Ion: 43 Resp: 5402
Ion Ratio Lower Upper
43 100
58 42.2 36.1 54.1





#55

1,1,2-Trichloroethane

Concen: 0.223 ug/l

RT: 9.098 min Scan# 1

Delta R.T. -0.054 min

Lab File: VX029038.D

Acq: 27 May 2022 20:40

Instrument :

MSVOA_X

ClientSampleId :

MW-01A

Tgt Ion: 97 Resp: 1014

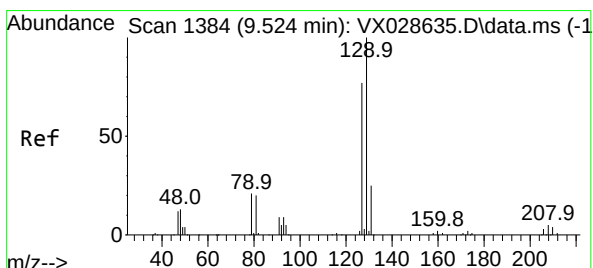
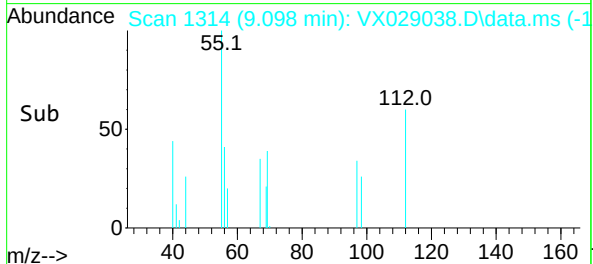
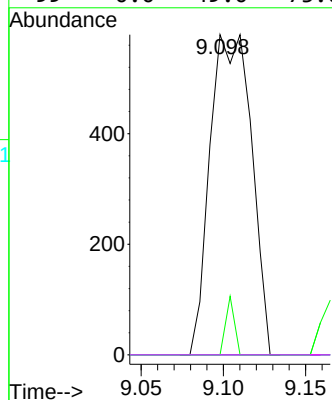
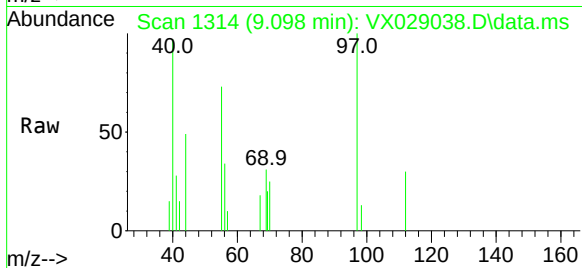
Ion Ratio Lower Upper

97 100

83 0.0 66.2 99.4#

85 0.0 42.9 64.3#

99 0.0 49.0 73.6#



#60

Dibromochloromethane

Concen: 0.462 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.249 min

Lab File: VX029038.D

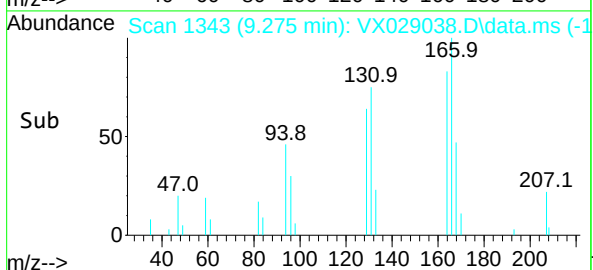
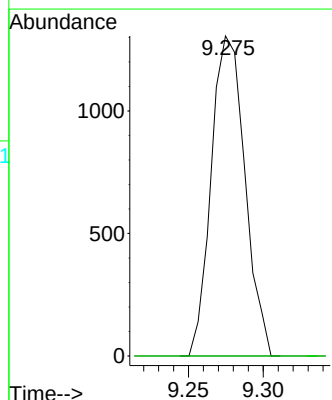
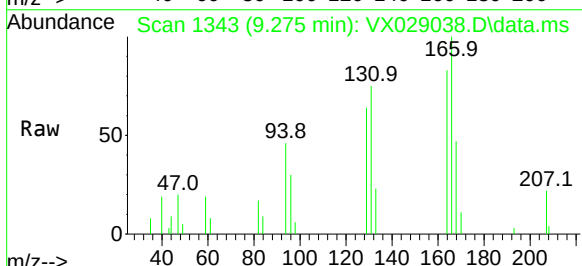
Acq: 27 May 2022 20:40

