

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052022\
 Data File : VX028848.D
 Acq On : 20 May 2022 14:13
 Operator : JC/MD
 Sample : N2870-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RB-220511

Quant Time: May 20 23:28:23 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)

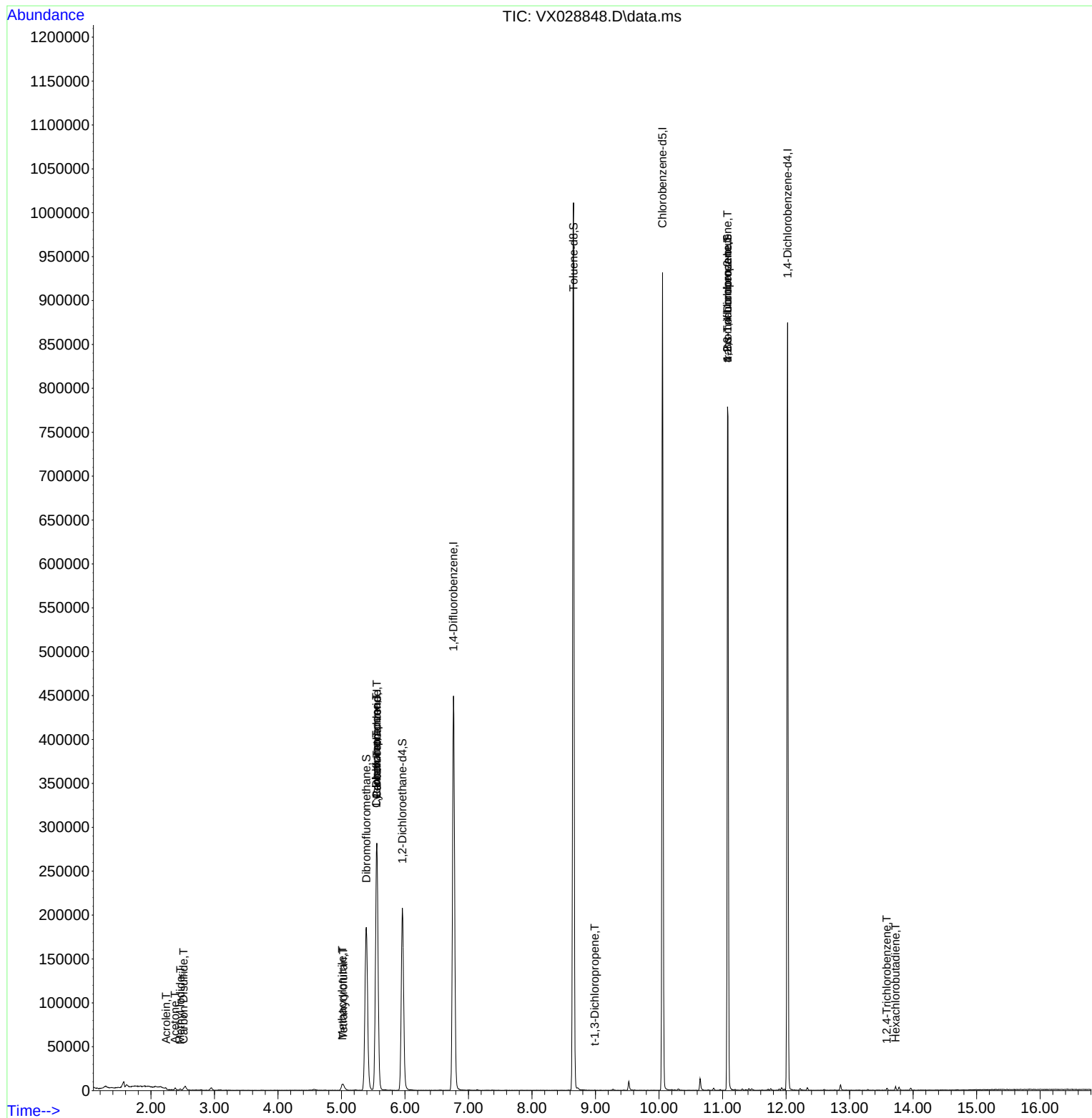
Internal Standards						
1) Pentafluorobenzene	5.556	168	259832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	455133	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	402385	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	172773	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	195953	55.017	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	110.040%
35) Dibromofluoromethane	5.391	113	162256	54.412	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	108.820%
50) Toluene-d8	8.653	98	591904	52.649	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.300%
62) 4-Bromofluorobenzene	11.079	95	204424	48.682	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.360%
Target Compounds						
						Qvalue
5) Bromomethane	1.617	94	1257	Below Cal		86
6) Chloroethane	1.703	64	594	Below Cal	#	89
10) Methyl Iodide	2.465	142	1170	0.337	ug/l	95
11) Tert butyl alcohol	2.953	59	1912	Below Cal	#	72
13) Acrolein	2.239	56	191	0.327	ug/l	87
16) Acetone	2.380	43	2423	1.585	ug/l	92
17) Carbon Disulfide	2.514	76	1913	0.274	ug/l	# 84
29) Tetrahydrofuran	5.025	42	6876	4.409	ug/l	93
31) Cyclohexane	5.550	56	5924	1.198	ug/l	# 7
36) 1,1-Dichloropropene	5.550	75	20634	4.607	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	27319	6.061	ug/l	# 15
41) Methacrylonitrile	5.013	41	4524	1.804	ug/l	# 40
53) t-1,3-Dichloropropene	8.988	75	133	1.666	ug/l	# 43
76) 1,2,3-Trichloropropane	11.079	75	109912	27.164	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	109912	78.635	ug/l	# 15
93) 1,2,4-Trichlorobenzene	13.585	180	737	0.214	ug/l	88
94) Hexachlorobutadiene	13.725	225	633	0.452	ug/l	91

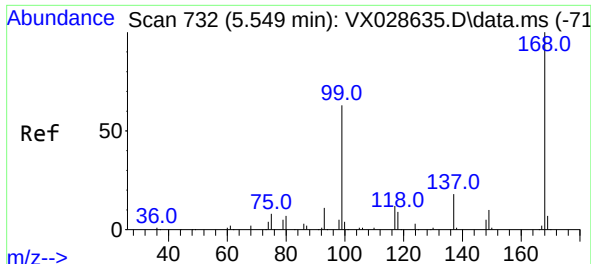
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
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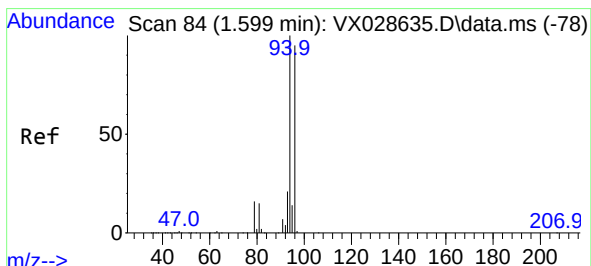
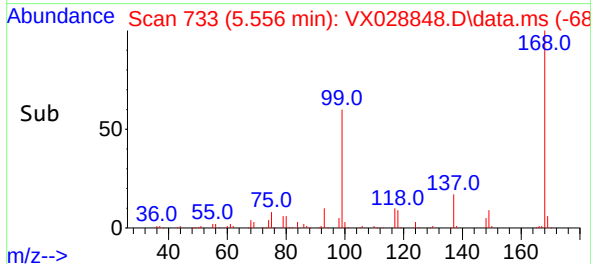
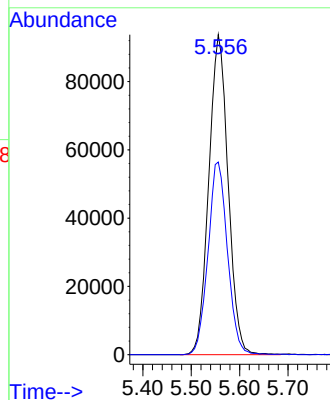
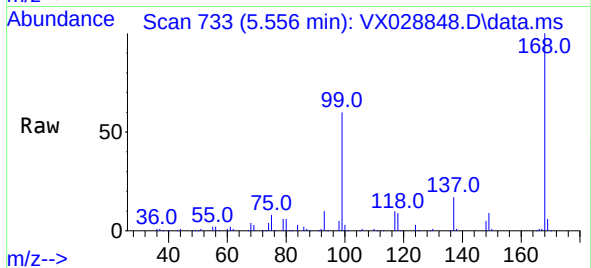




