

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051922\
 Data File : VX028839.D
 Acq On : 19 May 2022 20:36
 Operator : JC/MD
 Sample : N2943-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-30

Quant Time: May 20 01:51:33 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)

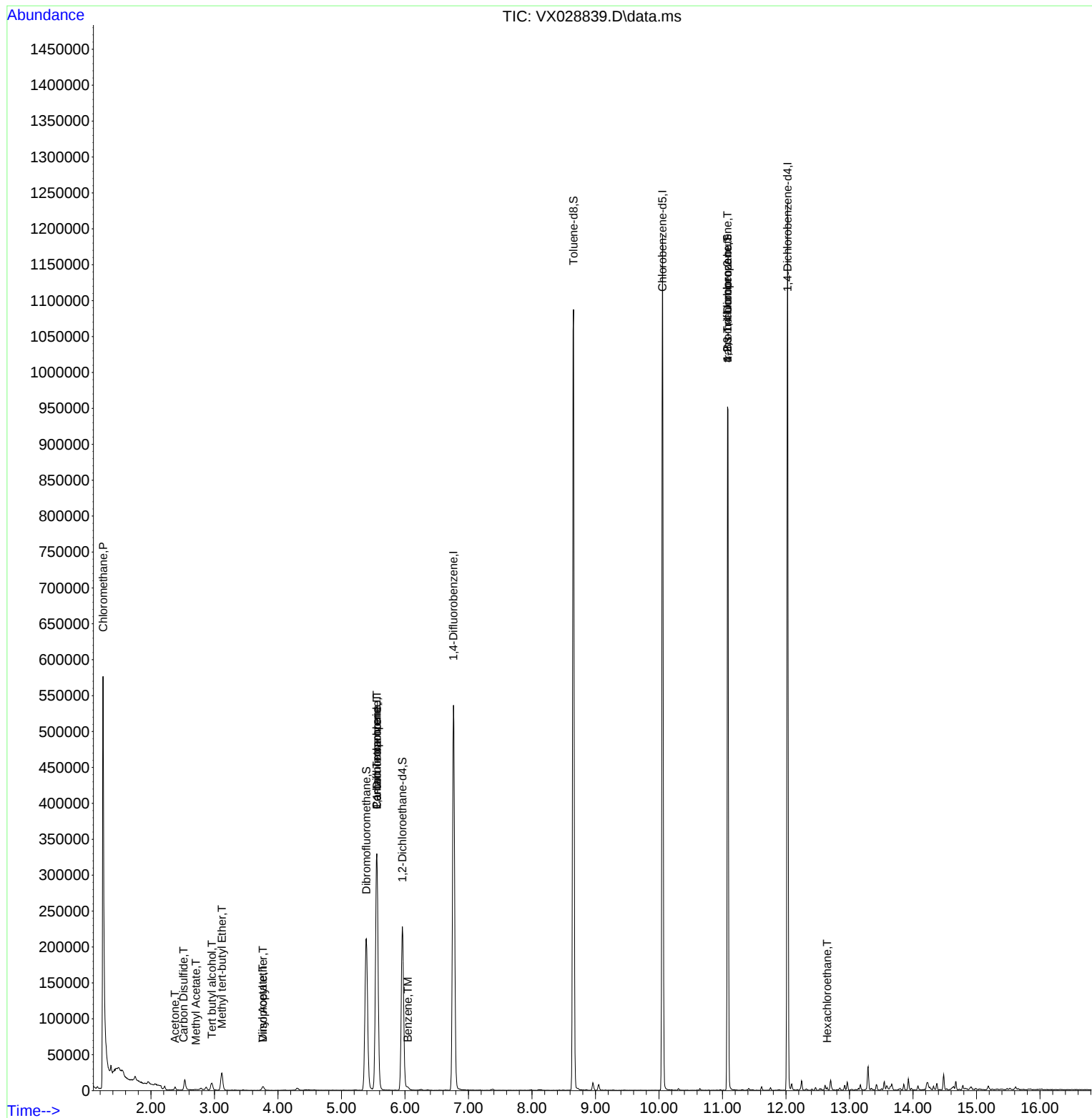
Internal Standards						
1) Pentafluorobenzene	5.556	168	303785	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	544134	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	516097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	239533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	227429	54.615	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 109.240%	
35) Dibromofluoromethane	5.391	113	186227	52.236	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 104.480%	
50) Toluene-d8	8.653	98	647125	48.145	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 96.300%	
62) 4-Bromofluorobenzene	11.079	95	254523	50.699	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 101.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.246	50	16799	4.484	ug/l	# 42
5) Bromomethane	1.624	94	344	Below Cal	#	62
11) Tert butyl alcohol	2.959	59	11197	4.846	ug/l	99
16) Acetone	2.380	43	4665	2.610	ug/l	98
17) Carbon Disulfide	2.514	76	3880	0.476	ug/l	96
18) Methyl Acetate	2.709	43	900	0.201	ug/l	# 77
19) Methyl tert-butyl Ether	3.117	73	25877	2.319	ug/l	99
22) Diisopropyl ether	3.764	45	5027	0.466	ug/l	# 91
23) Vinyl Acetate	3.758	43	2884	0.310	ug/l	# 66
36) 1,1-Dichloropropene	5.556	75	24836	4.638	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	33361	6.191	ug/l	# 15
40) Benzene	6.044	78	4635	0.301	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	135204	24.102	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	135204	70.207	ug/l	# 15
90) Hexachloroethane	12.646	117	1763	0.719	ug/l	# 10

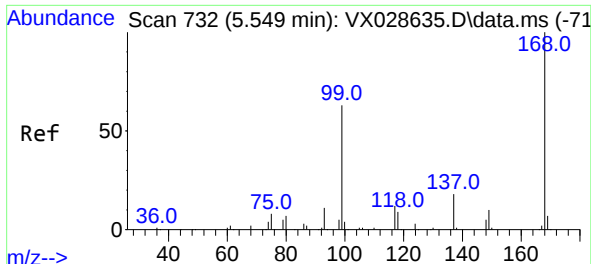
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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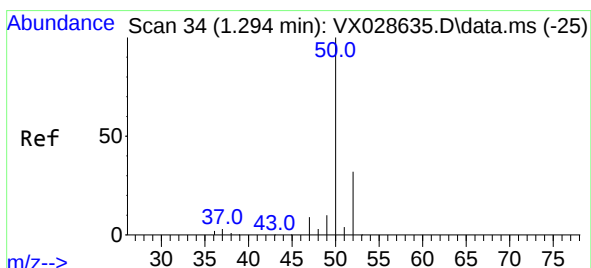
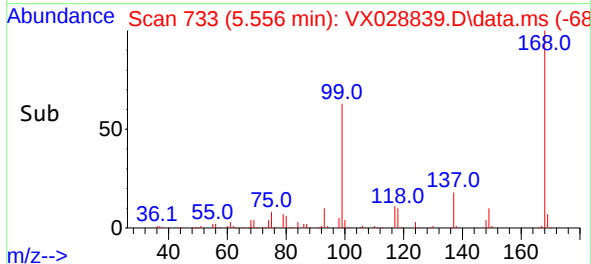
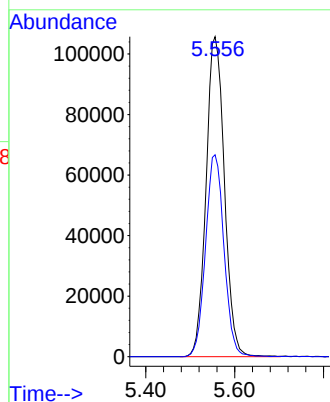
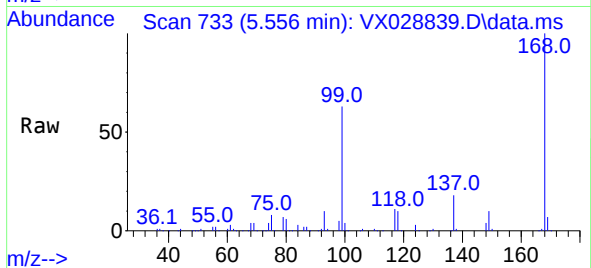