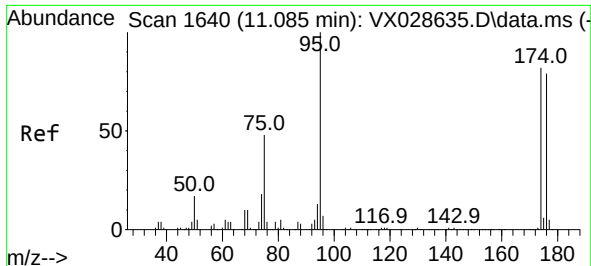
Tgt Ion:129 Resp: 2046

Ion Ratio Lower Upper

129 100

127 0.0 40.3 120.8#

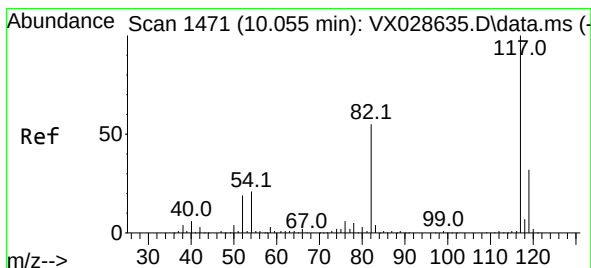
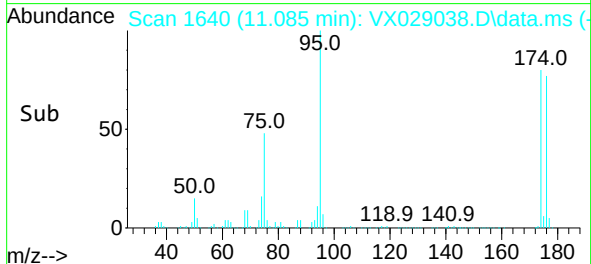
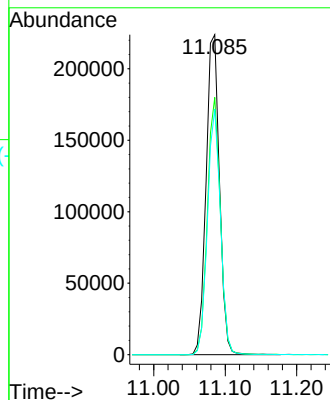
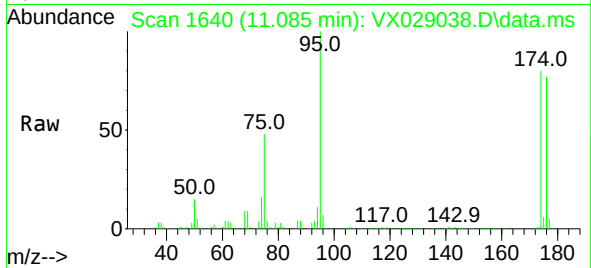




#62
4-Bromofluorobenzene
Concen: 51.686 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX029038.D
Acq: 27 May 2022 20:40

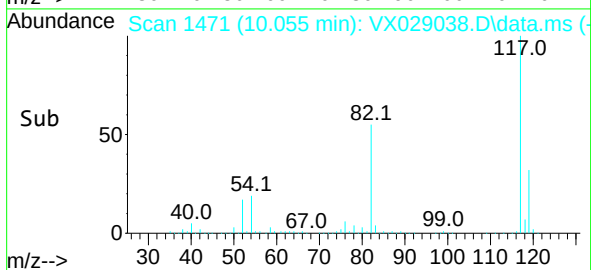
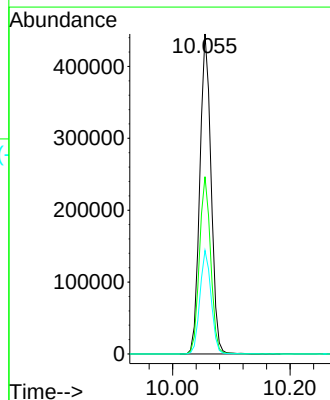
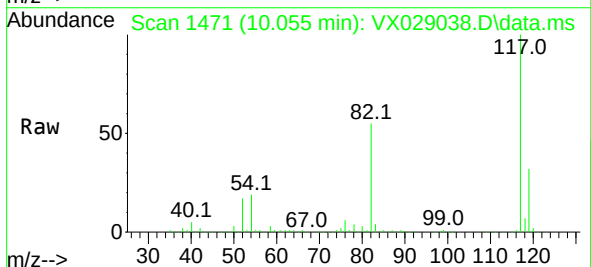
Instrument :
MSVOA_X
ClientSampleId :
MW-01A

