

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052022\
 Data File : VX028849.D
 Acq On : 20 May 2022 14:36
 Operator : JC/MD
 Sample : N2943-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14

Quant Time: May 20 23:28:46 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)

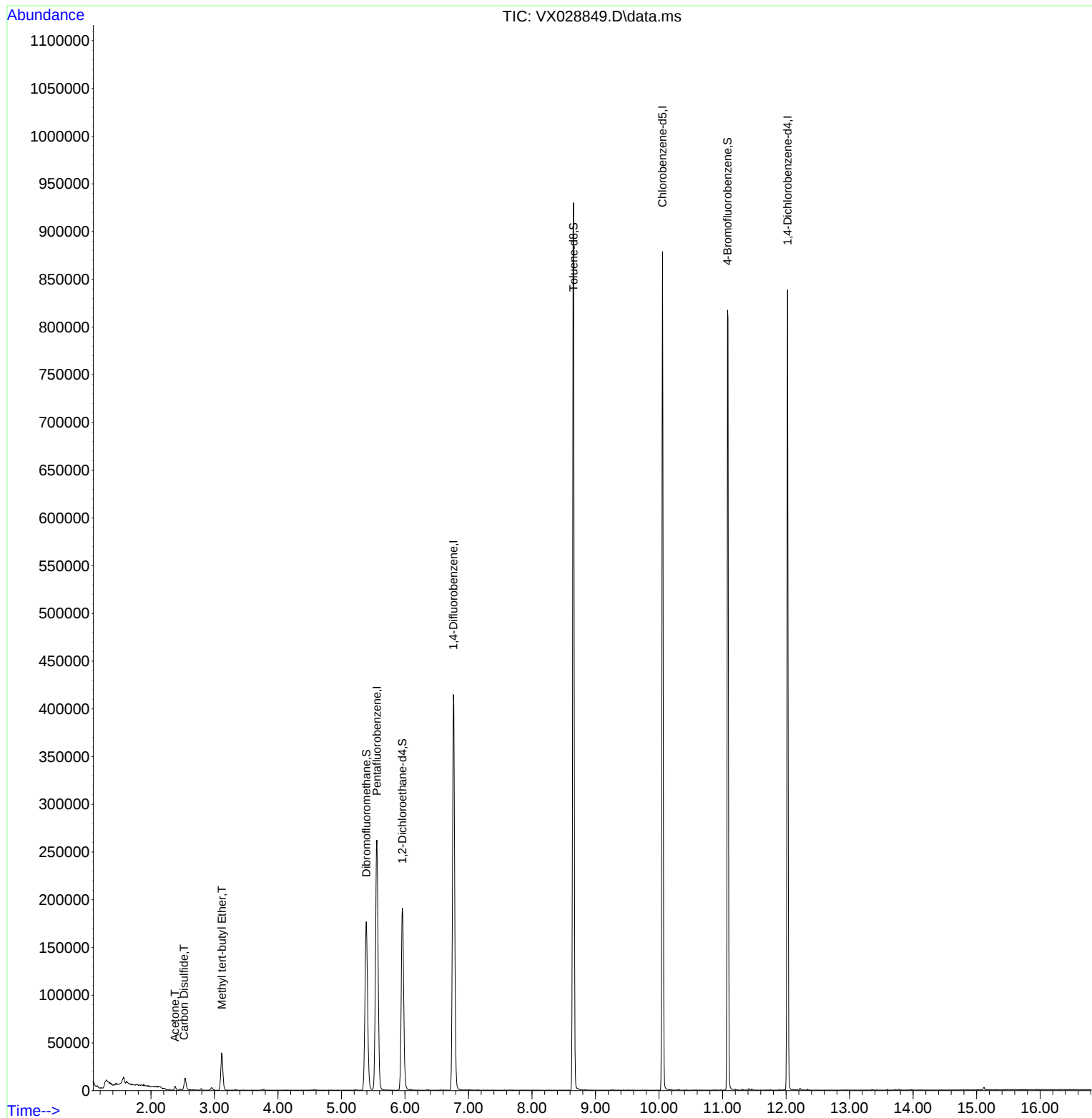
Internal Standards						
1) Pentafluorobenzene	5.556	168	240150	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	425654	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	377358	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	161112	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	184035	55.905	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	111.820%
35) Dibromofluoromethane	5.391	113	150086	53.817	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	107.640%
50) Toluene-d8	8.653	98	551473	52.449	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.900%
62) 4-Bromofluorobenzene	11.079	95	221992	56.527	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	113.060%
Target Compounds						
						Qvalue
16) Acetone	2.380	43	4042	2.861	ug/l	97
17) Carbon Disulfide	2.520	76	3702	0.575	ug/l	# 91
19) Methyl tert-butyl Ether	3.117	73	41233	4.675	ug/l	97