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028839.D
Acq: 19 May 2022 20:36

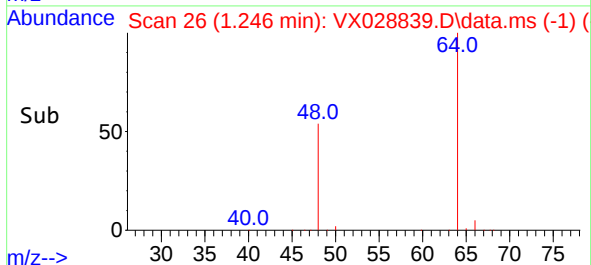
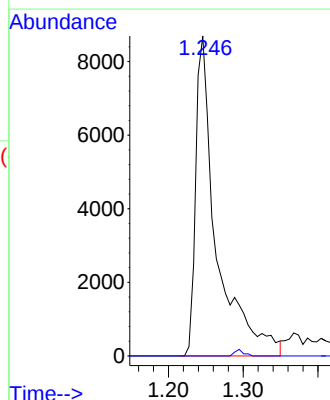
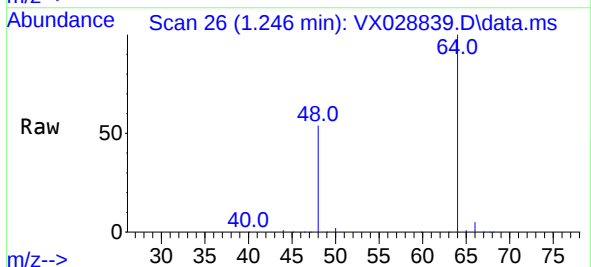
Instrument :
MSVOA_X
ClientSampleId :
MW-30

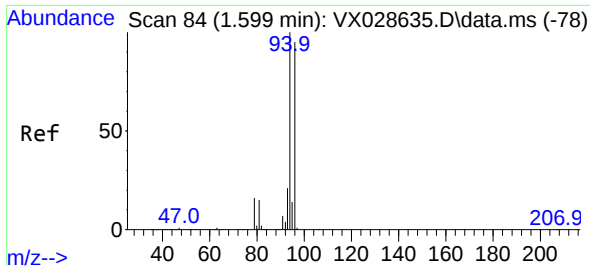
Tgt Ion:168 Resp: 303785
Ion Ratio Lower Upper
168 100
99 63.1 41.7 62.5#



#3
Chloromethane
Concen: 4.484 ug/l
RT: 1.246 min Scan# 26
Delta R.T. -0.048 min
Lab File: VX028839.D
Acq: 19 May 2022 20:36

Tgt Ion: 50 Resp: 16799
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

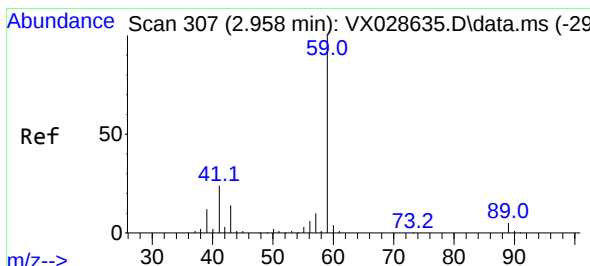
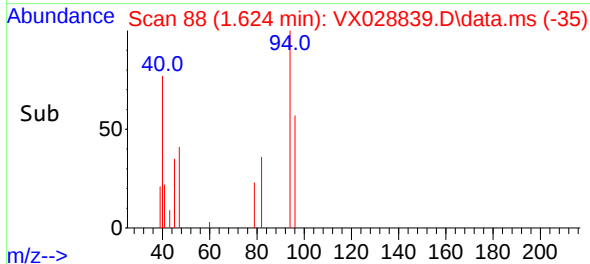
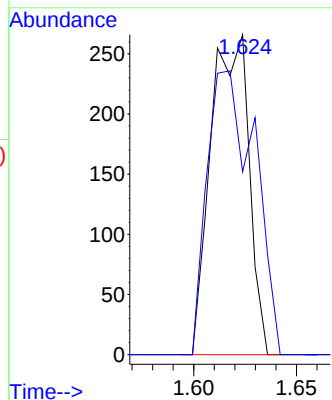
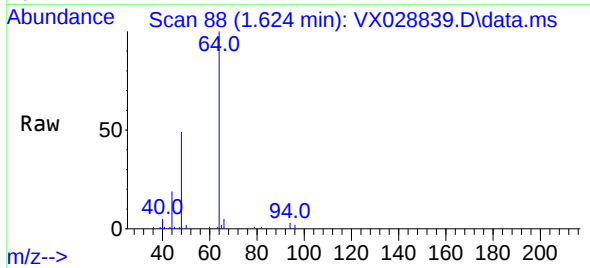




#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 84
Delta R.T. 0.025 min
Lab File: VX028839.D
Acq: 19 May 2022 20:36

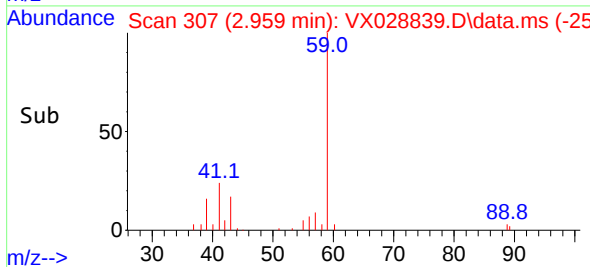
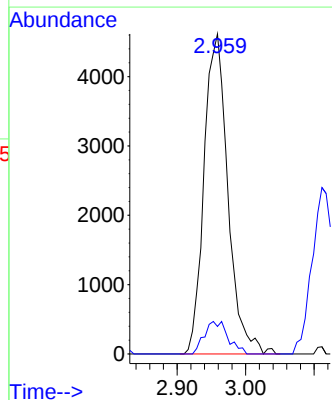
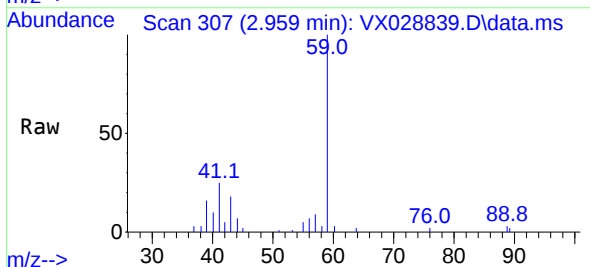
Instrument :
MSVOA_X
ClientSampleId :
MW-30