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028848.D
Acq: 20 May 2022 14:13

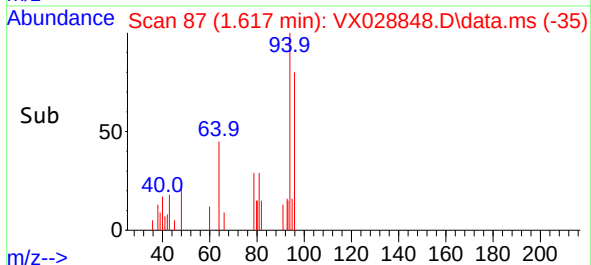
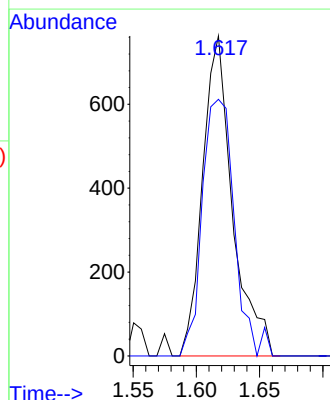
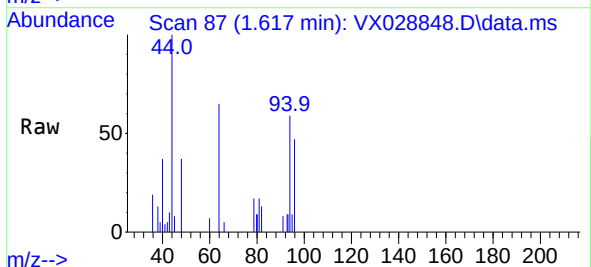
Instrument :
MSVOA_X
ClientSampleId :
RB-220511

Tgt Ion:168 Resp: 259832
Ion Ratio Lower Upper
168 100
99 60.2 41.7 62.5

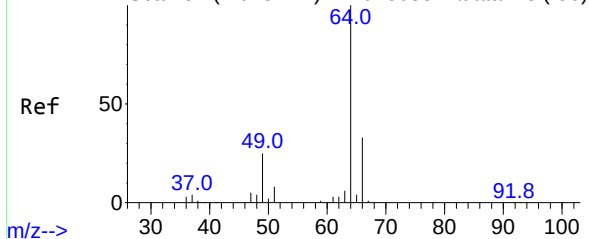


#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX028848.D
Acq: 20 May 2022 14:13

Tgt Ion: 94 Resp: 1257
Ion Ratio Lower Upper
94 100
96 80.2 75.3 112.9



Abundance Scan 97 (1.678 min): VX028635.D\data.ms (-90)

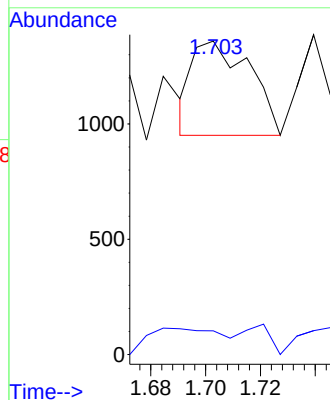
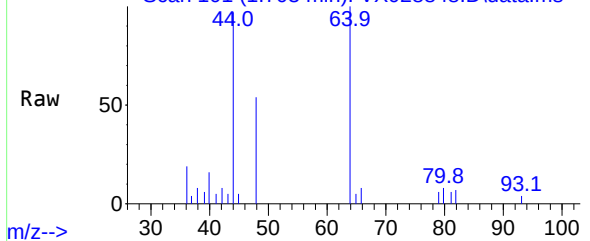


#6
Chloroethane
Concen: Below Cal
RT: 1.703 min Scan# 101
Delta R.T. 0.025 min
Lab File: VX028848.D
Acq: 20 May 2022 14:13

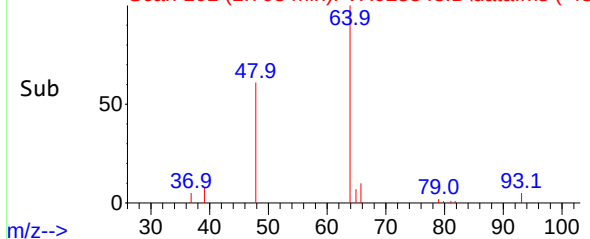
Instrument :
MSVOA_X
ClientSampleId :
RB-220511

Tgt Ion: 64 Resp: 594
Ion Ratio Lower Upper
64 100
66 25.2 25.3 37.9#

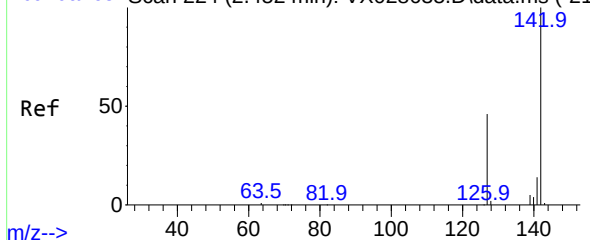
Abundance Scan 101 (1.703 min): VX028848.D\data.ms



Abundance Scan 101 (1.703 min): VX028848.D\data.ms (-48)



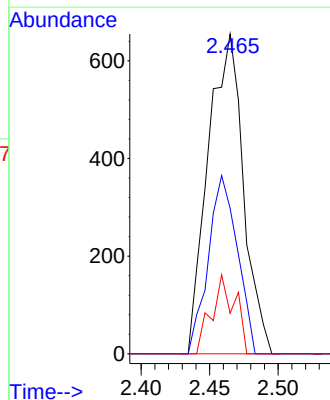
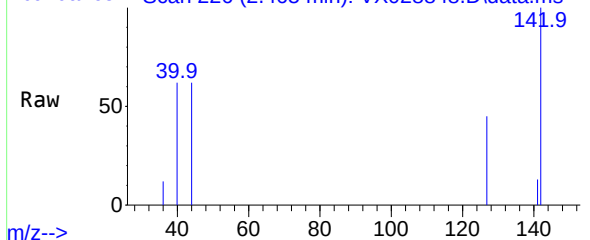
Abundance Scan 224 (2.452 min): VX028635.D\data.ms (-21)



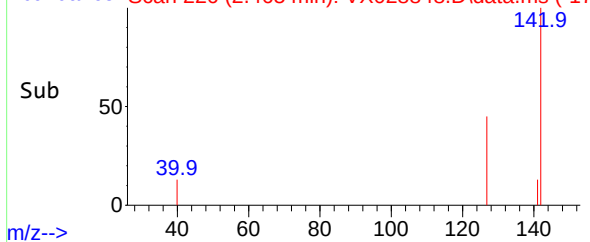
#10
Methyl Iodide
Concen: 0.337 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.013 min
Lab File: VX028848.D
Acq: 20 May 2022 14:13

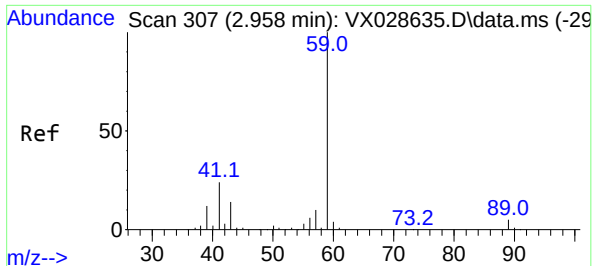
Tgt Ion: 142 Resp: 1170
Ion Ratio Lower Upper
142 100
127 46.0 33.9 50.9
141 16.3 11.4 17.2

Abundance Scan 226 (2.465 min): VX028848.D\data.ms



Abundance Scan 226 (2.465 min): VX028848.D\data.ms (-17)