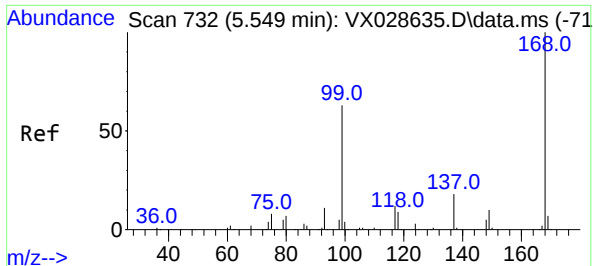
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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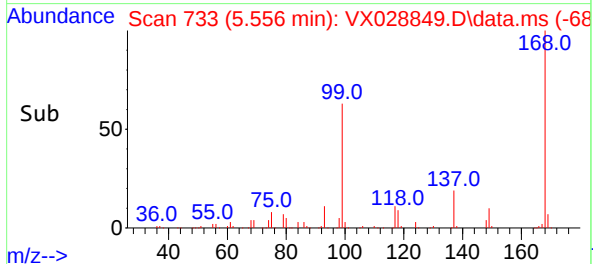
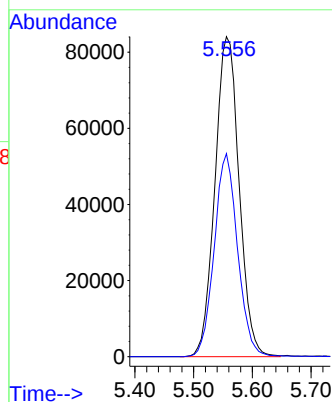
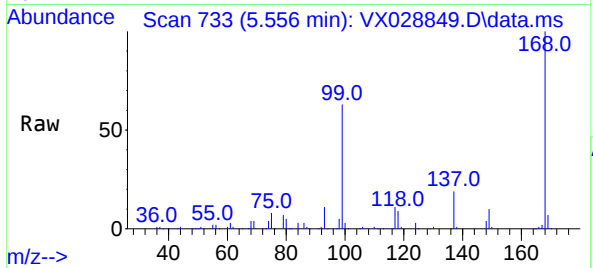




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028849.D
Acq: 20 May 2022 14:36

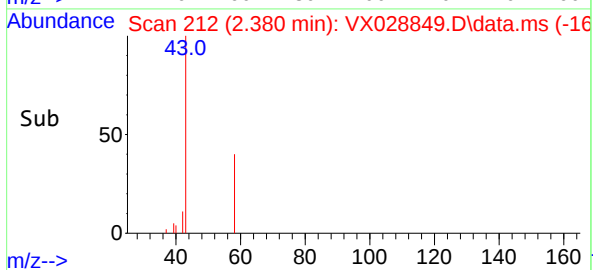
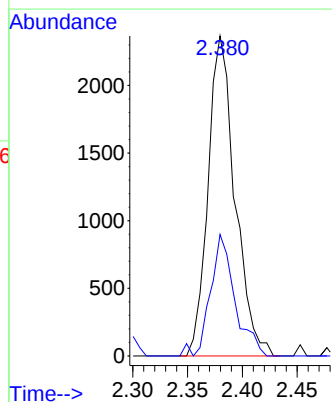
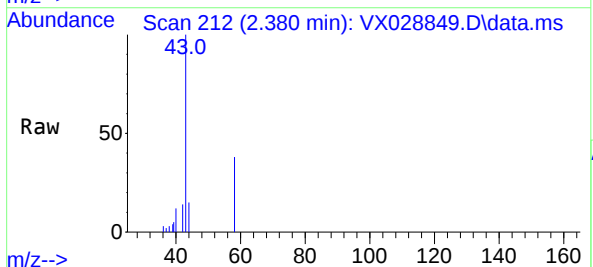
Instrument :
MSVOA_X
ClientSampleId :
MW-14