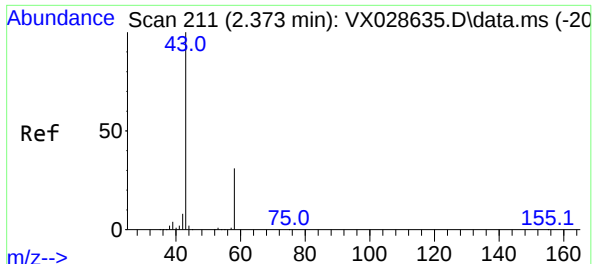
Tgt Ion: 94 Resp: 344
Ion Ratio Lower Upper
94 100
96 57.1 75.3 112.9#



#11
Tert butyl alcohol
Concen: 4.846 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.001 min
Lab File: VX028839.D
Acq: 19 May 2022 20:36

Tgt Ion: 59 Resp: 11197
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

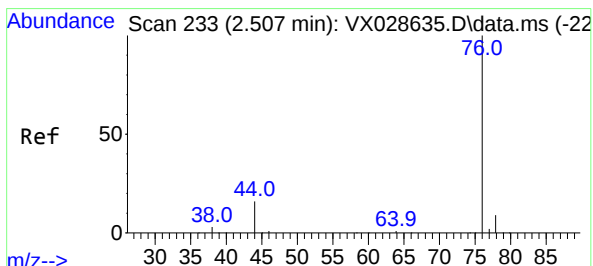
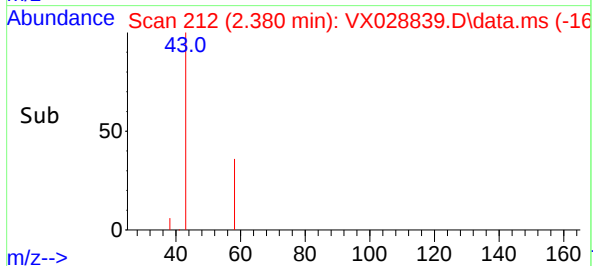
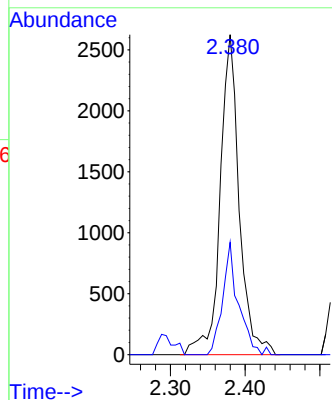
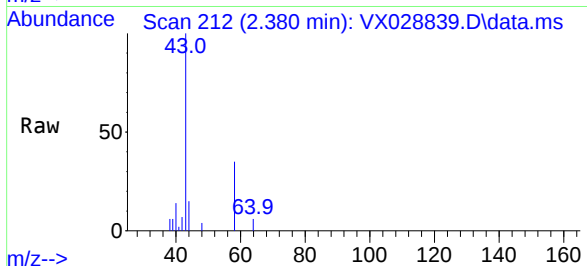




#16
Acetone
Concen: 2.610 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028839.D
Acq: 19 May 2022 20:36

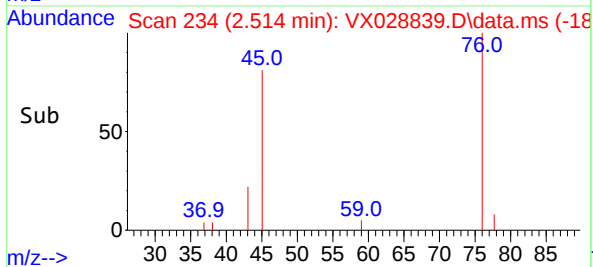
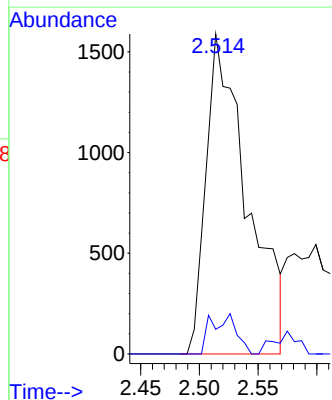
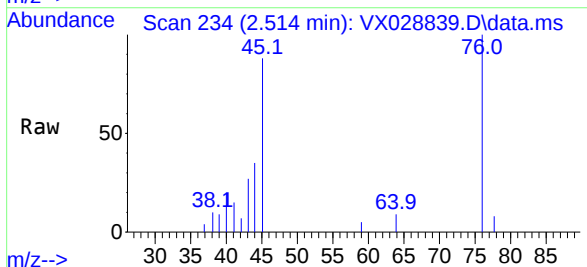
Instrument :
MSVOA_X
ClientSampleId :
MW-30

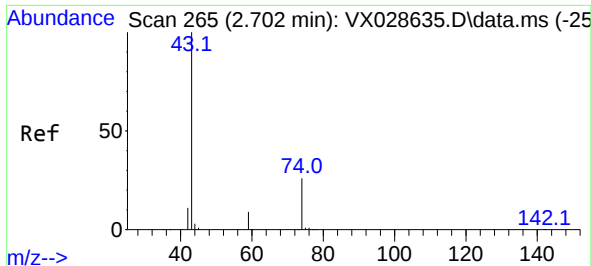
Tgt Ion: 43 Resp: 4665
Ion Ratio Lower Upper
43 100
58 35.1 28.8 43.2



#17
Carbon Disulfide
Concen: 0.476 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.007 min
Lab File: VX028839.D
Acq: 19 May 2022 20:36

Tgt Ion: 76 Resp: 3880
Ion Ratio Lower Upper
76 100
78 7.7 7.2 10.8





#18

Methyl Acetate

Concen: 0.201 ug/l

RT: 2.709 min Scan# 2

Delta R.T. 0.007 min

Lab File: VX028839.D

Acq: 19 May 2022 20:36

Instrument :

MSVOA_X

ClientSampleId :

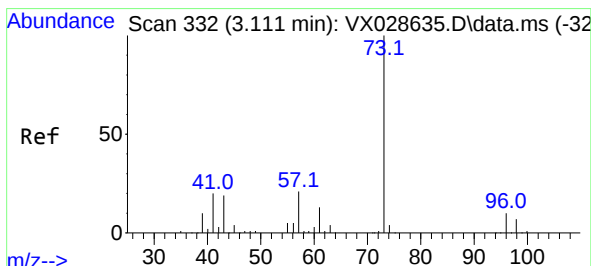
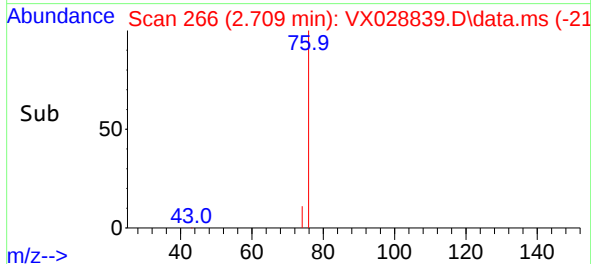
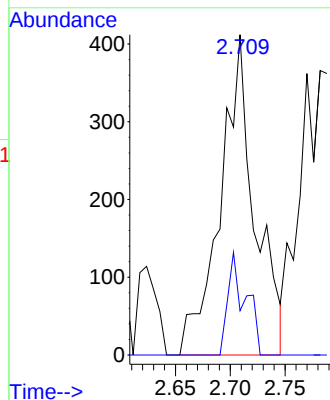
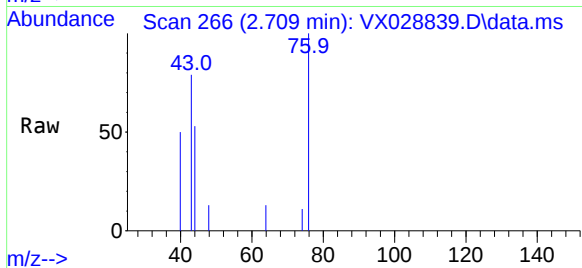
MW-30