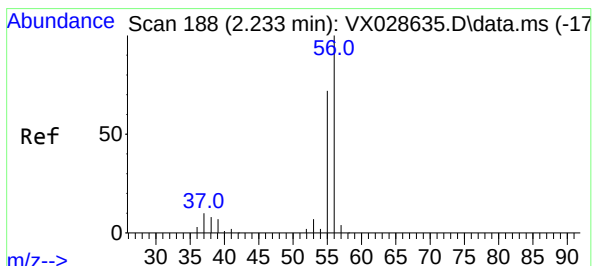
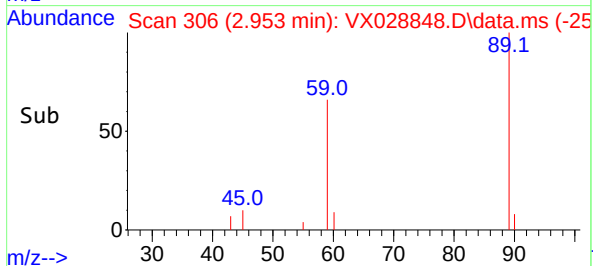
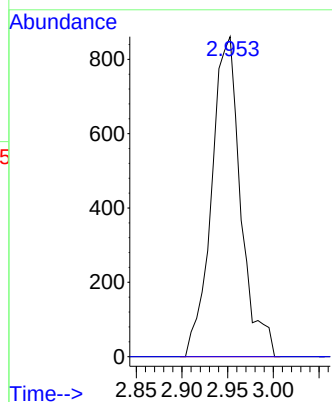
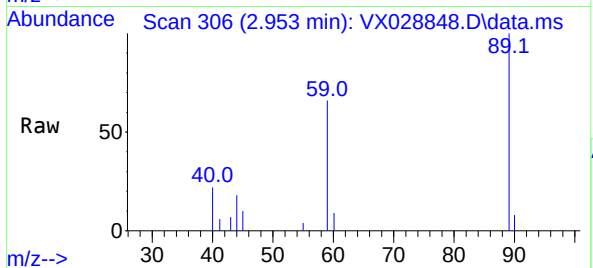




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 307
Delta R.T. -0.005 min
Lab File: VX028848.D
Acq: 20 May 2022 14:13

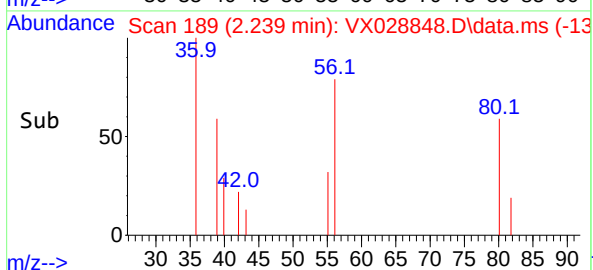
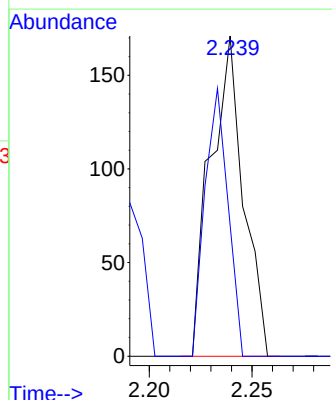
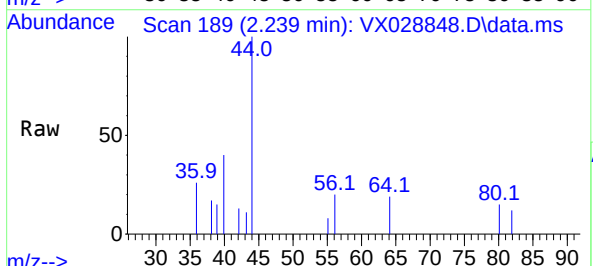
Instrument :
MSVOA_X
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RB-220511

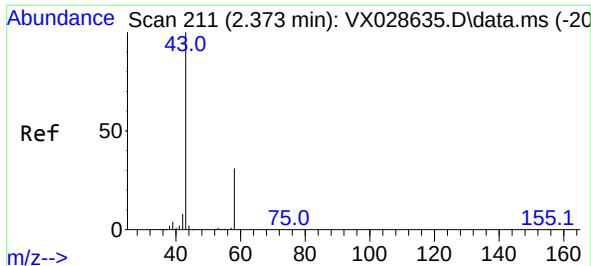
Tgt Ion: 59 Resp: 1912
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#13
Acrolein
Concen: 0.327 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX028848.D
Acq: 20 May 2022 14:13

Tgt Ion: 56 Resp: 191
Ion Ratio Lower Upper
56 100
55 58.1 55.0 82.6

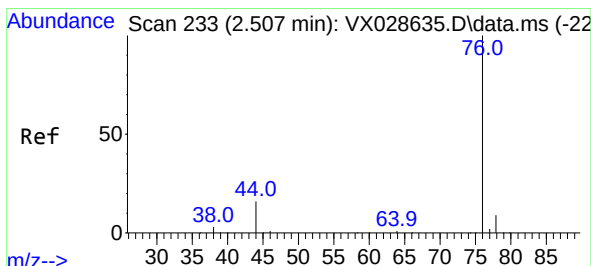
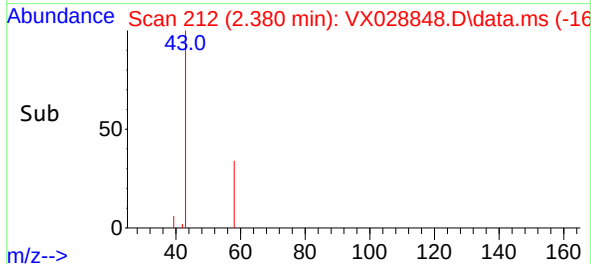
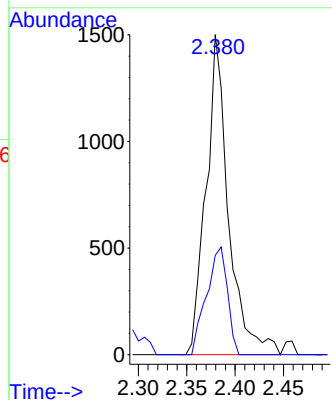
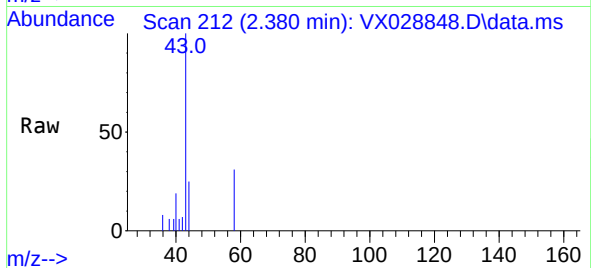




#16
Acetone
Concen: 1.585 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028848.D
Acq: 20 May 2022 14:13

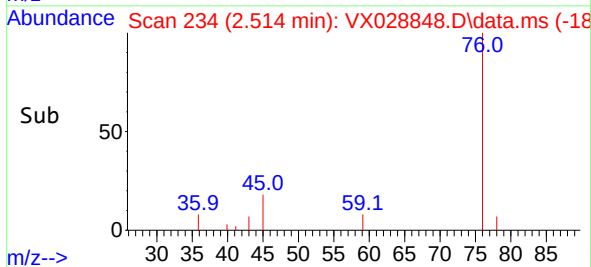
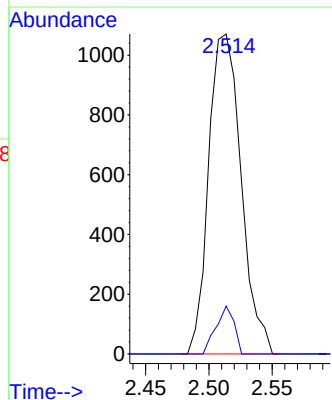
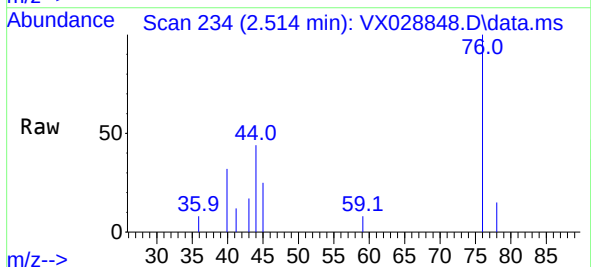
Instrument :
MSVOA_X
ClientSampleId :
RB-220511