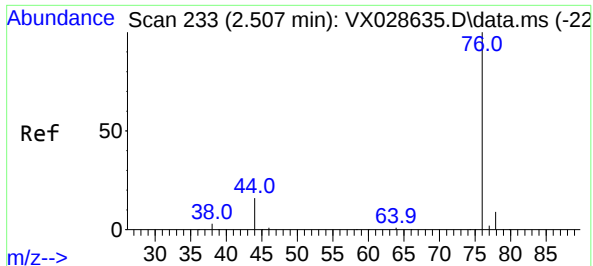
Tgt Ion:168 Resp: 240150
Ion Ratio Lower Upper
168 100
99 63.4 41.7 62.5#



#16
Acetone
Concen: 2.861 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.007 min
Lab File: VX028849.D
Acq: 20 May 2022 14:36

Tgt Ion: 43 Resp: 4042
Ion Ratio Lower Upper
43 100
58 38.0 28.8 43.2

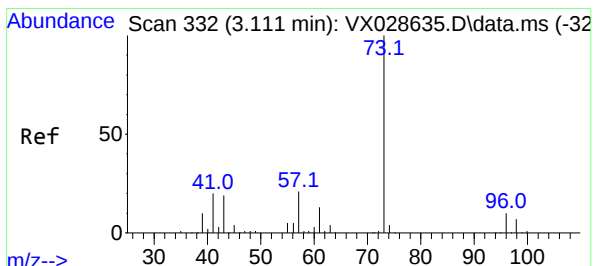
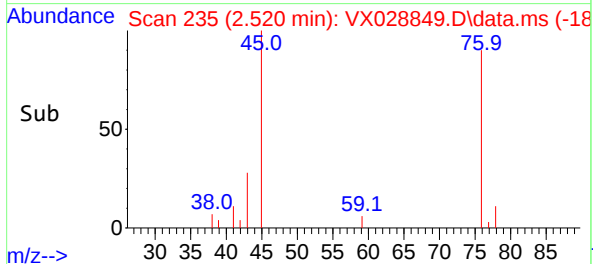
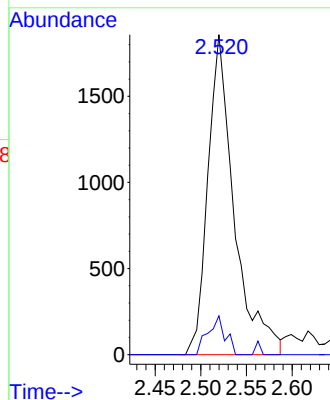
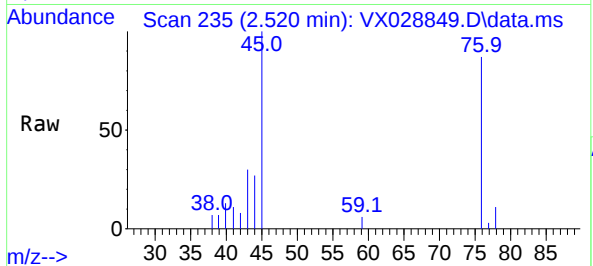




#17
Carbon Disulfide
Concen: 0.575 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.013 min
Lab File: VX028849.D
Acq: 20 May 2022 14:36