Tgt Ion: 43 Resp: 900

Ion Ratio Lower Upper

43 100

74 16.6 22.8 34.2#



#19

Methyl tert-butyl Ether

Concen: 2.319 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.006 min

Lab File: VX028839.D

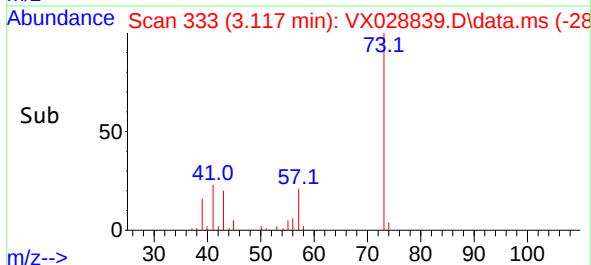
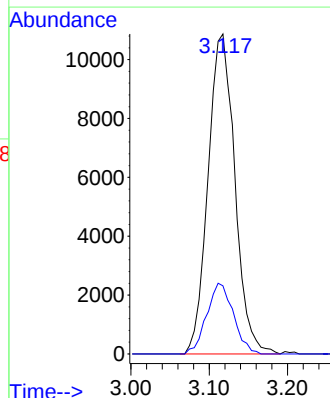
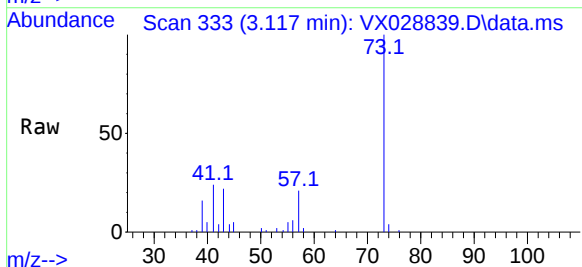
Acq: 19 May 2022 20:36

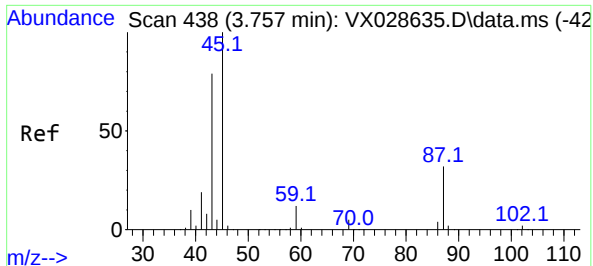
Tgt Ion: 73 Resp: 25877

Ion Ratio Lower Upper

73 100

57 21.3 16.8 25.2

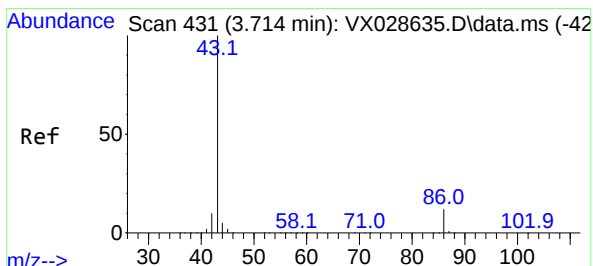
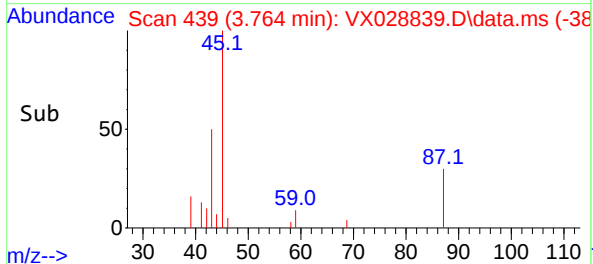
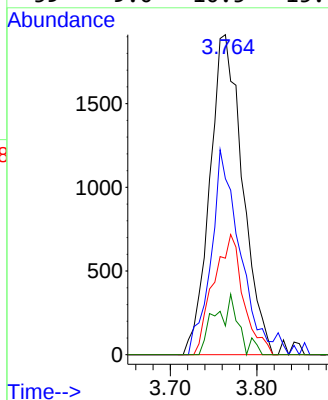
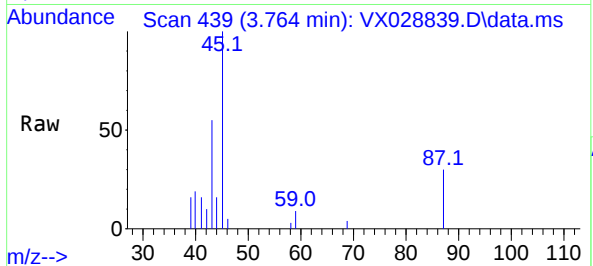




#22
Diisopropyl ether
Concen: 0.466 ug/l
RT: 3.764 min Scan# 41
Delta R.T. 0.007 min
Lab File: VX028839.D
Acq: 19 May 2022 20:36

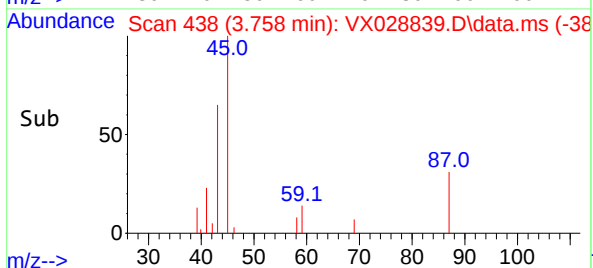
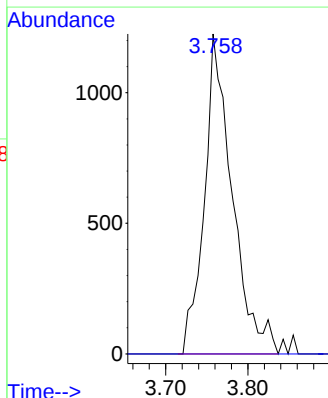
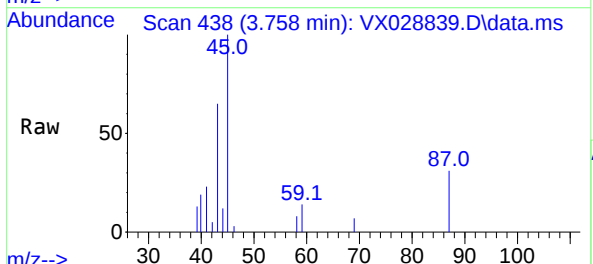
Instrument :
MSVOA_X
ClientSampleId :
MW-30

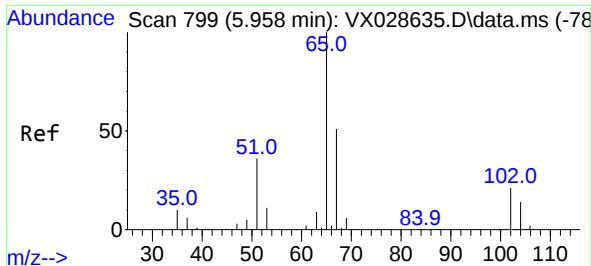
Tgt Ion: 45	Resp: 5027
Ion Ratio	Lower Upper
45 100	
43 55.0	50.8 76.2
87 30.2	26.6 39.8
59 9.0	10.5 15.7#