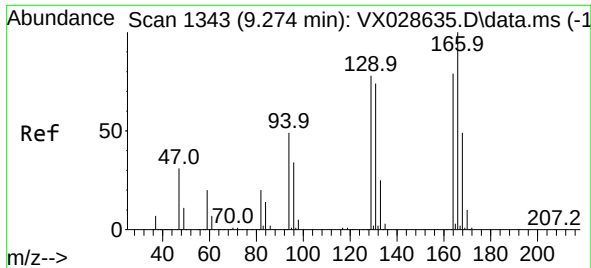
Tgt Ion: 95 Resp: 291760
Ion Ratio Lower Upper
95 100
174 77.5 0.0 163.0
176 74.5 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029038.D
Acq: 27 May 2022 20:40

Tgt Ion: 117 Resp: 592775
Ion Ratio Lower Upper
117 100
82 55.4 41.8 62.8
119 32.3 24.8 37.2

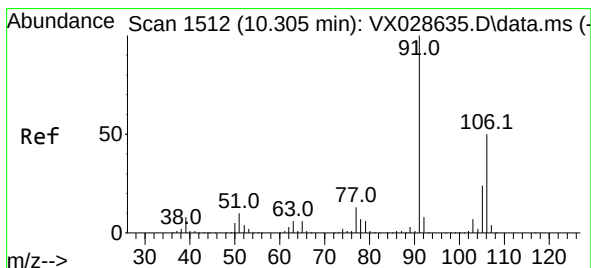
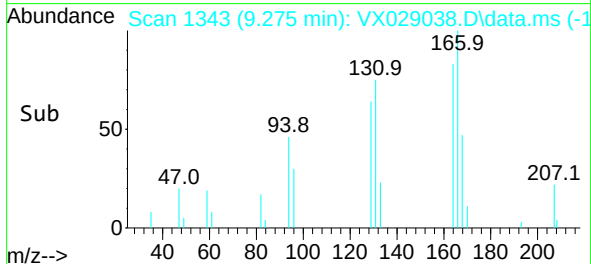
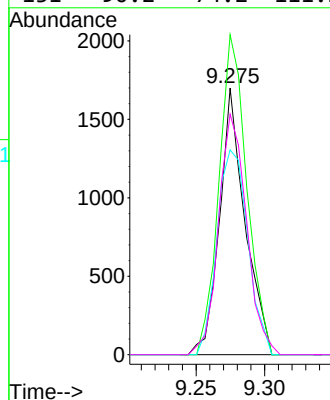
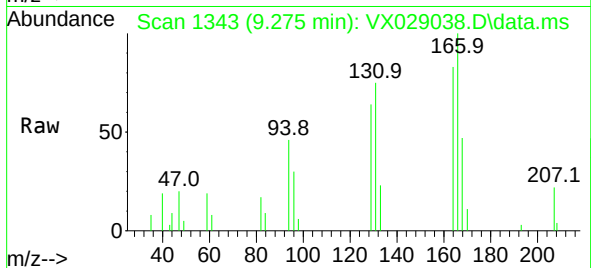




#64
Tetrachloroethene
Concen: 0.489 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX029038.D
Acq: 27 May 2022 20:40

