

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051922\
 Data File : VX028832.D
 Acq On : 19 May 2022 17:52
 Operator : JC/MD
 Sample : N2943-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14

Quant Time: May 20 01:49:15 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)

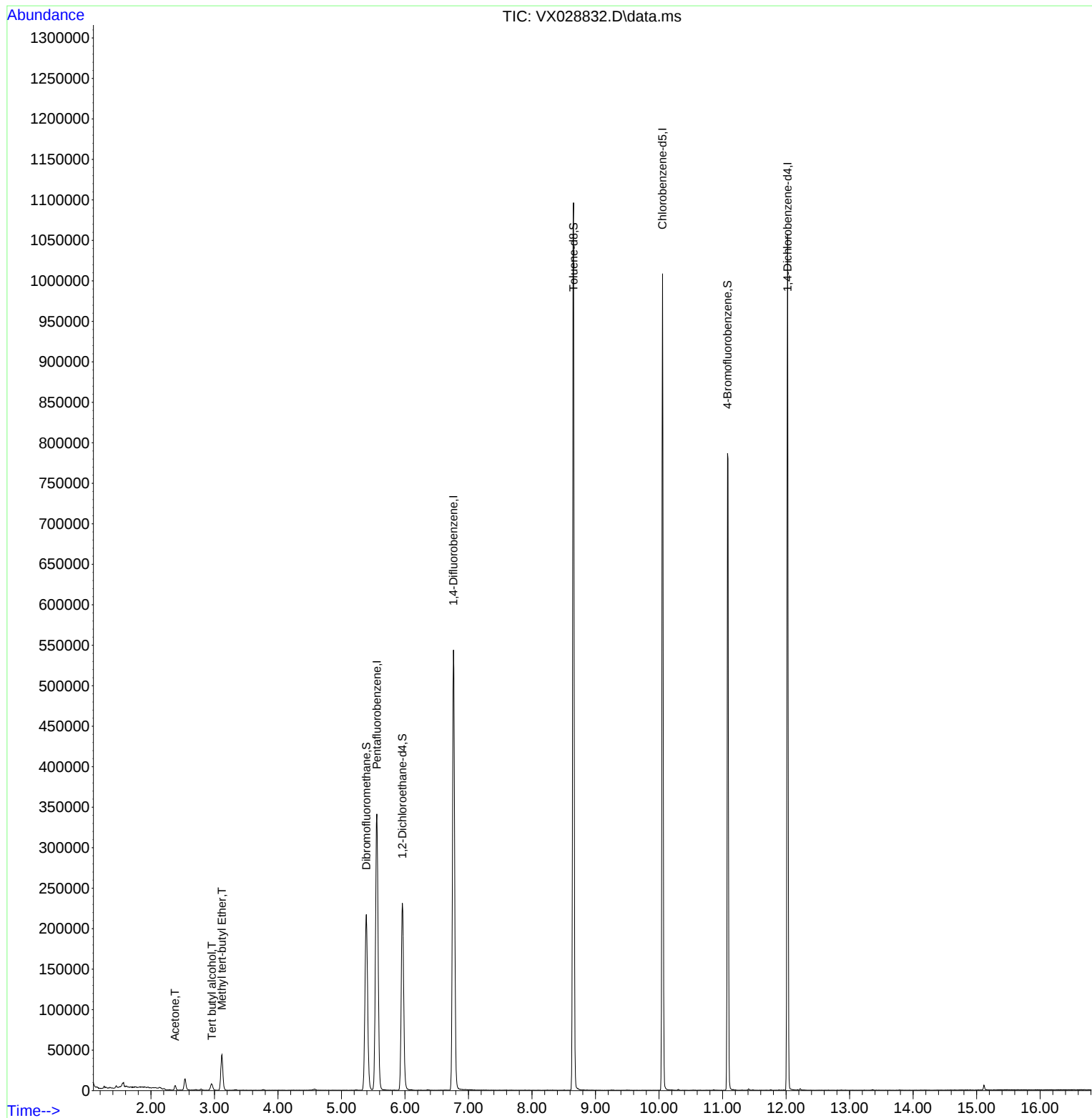
Internal Standards						
1) Pentafluorobenzene	5.556	168	313372	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	555397	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	434387	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	205379	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	233785	54.424	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	108.840%
35) Dibromofluoromethane	5.391	113	188513	51.805	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.620%
50) Toluene-d8	8.653	98	648118	47.242	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.480%
62) 4-Bromofluorobenzene	11.079	95	206727	40.343	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	80.680%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.959	59	7997	0.820	ug/l	# 93
16) Acetone	2.380	43	6632	3.597	ug/l	# 85
19) Methyl tert-butyl Ether	3.117	73	46956	4.080	ug/l	96