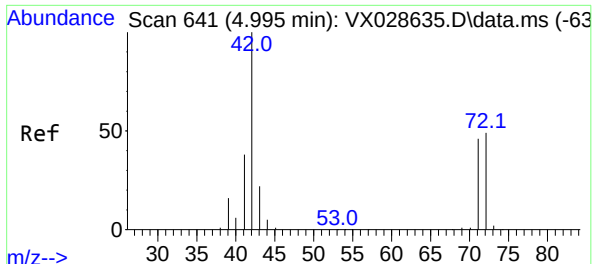
Tgt Ion: 43 Resp: 2423
Ion Ratio Lower Upper
43 100
58 31.0 28.8 43.2



#17
Carbon Disulfide
Concen: 0.274 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.007 min
Lab File: VX028848.D
Acq: 20 May 2022 14:13

Tgt Ion: 76 Resp: 1913
Ion Ratio Lower Upper
76 100
78 14.9 7.2 10.8#





#29

Tetrahydrofuran

Concen: 4.409 ug/l

RT: 5.025 min Scan# 641

Delta R.T. 0.030 min

Lab File: VX028848.D

Acq: 20 May 2022 14:13

Instrument :

MSVOA_X

ClientSampleId :

RB-220511

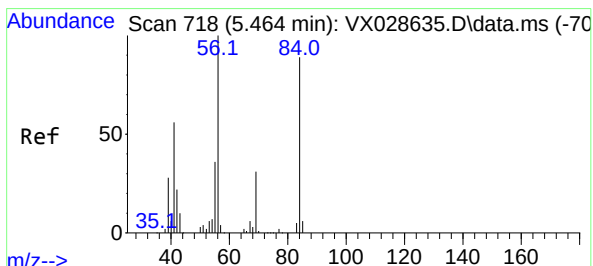
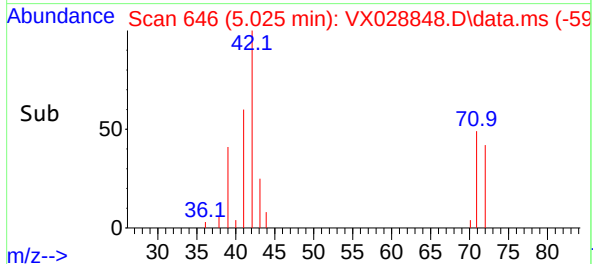
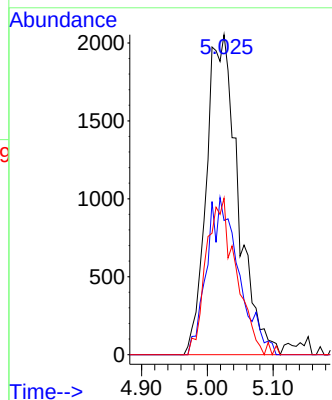
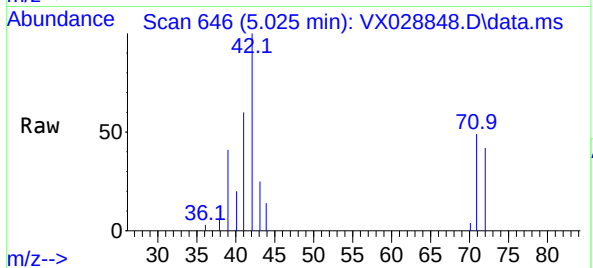
Tgt Ion: 42 Resp: 6876

Ion Ratio Lower Upper

42 100

72 50.0 44.1 66.1

71 46.0 40.5 60.7



#31

Cyclohexane

Concen: 1.198 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.086 min

Lab File: VX028848.D

Acq: 20 May 2022 14:13

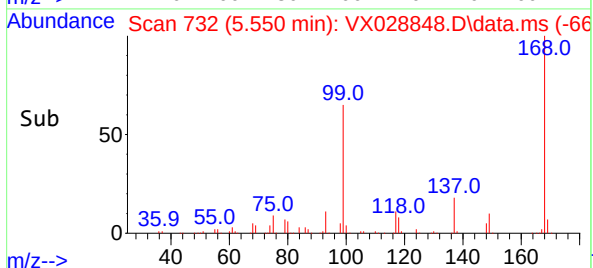
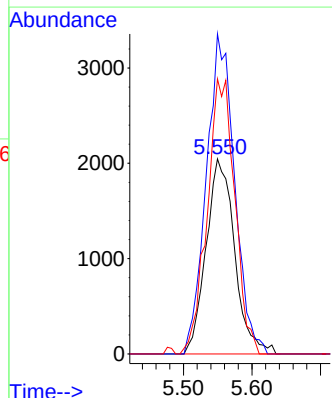
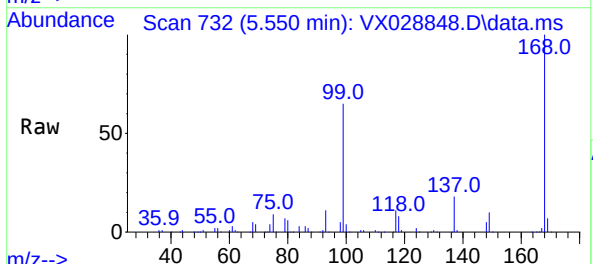
Tgt Ion: 56 Resp: 5924

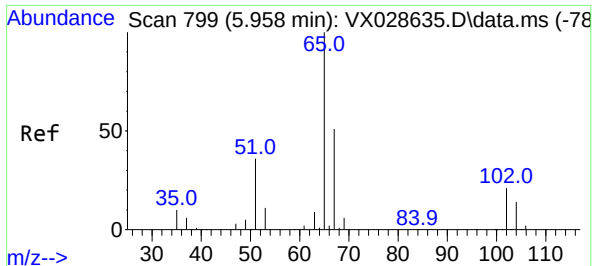
Ion Ratio Lower Upper

56 100

69 164.1 26.7 40.1#

84 141.1 77.2 115.8#

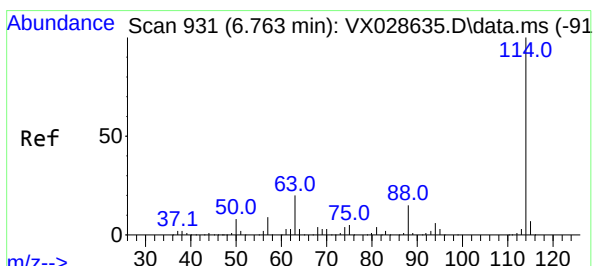
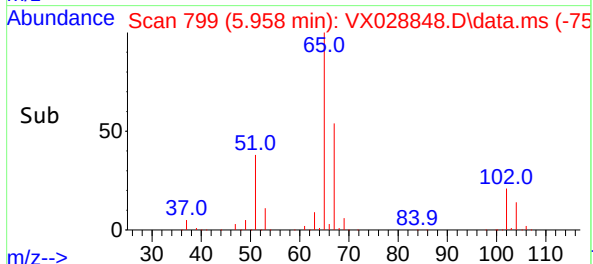
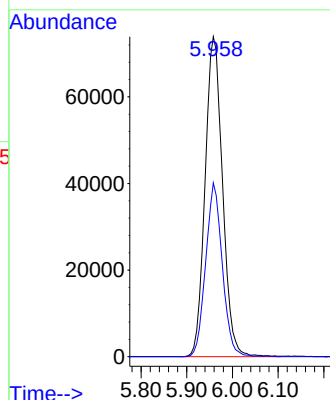
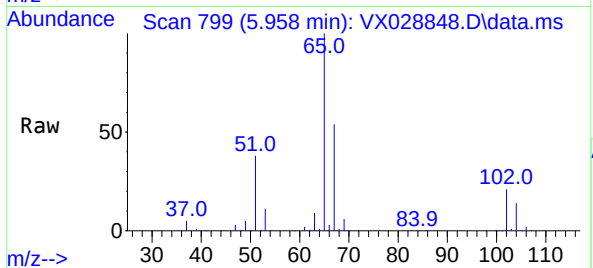