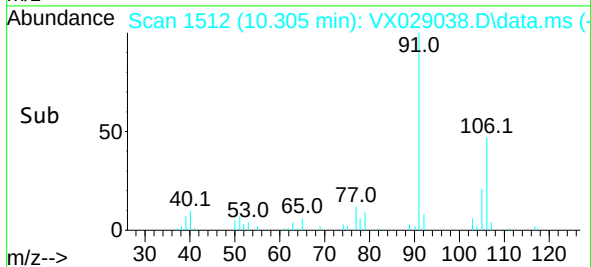
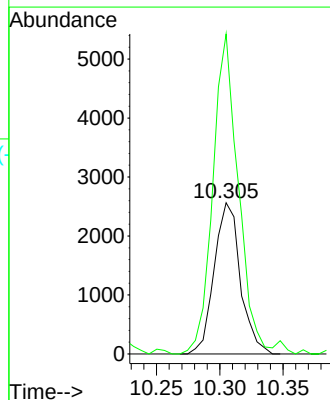
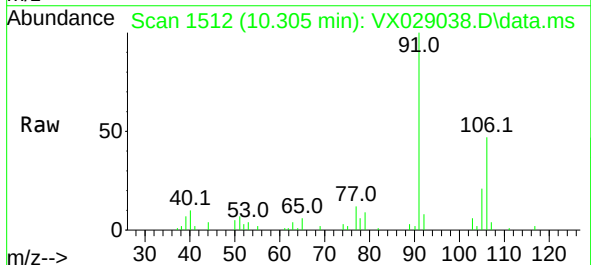
Instrument :
MSVOA_X
ClientSampleId :
MW-01A

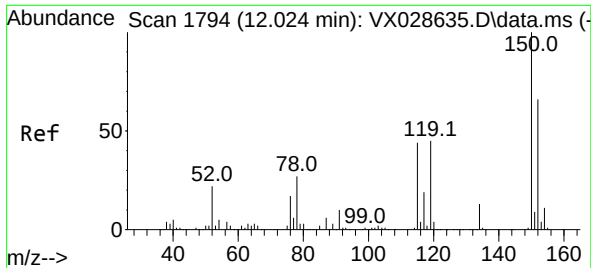
Tgt Ion:164	Resp:	2189	
Ion	Ratio	Lower	Upper
164	100		
166	120.1	101.2	151.8
129	76.9	73.0	109.4
131	90.2	74.2	111.2



#68
m/p-Xylenes
Concen: 0.420 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX029038.D
Acq: 27 May 2022 20:40

Tgt Ion:106	Resp:	3686	
Ion	Ratio	Lower	Upper
106	100		
91	205.2	160.4	240.6

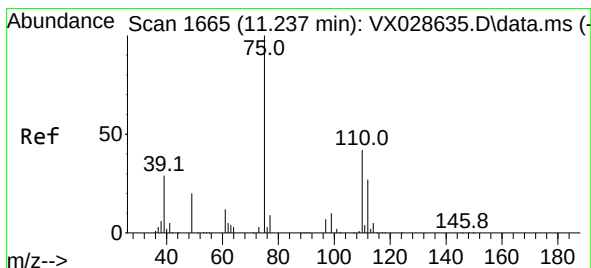
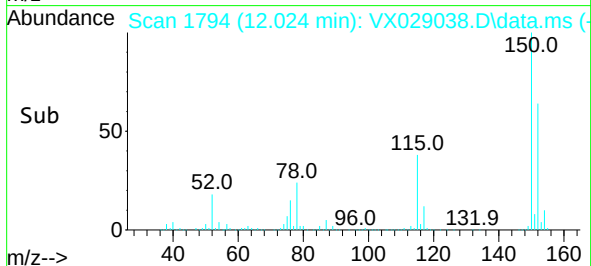
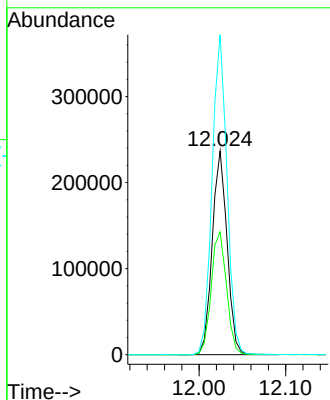
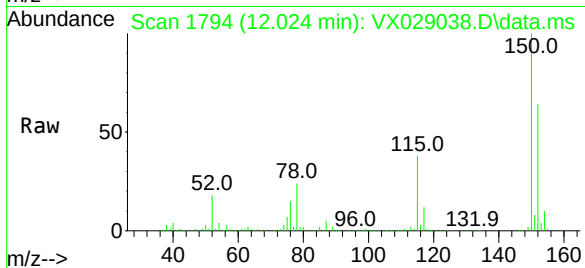