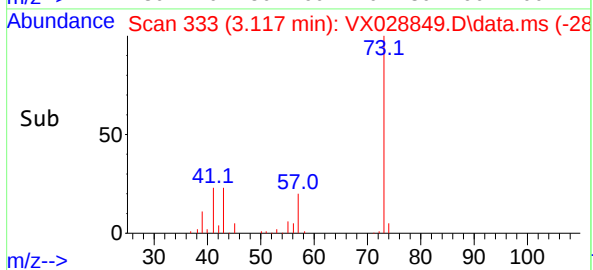
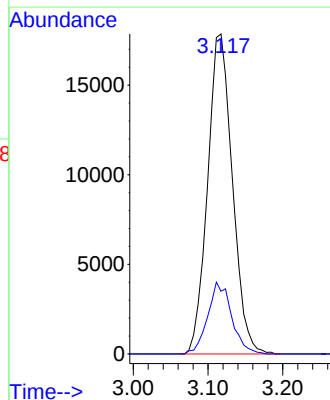
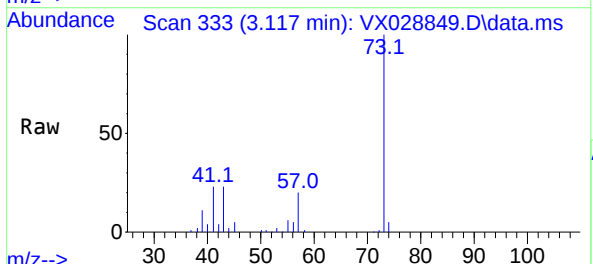
Instrument :
MSVOA_X
ClientSampleId :
MW-14

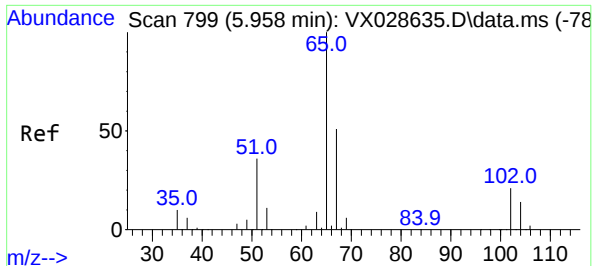
Tgt Ion: 76 Resp: 3702
Ion Ratio Lower Upper
76 100
78 12.2 7.2 10.8#



#19
Methyl tert-butyl Ether
Concen: 4.675 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX028849.D
Acq: 20 May 2022 14:36

Tgt Ion: 73 Resp: 41233
Ion Ratio Lower Upper
73 100
57 19.6 16.8 25.2





#33

1,2-Dichloroethane-d4

Concen: 55.905 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028849.D

Acq: 20 May 2022 14:36

Instrument :

MSVOA_X

ClientSampleId :

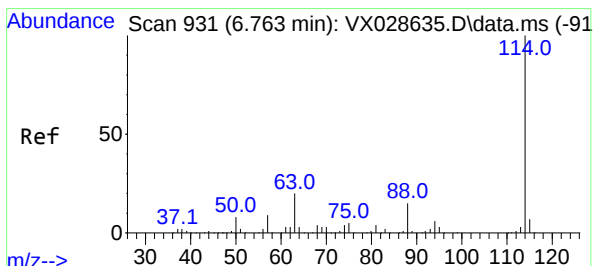
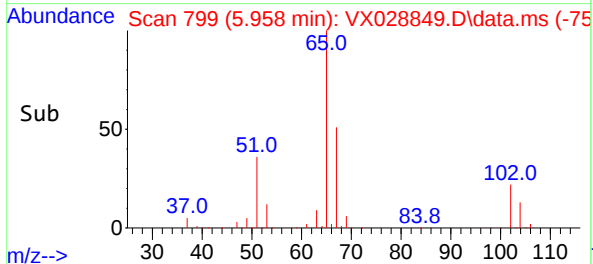
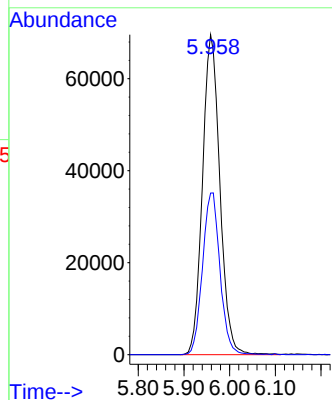
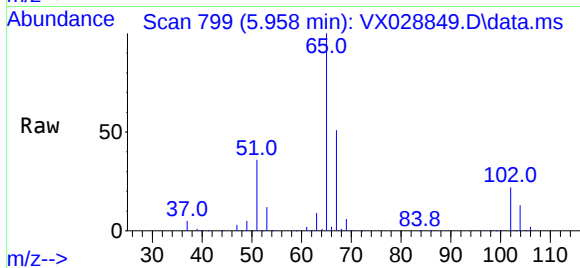
MW-14