#33
1,2-Dichloroethane-d4
Concen: 55.017 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028848.D
Acq: 20 May 2022 14:13

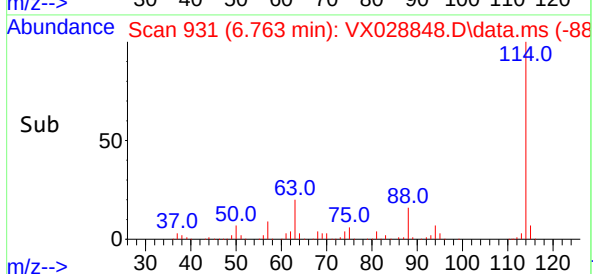
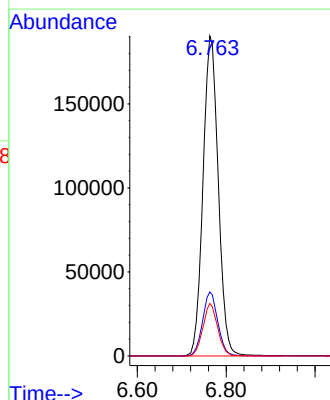
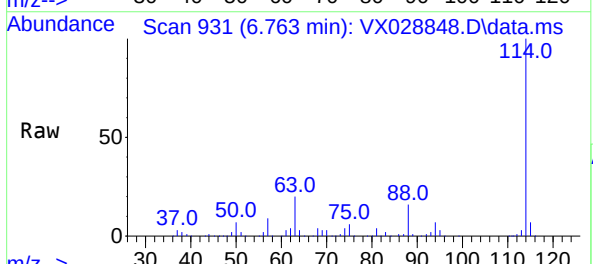
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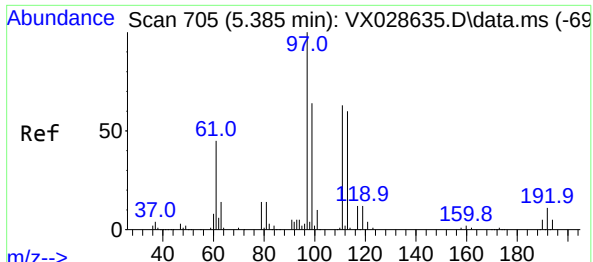
Tgt Ion: 65 Resp: 195953
Ion Ratio Lower Upper
65 100
67 51.7 0.0 107.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX028848.D
Acq: 20 May 2022 14:13

Tgt Ion:114 Resp: 455133
Ion Ratio Lower Upper
114 100
63 20.0 0.0 36.8
88 16.4 0.0 32.4





#35

Dibromofluoromethane

Concen: 54.412 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028848.D

Acq: 20 May 2022 14:13

Instrument :

MSVOA_X

ClientSampleId :

RB-220511

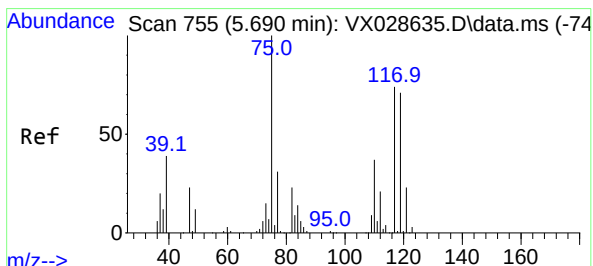
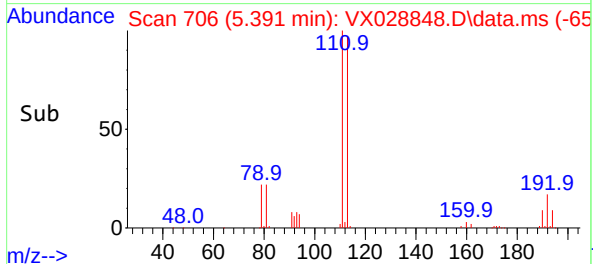
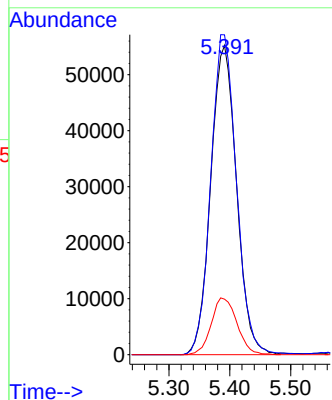
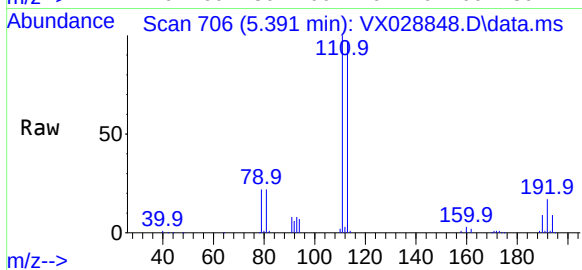
Tgt Ion:113 Resp: 162256

Ion Ratio Lower Upper

113 100

111 103.1 82.8 124.2

192 18.3 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.607 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX028848.D

Acq: 20 May 2022 14:13

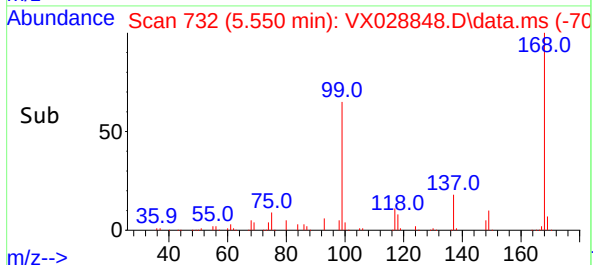
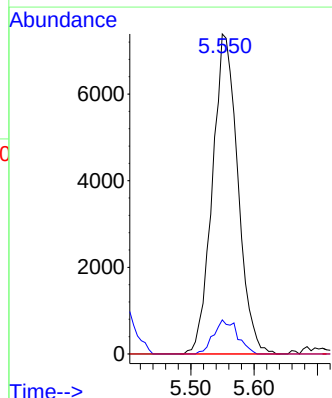
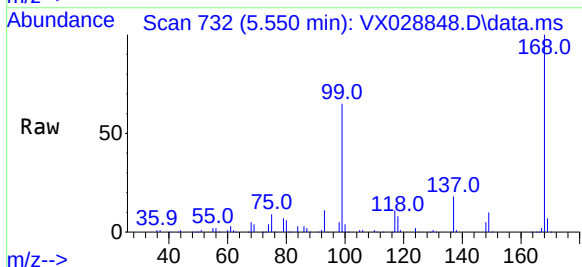
Tgt Ion: 75 Resp: 20634