#23
Vinyl Acetate
Concen: 0.310 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.044 min
Lab File: VX028839.D
Acq: 19 May 2022 20:36

Tgt Ion: 43	Resp: 2884
Ion Ratio	Lower Upper
43 100	
86 0.0	10.8 16.2#





#33

1,2-Dichloroethane-d4

Concen: 54.615 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028839.D

Acq: 19 May 2022 20:36

Instrument :

MSVOA_X

ClientSampleId :

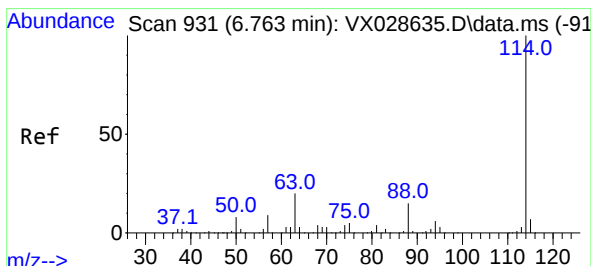
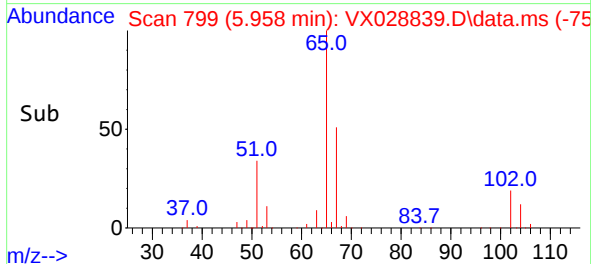
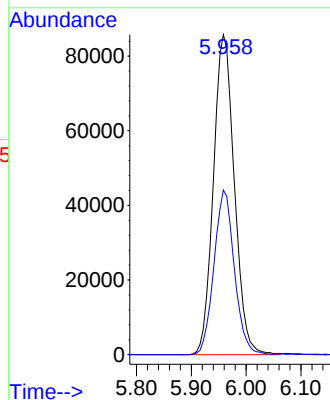
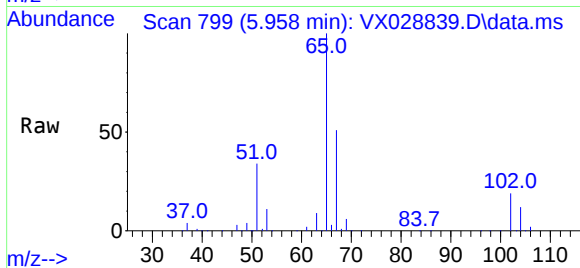
MW-30

Tgt Ion: 65 Resp: 227429

Ion Ratio Lower Upper

65 100

67 50.1 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: VX028839.D

Acq: 19 May 2022 20:36

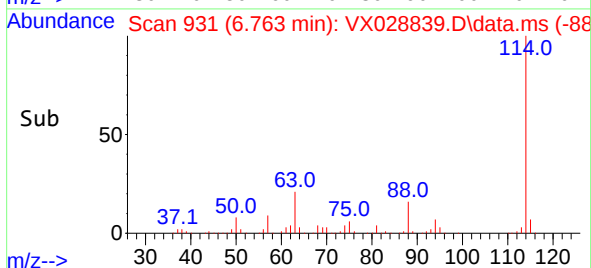
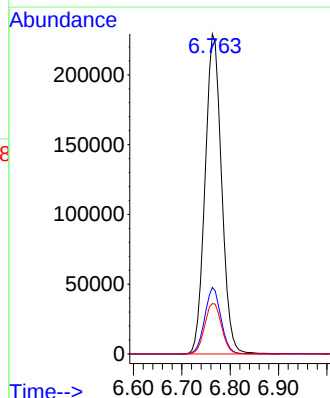
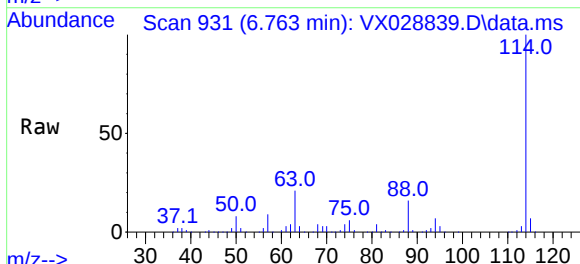
Tgt Ion: 114 Resp: 544134

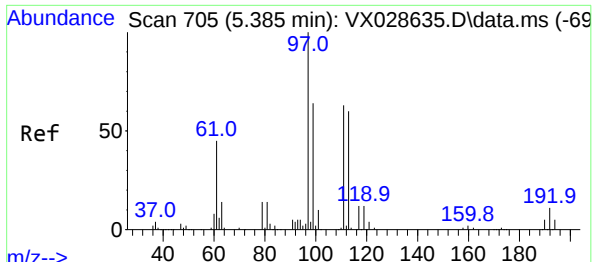
Ion Ratio Lower Upper

114 100

63 20.8 0.0 36.8

88 15.8 0.0 32.4

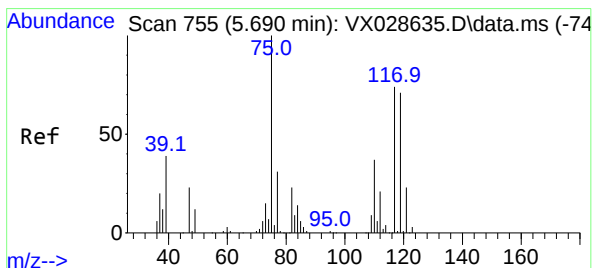
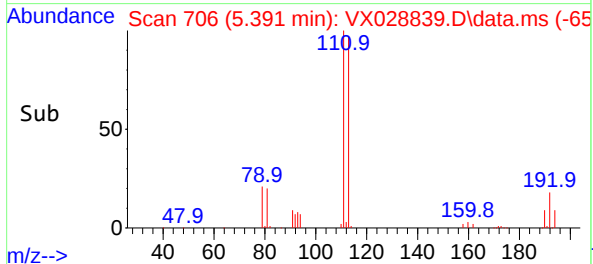
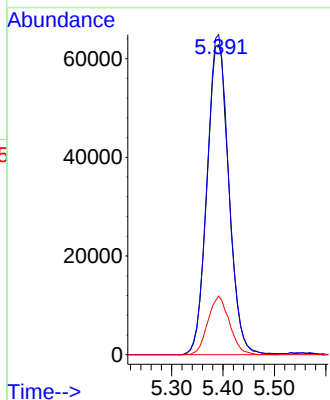
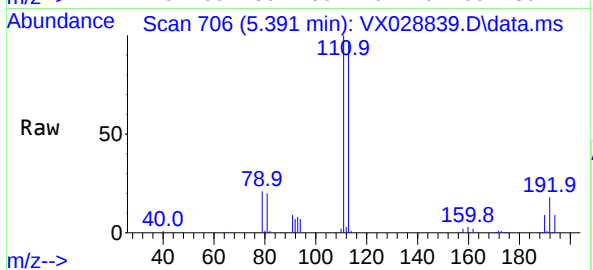