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

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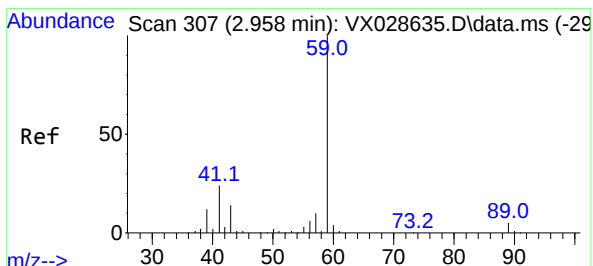
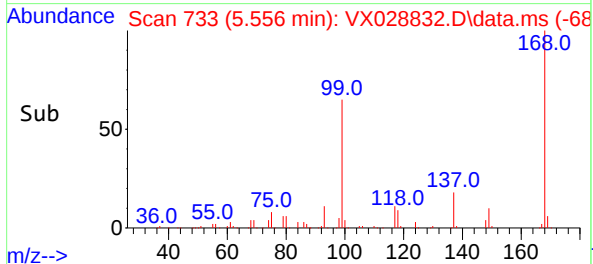
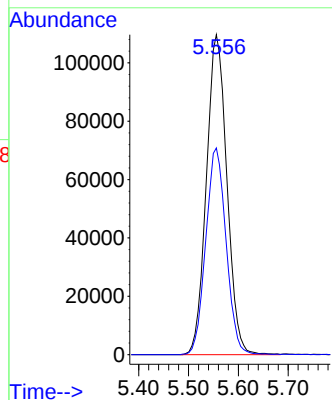
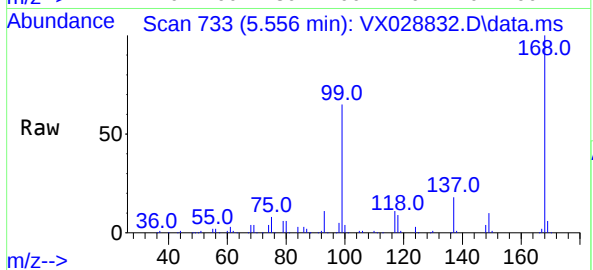




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028832.D
Acq: 19 May 2022 17:52

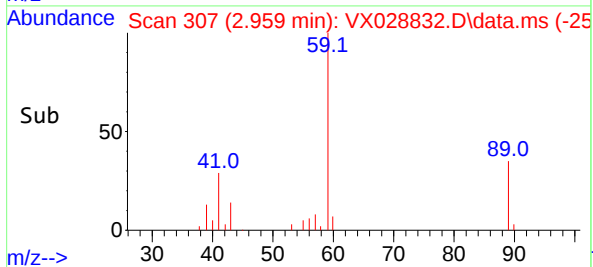
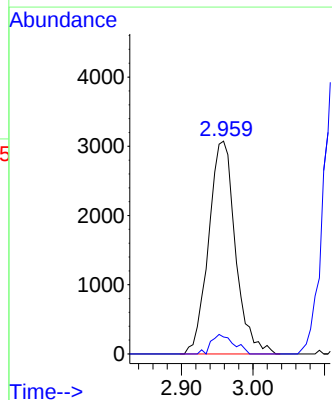
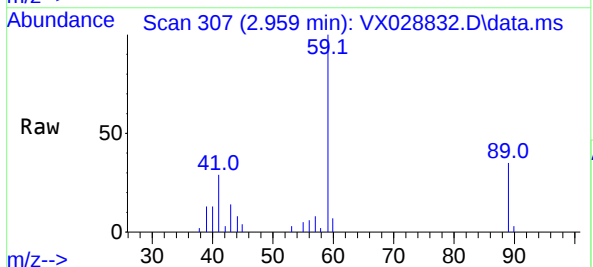
Instrument :
MSVOA_X
ClientSampleId :
MW-14