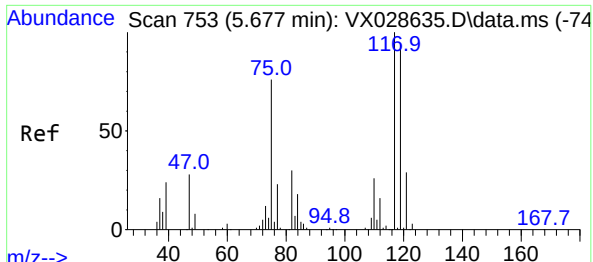
Ion Ratio Lower Upper

75 100

110 10.0 18.3 54.8#

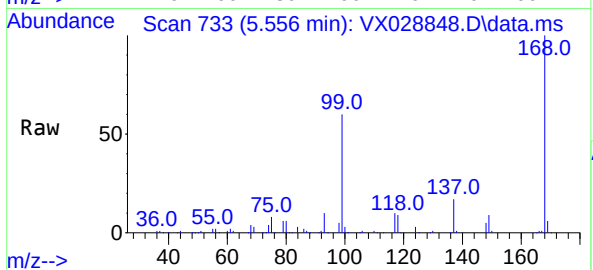
77 0.0 24.8 37.2#



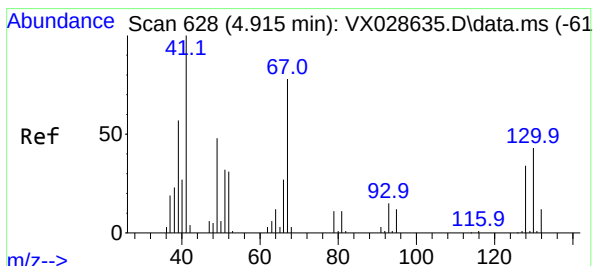
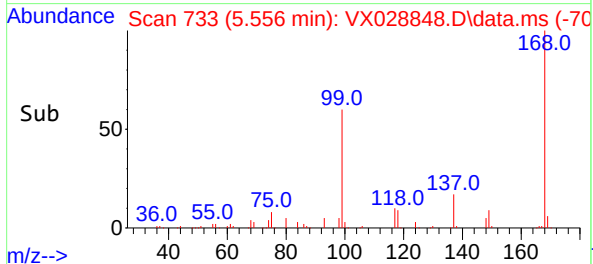
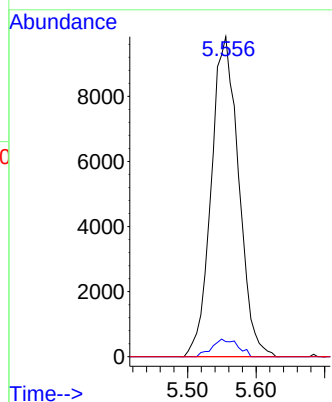


#38
Carbon Tetrachloride
Concen: 6.061 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.121 min
Lab File: VX028848.D
Acq: 20 May 2022 14:13

Instrument :
MSVOA_X
ClientSampleId :
RB-220511

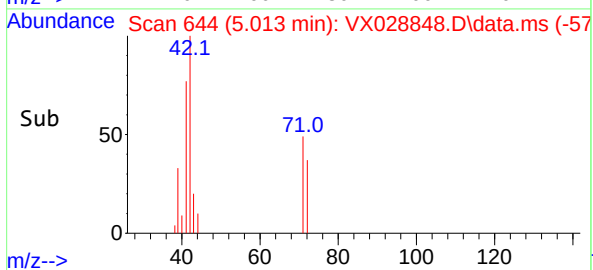
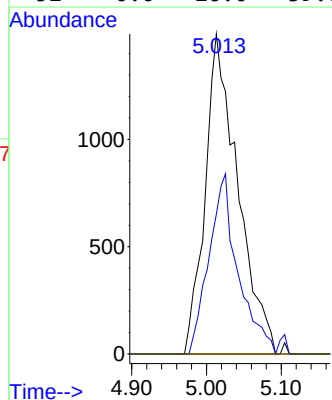
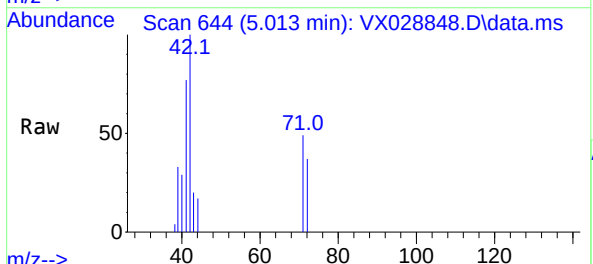


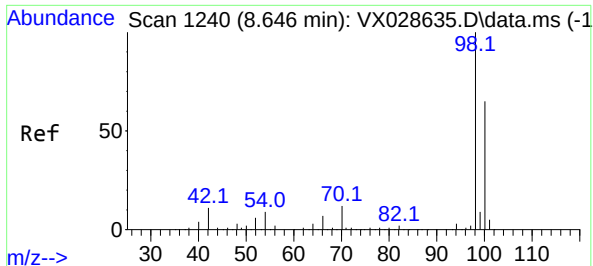
Tgt Ion:117 Resp: 27319
Ion Ratio Lower Upper
117 100
119 4.7 77.3 115.9#
121 0.0 24.2 36.2#



#41
Methacrylonitrile
Concen: 1.804 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.098 min
Lab File: VX028848.D
Acq: 20 May 2022 14:13

Tgt Ion: 41 Resp: 4524
Ion Ratio Lower Upper
41 100
39 50.0 43.0 64.4
67 0.0 70.2 105.4#
52 0.0 26.0 39.0#





#50

Toluene-d8

Concen: 52.649 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.007 min

Lab File: VX028848.D

Acq: 20 May 2022 14:13

Instrument :

MSVOA_X

ClientSampleId :

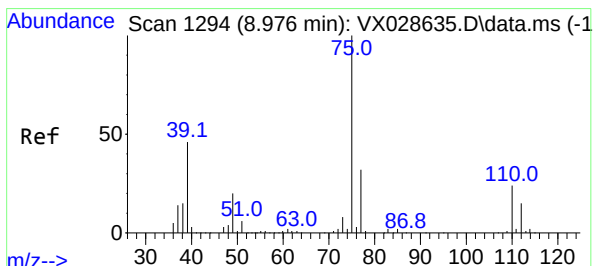
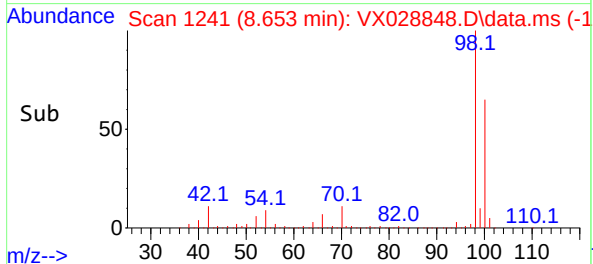
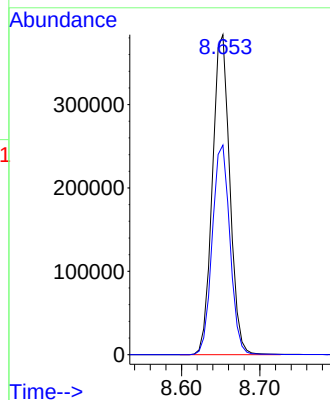
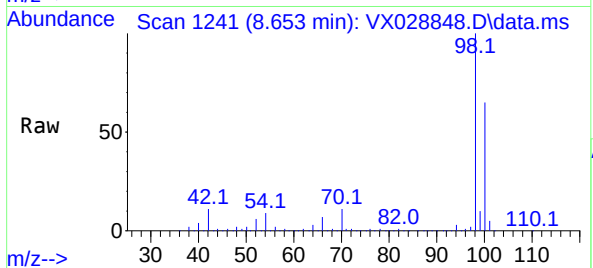
RB-220511

Tgt Ion: 98 Resp: 591904

Ion Ratio Lower Upper

98 100

100 66.5 52.6 78.8



#53

t-1,3-Dichloropropene

Concen: 1.666 ug/l

RT: 8.988 min Scan# 1296

Delta R.T. 0.012 min

Lab File: VX028848.D

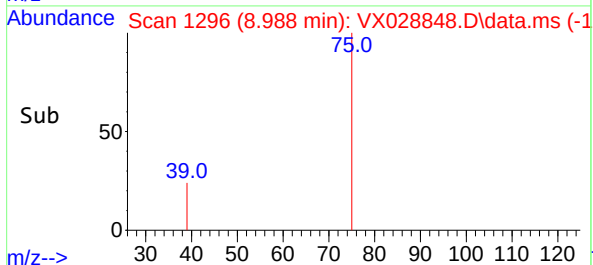
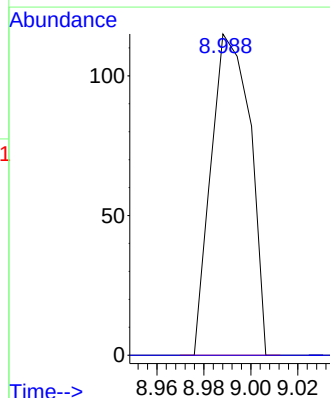
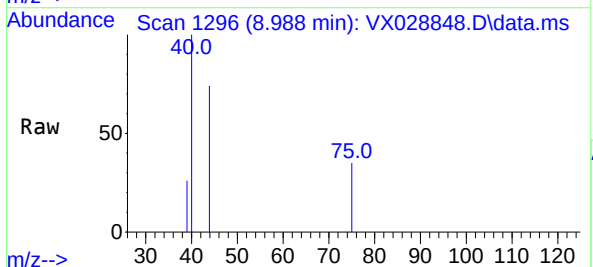
Acq: 20 May 2022 14:13