Tgt Ion: 65 Resp: 184035

Ion Ratio Lower Upper

65 100

67 50.7 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: VX028849.D

Acq: 20 May 2022 14:36

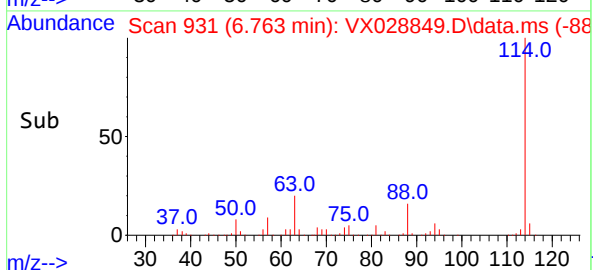
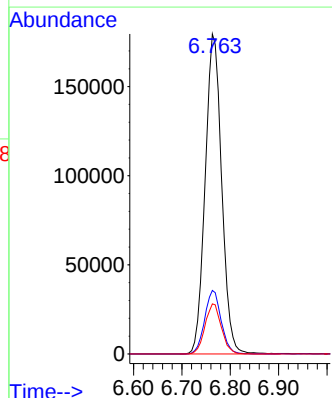
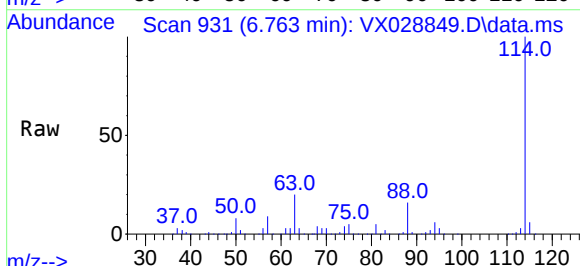
Tgt Ion: 114 Resp: 425654

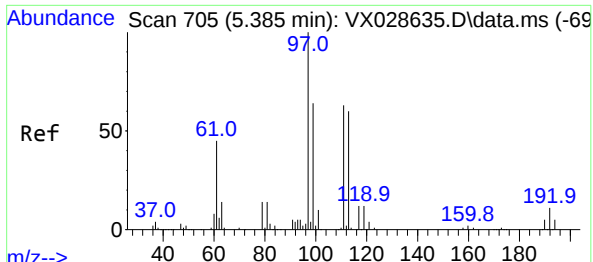
Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.8

88 15.7 0.0 32.4





#35

Dibromofluoromethane

Concen: 53.817 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028849.D

Acq: 20 May 2022 14:36

Instrument :

MSVOA_X

ClientSampleId :

MW-14

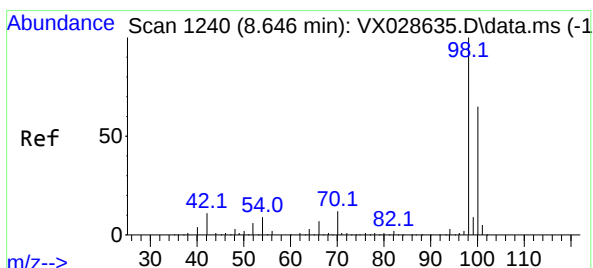
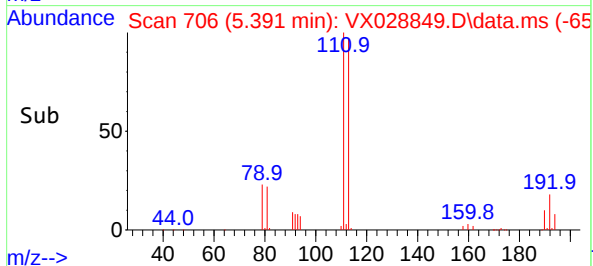
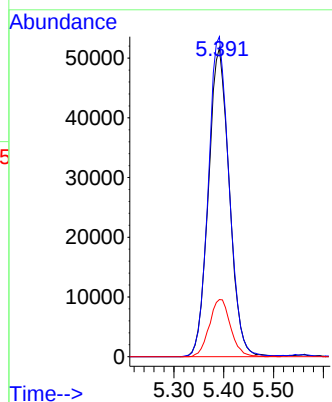
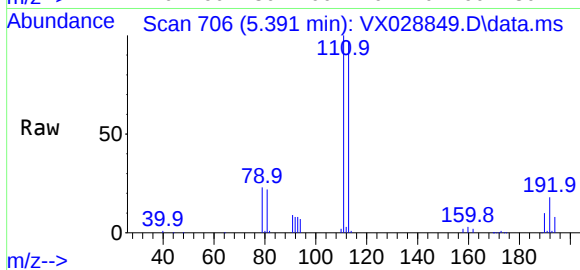
Tgt Ion:113 Resp: 150086