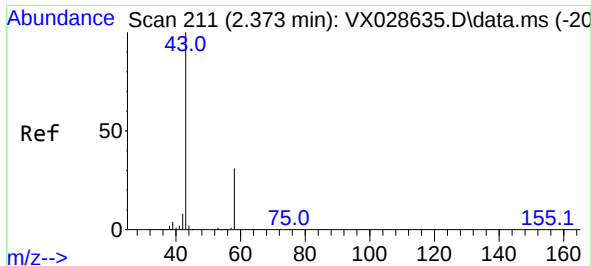
Tgt Ion:168 Resp: 313372
Ion Ratio Lower Upper
168 100
99 64.6 41.7 62.5#



#11
Tert butyl alcohol
Concen: 0.820 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.001 min
Lab File: VX028832.D
Acq: 19 May 2022 17:52

Tgt Ion: 59 Resp: 7997
Ion Ratio Lower Upper
59 100
57 7.7 8.3 12.5#

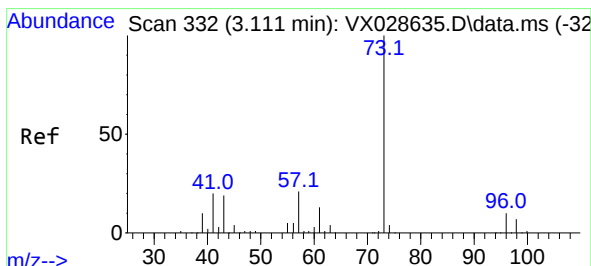
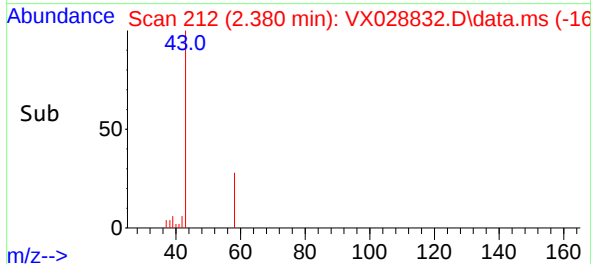
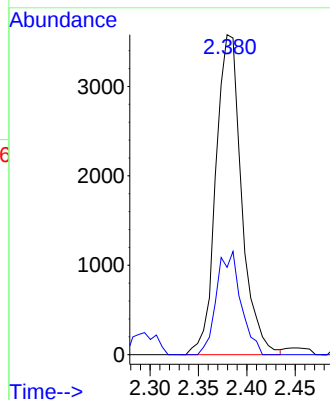
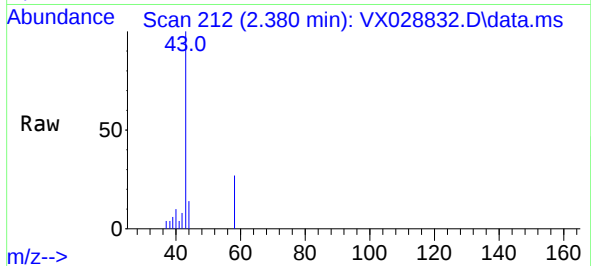




#16
Acetone
Concen: 3.597 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028832.D
Acq: 19 May 2022 17:52

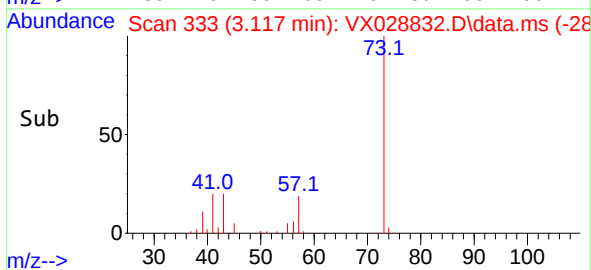
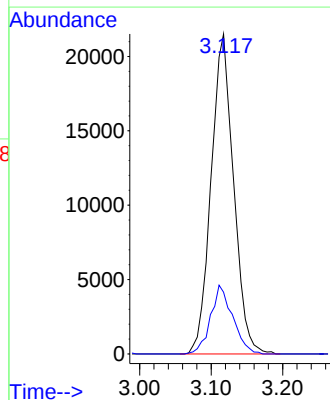
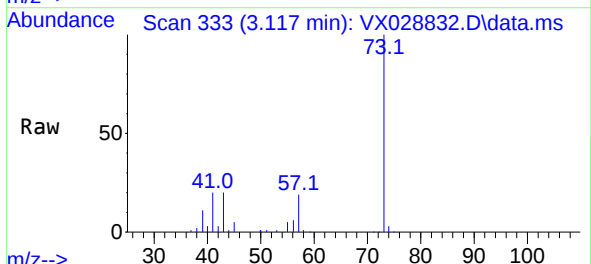
Instrument :
MSVOA_X
ClientSampleId :
MW-14