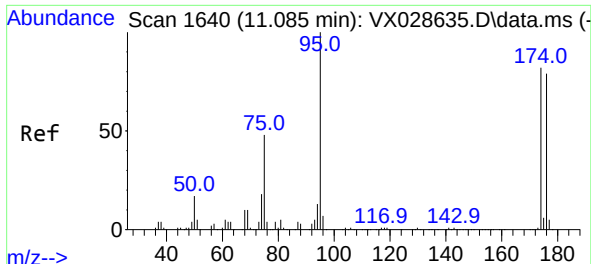
Tgt Ion: 75 Resp: 133

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#

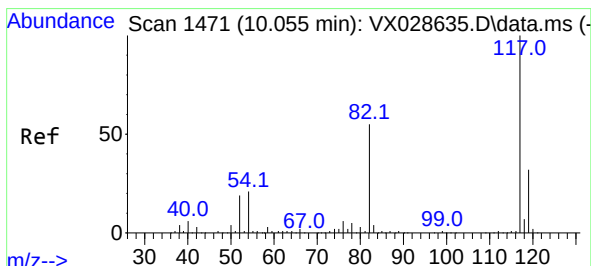
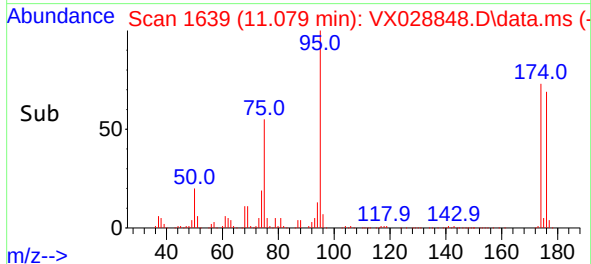
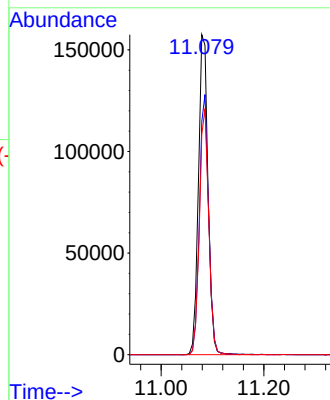
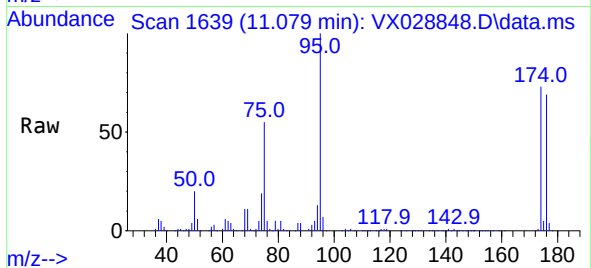




#62
4-Bromofluorobenzene
Concen: 48.682 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028848.D
Acq: 20 May 2022 14:13

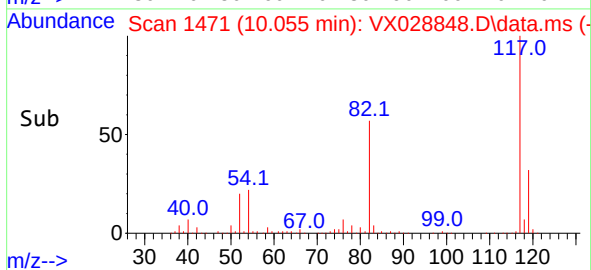
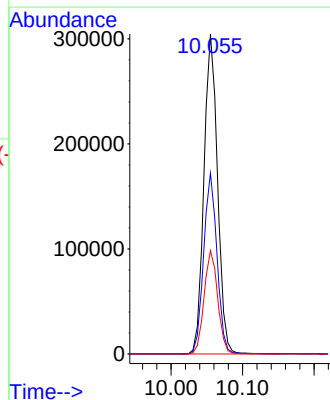
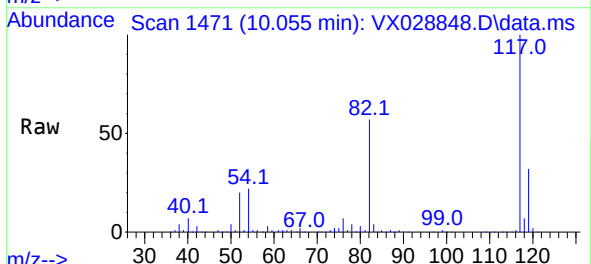
Instrument :
MSVOA_X
ClientSampleId :
RB-220511

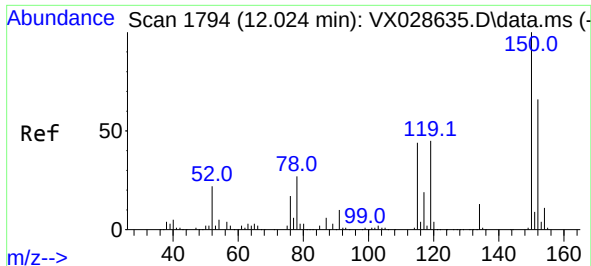
Tgt Ion: 95 Resp: 204424
Ion Ratio Lower Upper
95 100
174 78.3 0.0 163.0
176 74.7 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028848.D
Acq: 20 May 2022 14:13

Tgt Ion: 117 Resp: 402385
Ion Ratio Lower Upper
117 100
82 56.5 41.8 62.8
119 32.3 24.8 37.2

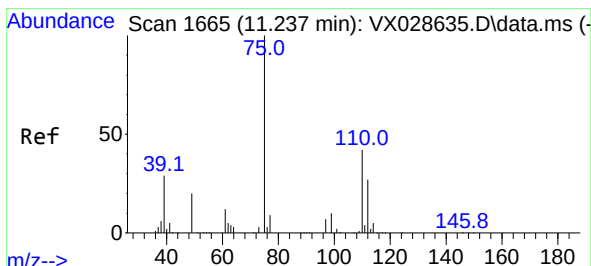
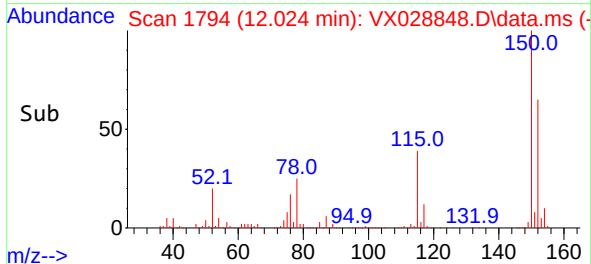
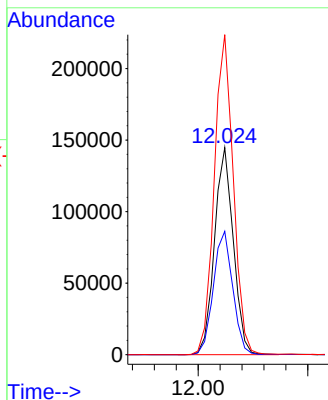
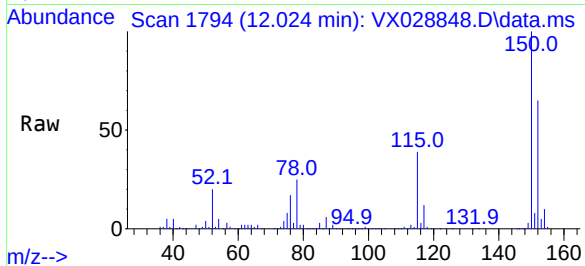




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028848.D
Acq: 20 May 2022 14:13