Ion Ratio Lower Upper

113 100

111 103.3 82.8 124.2

192 18.8 16.9 25.3



#50

Toluene-d8

Concen: 52.449 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.007 min

Lab File: VX028849.D

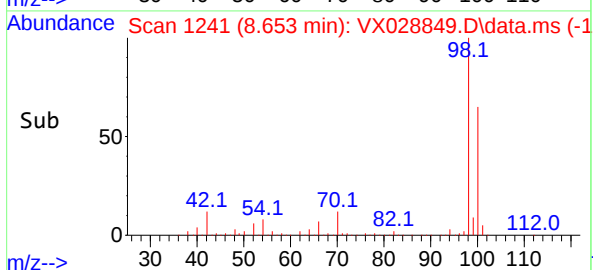
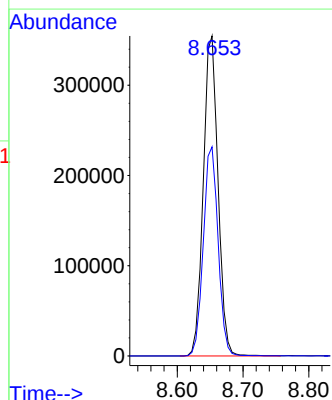
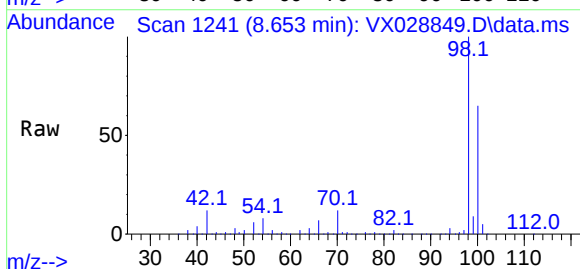
Acq: 20 May 2022 14:36

Tgt Ion: 98 Resp: 551473

Ion Ratio Lower Upper

98 100

100 65.7 52.6 78.8

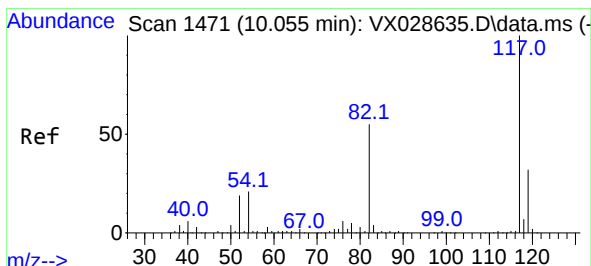
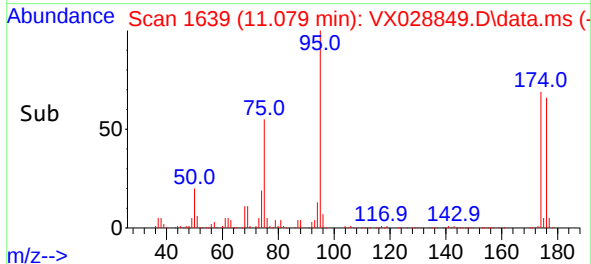
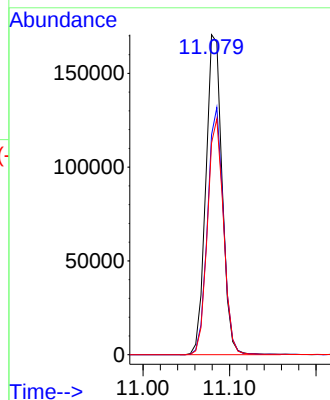
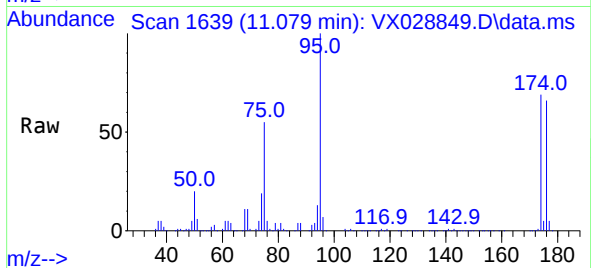