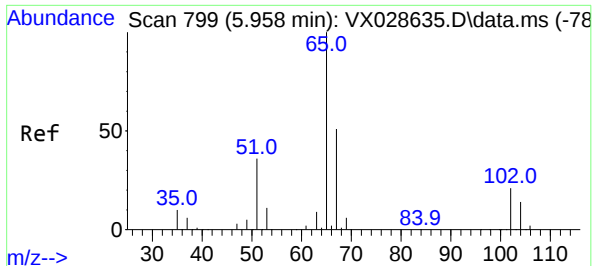
Tgt Ion: 43 Resp: 6632
Ion Ratio Lower Upper
43 100
58 27.3 28.8 43.2#



#19
Methyl tert-butyl Ether
Concen: 4.080 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX028832.D
Acq: 19 May 2022 17:52

Tgt Ion: 73 Resp: 46956
Ion Ratio Lower Upper
73 100
57 19.3 16.8 25.2





#33

1,2-Dichloroethane-d4

Concen: 54.424 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028832.D

Acq: 19 May 2022 17:52

Instrument :

MSVOA_X

ClientSampleId :

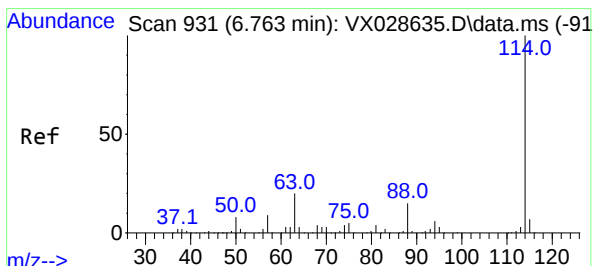
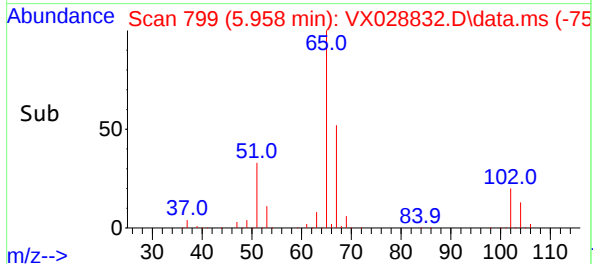
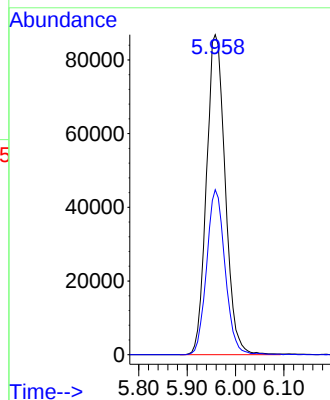
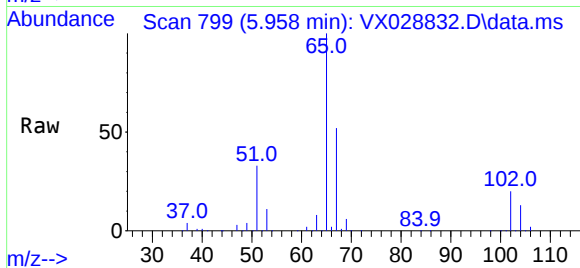
MW-14