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029038.D
 Acq: 27 May 2022 20:40

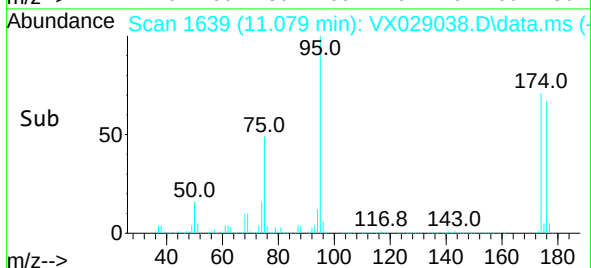
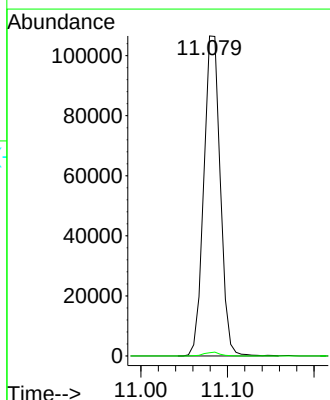
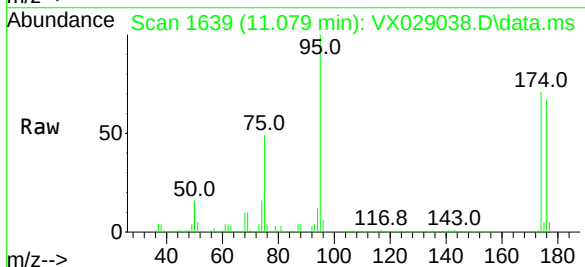
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-01A

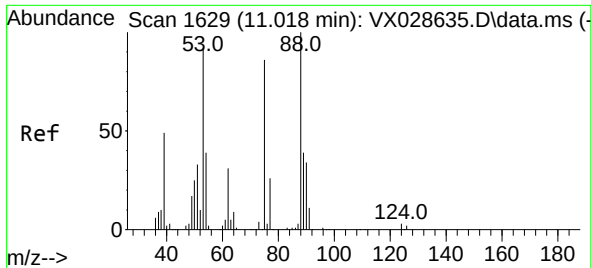
Tgt Ion:152 Resp: 281842
 Ion Ratio Lower Upper
 152 100
 115 62.4 37.5 112.7
 150 158.0 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 21.366 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX029038.D
 Acq: 27 May 2022 20:40

Tgt Ion: 75 Resp: 141028
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.4 58.2#

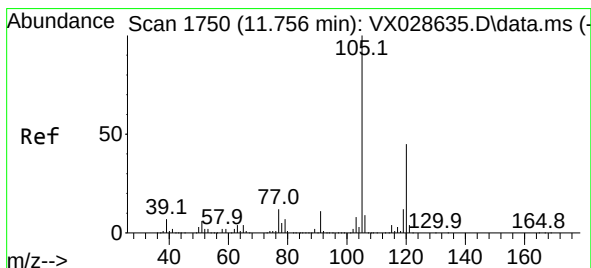
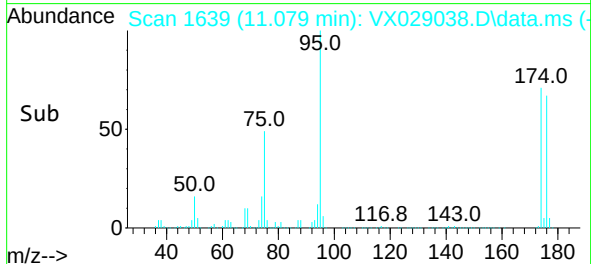
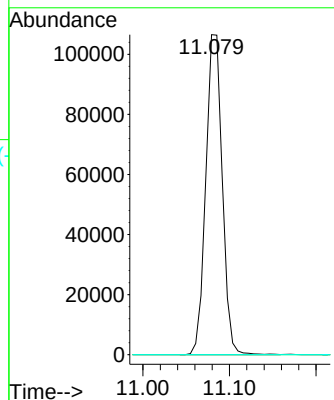
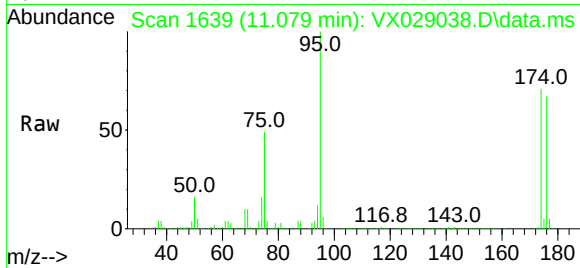