#35
Dibromofluoromethane
Concen: 52.236 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028839.D
Acq: 19 May 2022 20:36

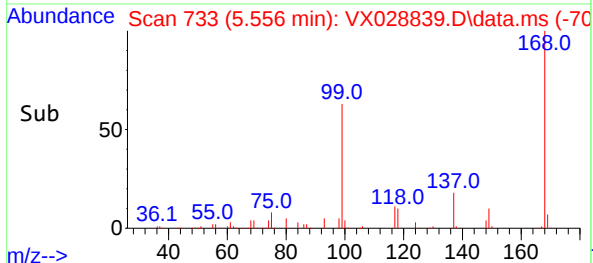
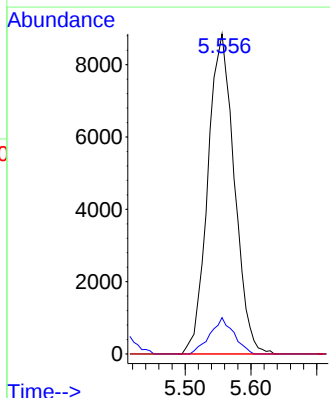
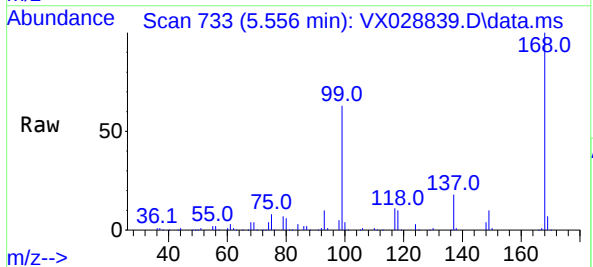
Instrument :
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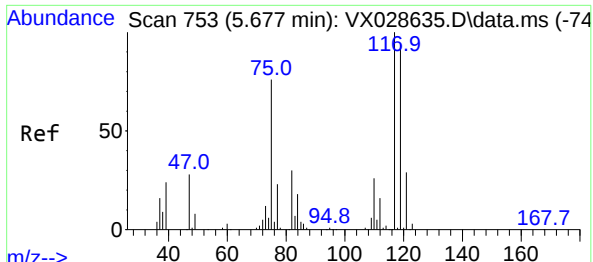
Tgt Ion:113 Resp: 186227
Ion Ratio Lower Upper
113 100
111 101.9 82.8 124.2
192 18.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.638 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX028839.D
Acq: 19 May 2022 20:36

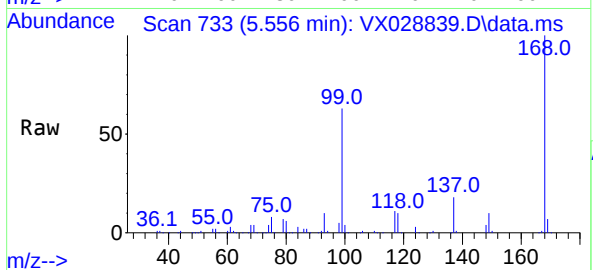
Tgt Ion: 75 Resp: 24836
Ion Ratio Lower Upper
75 100
110 10.1 18.3 54.8#
77 0.0 24.8 37.2#



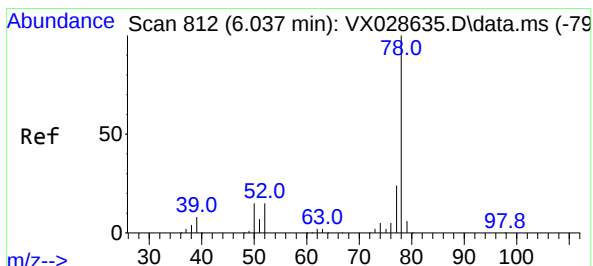
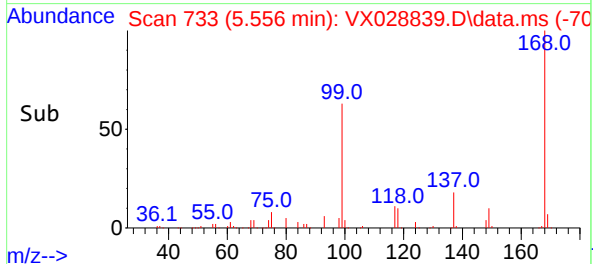
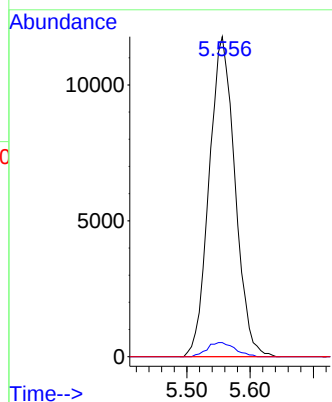


#38
Carbon Tetrachloride
Concen: 6.191 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.121 min
Lab File: VX028839.D
Acq: 19 May 2022 20:36

Instrument :
MSVOA_X
ClientSampleId :
MW-30

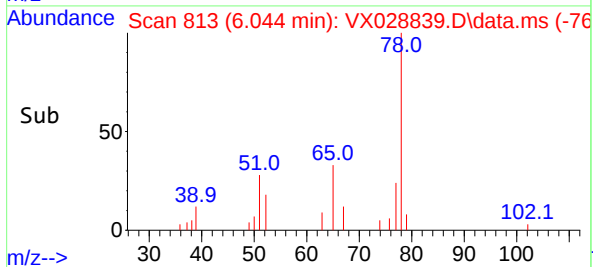
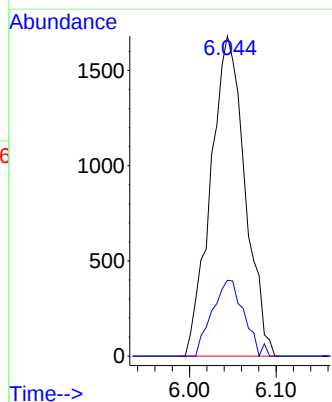
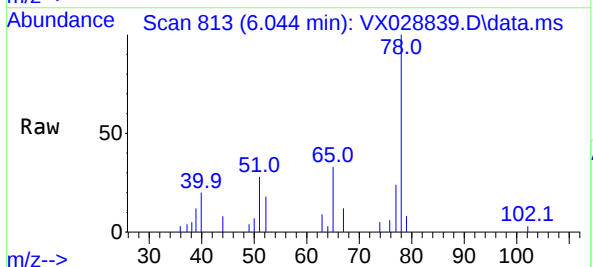


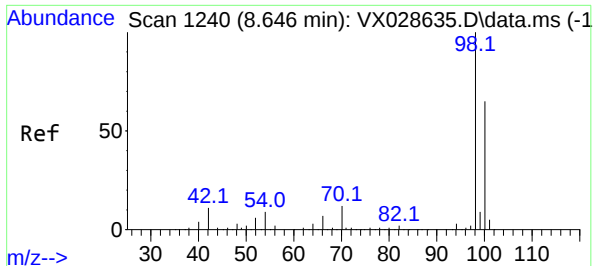
Tgt Ion:117 Resp: 33361
Ion Ratio Lower Upper
117 100
119 4.4 77.3 115.9#
121 0.0 24.2 36.2#



#40
Benzene
Concen: 0.301 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.007 min
Lab File: VX028839.D
Acq: 19 May 2022 20:36