#62
4-Bromofluorobenzene
Concen: 56.527 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028849.D
Acq: 20 May 2022 14:36

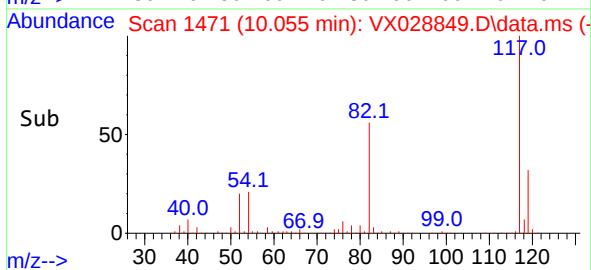
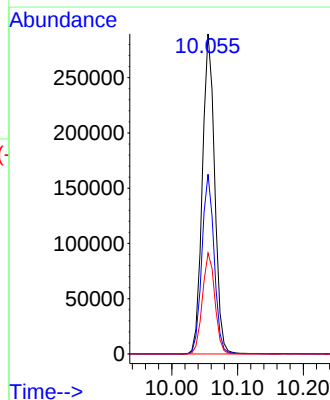
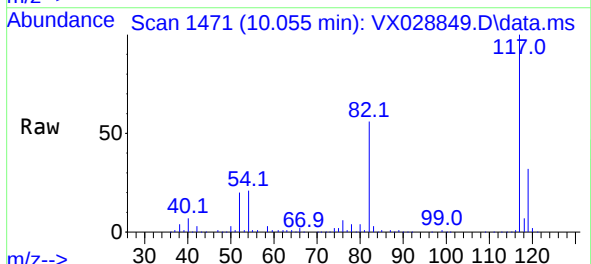
Instrument :
MSVOA_X
ClientSampleId :
MW-14

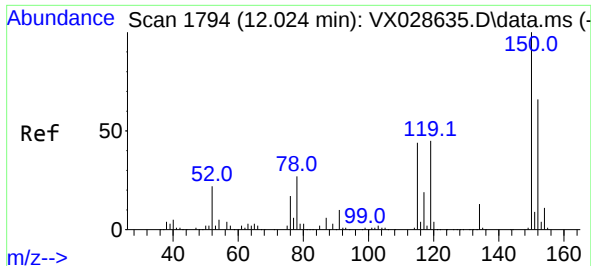
Tgt Ion: 95 Resp: 221992
Ion Ratio Lower Upper
95 100
174 75.5 0.0 163.0
176 72.8 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028849.D
Acq: 20 May 2022 14:36

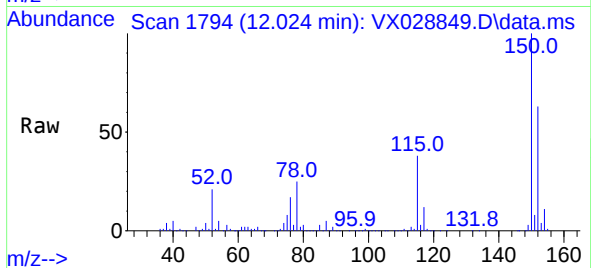
Tgt Ion: 117 Resp: 377358
Ion Ratio Lower Upper
117 100
82 56.1 41.8 62.8
119 31.6 24.8 37.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028849.D
 Acq: 20 May 2022 14:36

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14



Tgt Ion:152 Resp: 161112
 Ion Ratio Lower Upper
 152 100
 115 61.6 37.5 112.7
 150 157.8 0.0 338.2