#81
trans-1,4-Dichloro-2-butene
Concen: 62.677 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029038.D
Acq: 27 May 2022 20:40

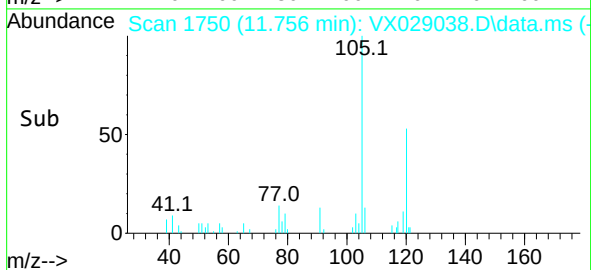
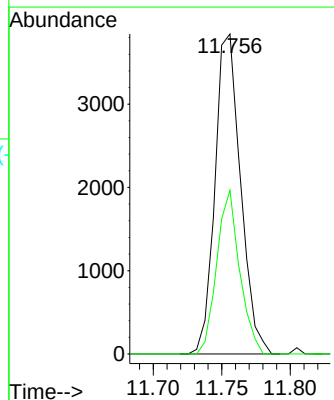
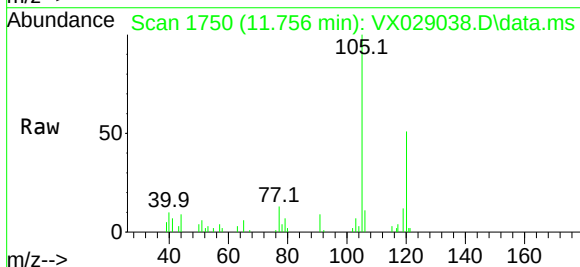
Instrument :
MSVOA_X
ClientSampleId :
MW-01A

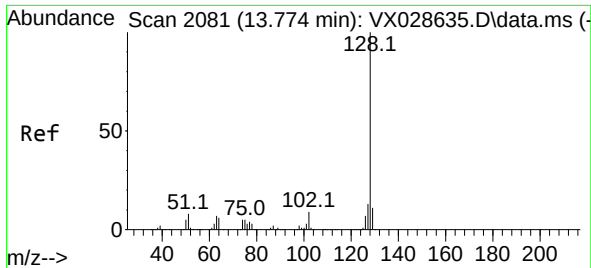
Tgt Ion: 75 Resp: 141028
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#84
1,2,4-Trimethylbenzene
Concen: 0.279 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX029038.D
Acq: 27 May 2022 20:40

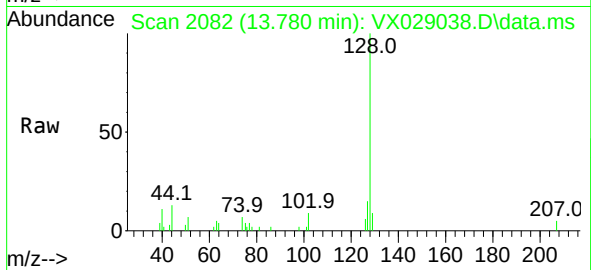
Tgt Ion: 105 Resp: 4991
Ion Ratio Lower Upper
105 100
120 45.7 22.6 67.8





#95
Naphthalene
Concen: 0.219 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX029038.D
Acq: 27 May 2022 20:40

Instrument :
MSVOA_X
ClientSampleId :
MW-01A



Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	8.7	8.7	13.1