Tgt Ion: 78 Resp: 4635
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9

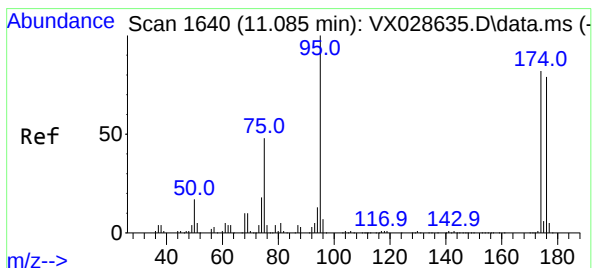
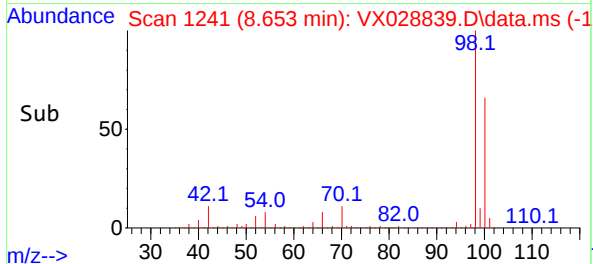
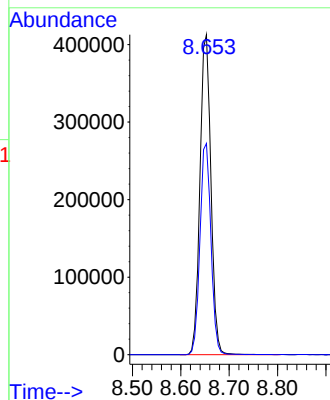
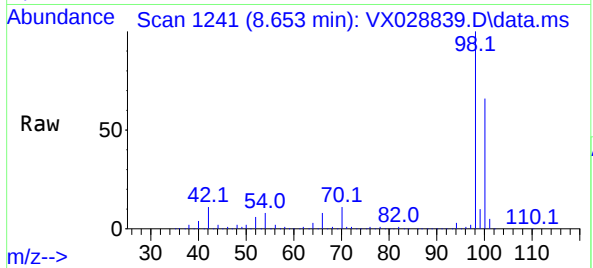




#50
Toluene-d8
Concen: 48.145 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX028839.D
Acq: 19 May 2022 20:36

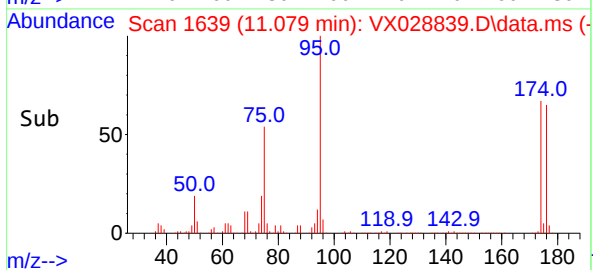
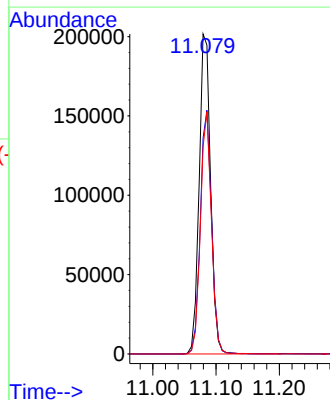
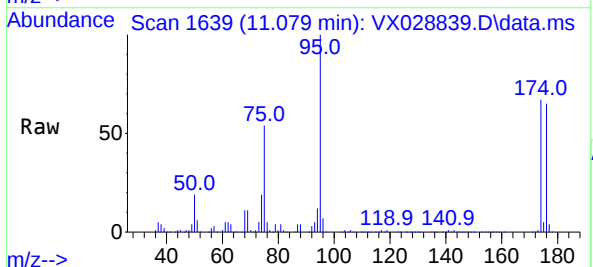
Instrument :
MSVOA_X
ClientSampleId :
MW-30

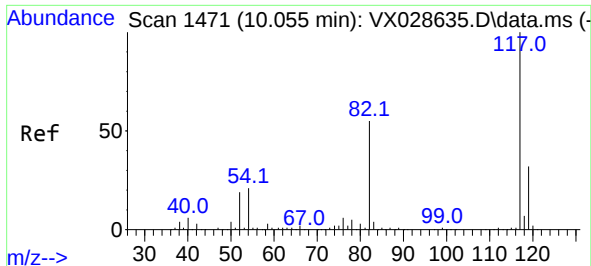
Tgt Ion: 98 Resp: 647125
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.699 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028839.D
Acq: 19 May 2022 20:36

Tgt Ion: 95 Resp: 254523
Ion Ratio Lower Upper
95 100
174 75.2 0.0 163.0
176 72.6 0.0 155.0

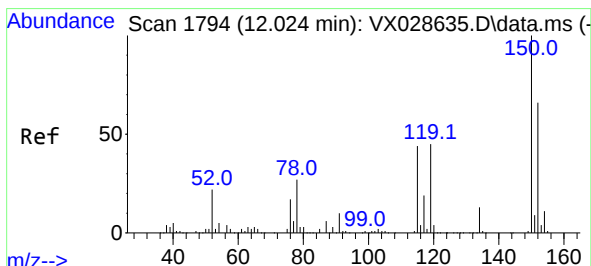
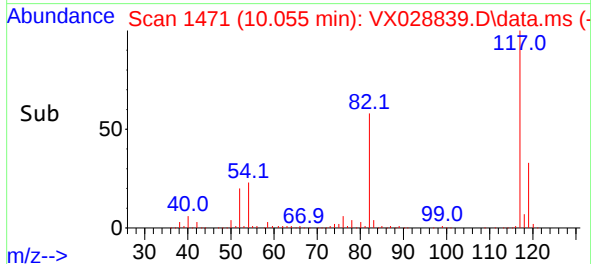
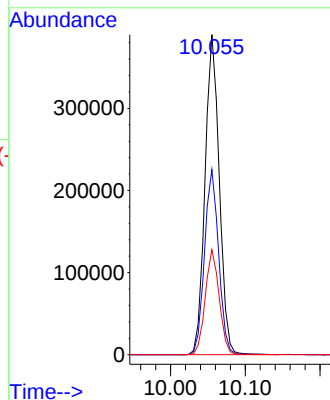
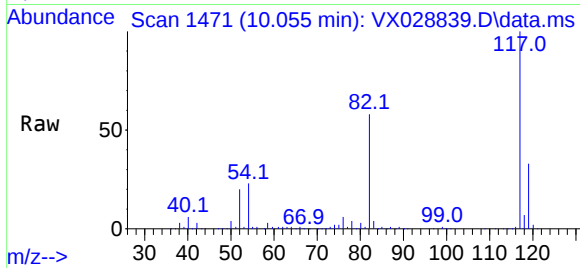




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028839.D
Acq: 19 May 2022 20:36