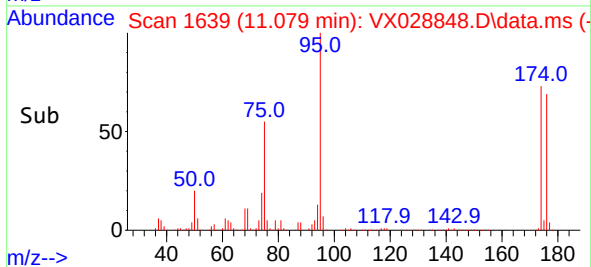
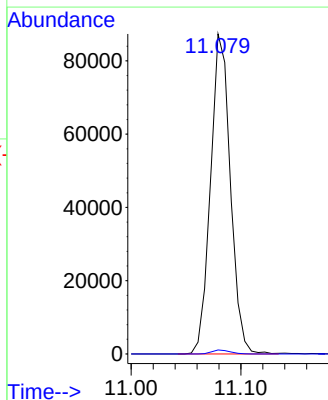
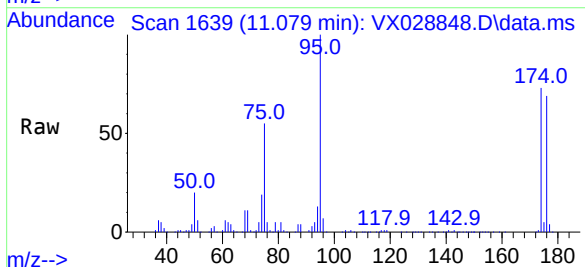
Instrument :
MSVOA_X
ClientSampleId :
RB-220511

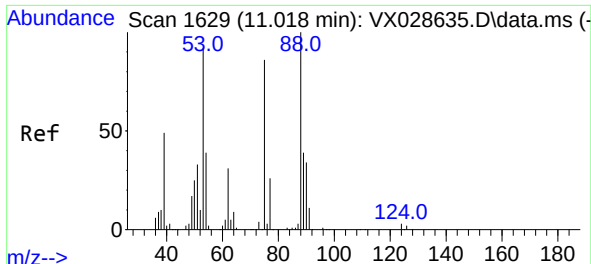
Tgt Ion:152 Resp: 172773
Ion Ratio Lower Upper
152 100
115 61.5 37.5 112.7
150 156.7 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 27.164 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028848.D
Acq: 20 May 2022 14:13

Tgt Ion: 75 Resp: 109912
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#

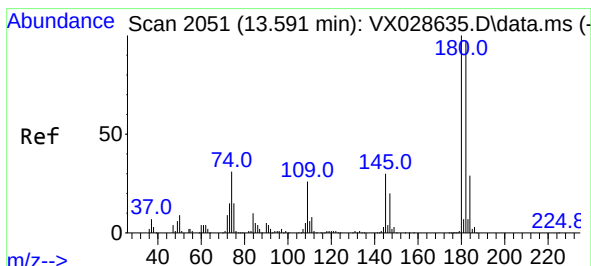
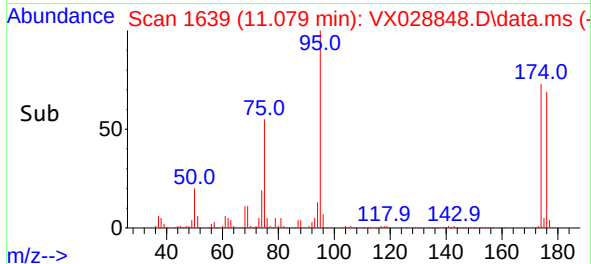
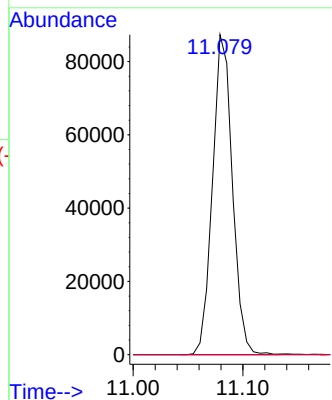
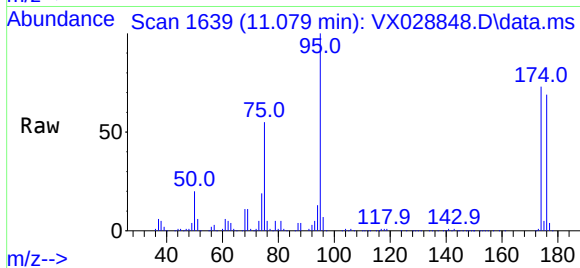




#81
trans-1,4-Dichloro-2-butene
Concen: 78.635 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX028848.D
Acq: 20 May 2022 14:13

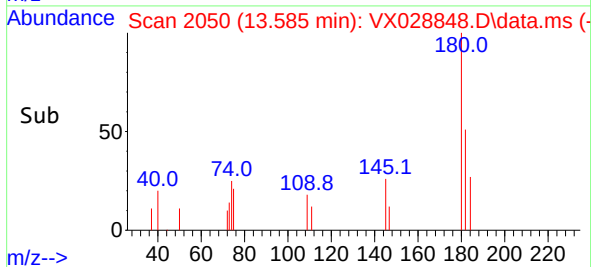
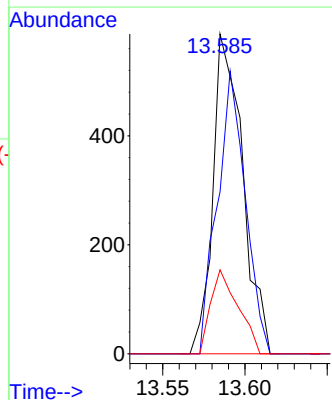
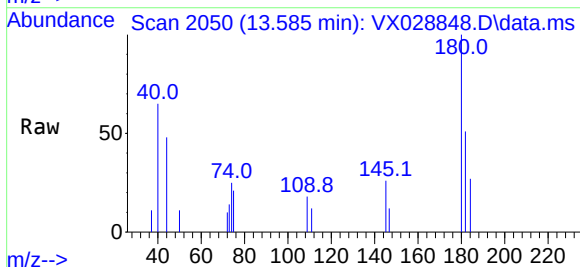
Instrument :
MSVOA_X
ClientSampleId :
RB-220511

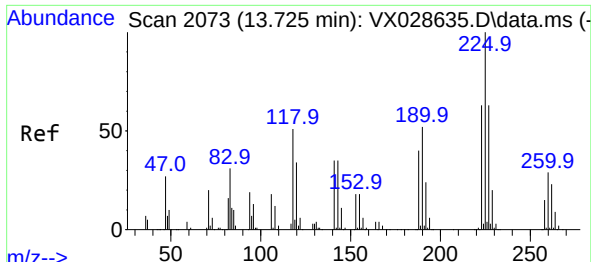
Tgt Ion: 75 Resp: 109912
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#93
1,2,4-Trichlorobenzene
Concen: 0.214 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VX028848.D
Acq: 20 May 2022 14:13

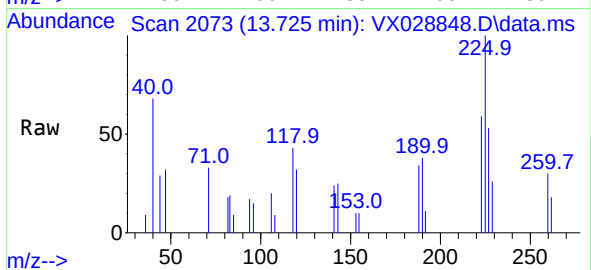
Tgt Ion:180 Resp: 737
Ion Ratio Lower Upper
180 100
182 83.4 47.7 143.1
145 24.2 15.2 45.5





#94
Hexachlorobutadiene
Concen: 0.452 ug/l
RT: 13.725 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX028848.D
Acq: 20 May 2022 14:13

Instrument :
MSVOA_X
ClientSampleId :
RB-220511



Tgt Ion: 225 Resp: 633

Ion	Ratio	Lower	Upper
225	100		
223	55.1	34.2	102.5
227	66.0	33.9	101.7