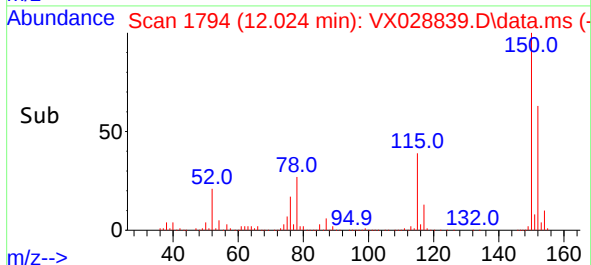
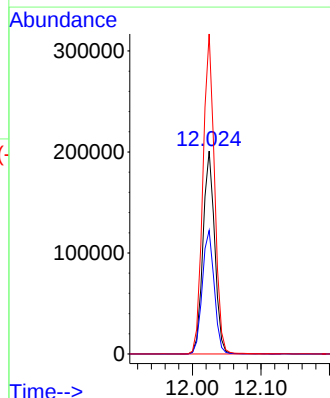
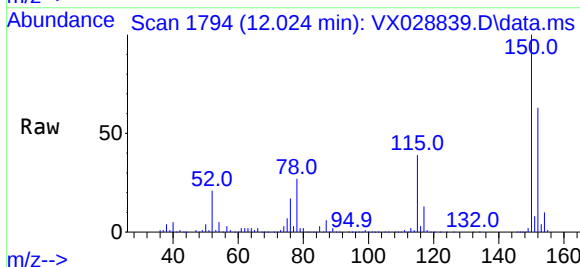
Instrument :
MSVOA_X
ClientSampleId :
MW-30

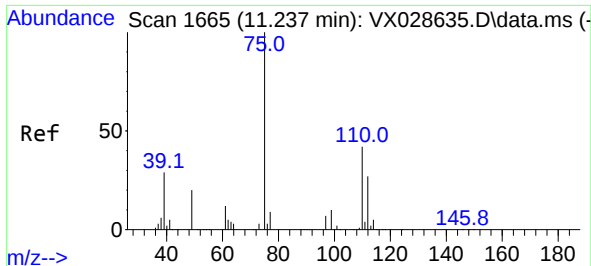
Tgt Ion:117 Resp: 516097
Ion Ratio Lower Upper
117 100
82 57.9 41.8 62.8
119 32.8 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028839.D
Acq: 19 May 2022 20:36

Tgt Ion:152 Resp: 239533
Ion Ratio Lower Upper
152 100
115 62.3 37.5 112.7
150 156.8 0.0 338.2

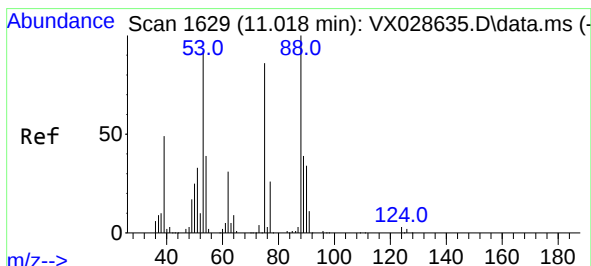
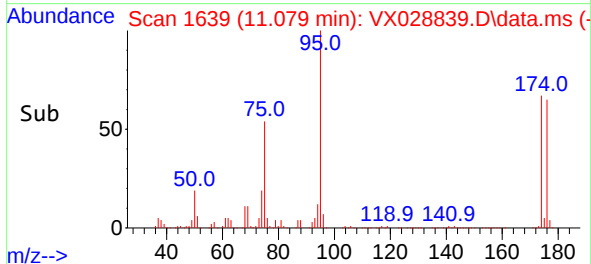
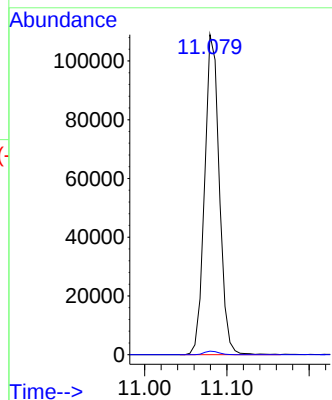
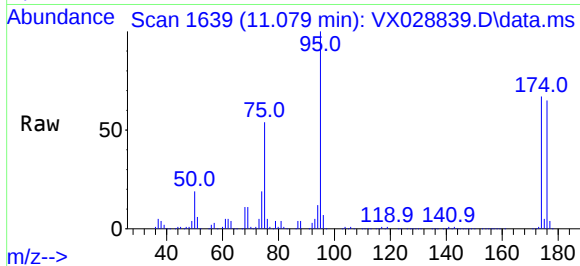




#76
1,2,3-Trichloropropane
Concen: 24.102 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028839.D
Acq: 19 May 2022 20:36

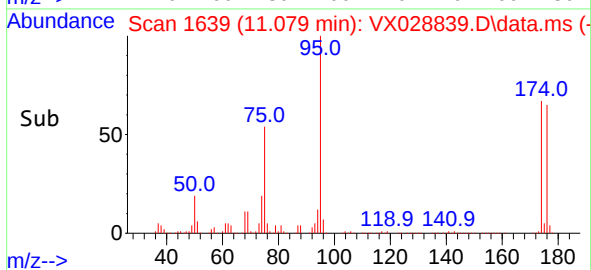
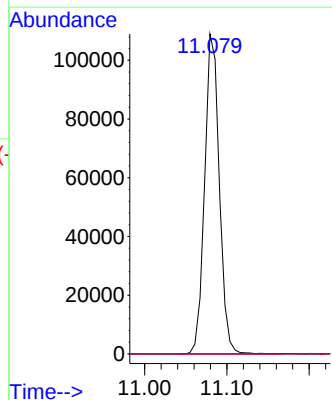
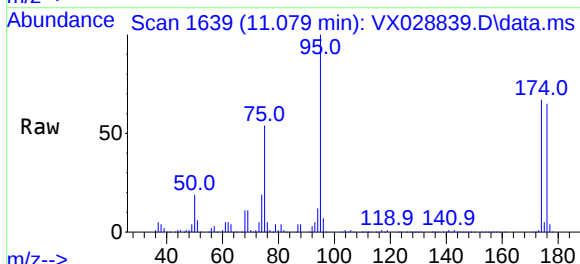
Instrument :
MSVOA_X
ClientSampleId :
MW-30

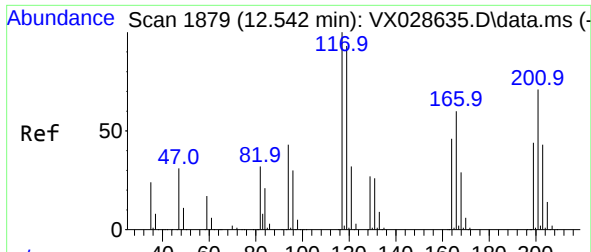
Tgt Ion: 75 Resp: 135204
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.207 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028839.D
Acq: 19 May 2022 20:36

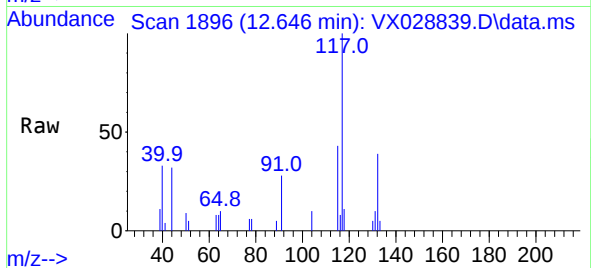
Tgt Ion: 75 Resp: 135204
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#90
Hexachloroethane
Concen: 0.719 ug/l
RT: 12.646 min Scan# 11
Delta R.T. 0.104 min
Lab File: VX028839.D
Acq: 19 May 2022 20:36

Instrument :
MSVOA_X
ClientSampleId :
MW-30



Tgt Ion:117 Resp: 1763
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#