Tgt Ion: 65 Resp: 233785

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: VX028832.D

Acq: 19 May 2022 17:52

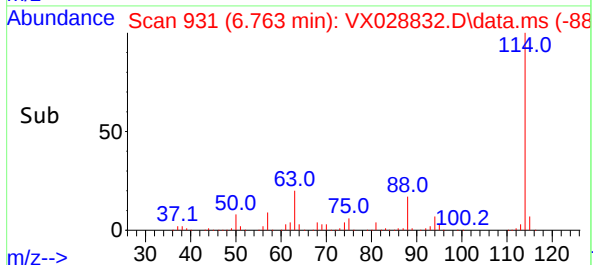
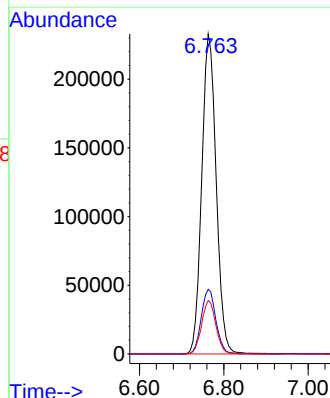
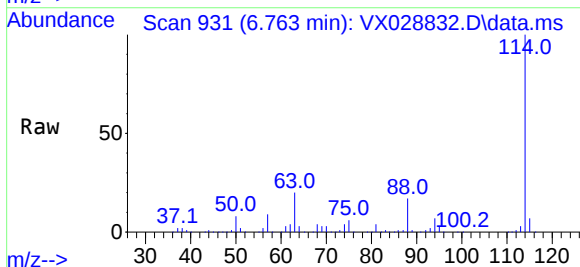
Tgt Ion: 114 Resp: 555397

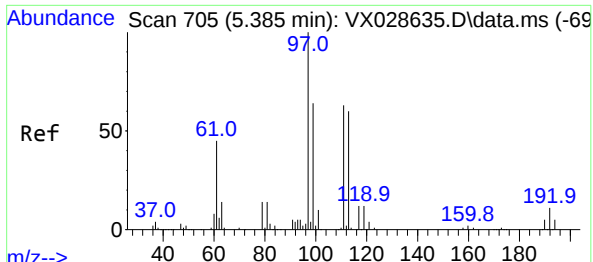
Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.8

88 16.7 0.0 32.4



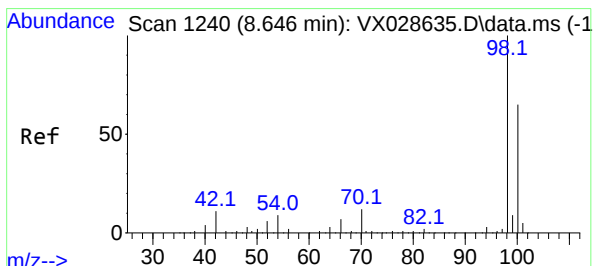
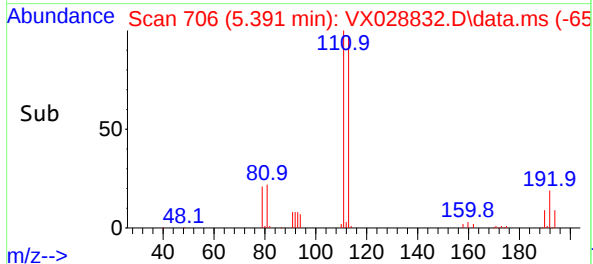
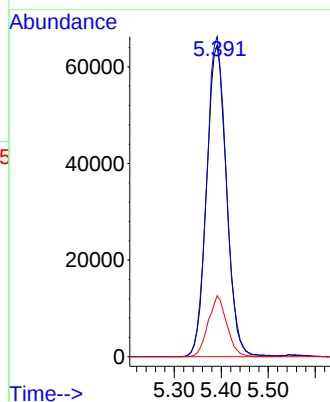
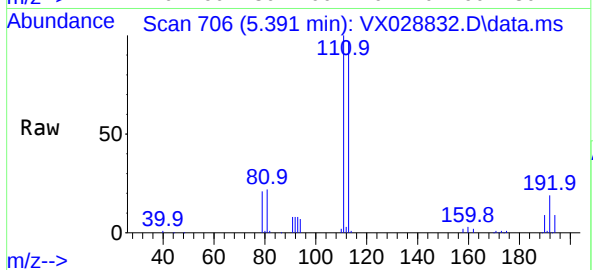


#35
 Dibromofluoromethane
 Concen: 51.805 ug/l
 RT: 5.391 min Scan# 705
 Delta R.T. 0.006 min
 Lab File: VX028832.D
 Acq: 19 May 2022 17:52

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14

Tgt Ion:113 Resp: 188513

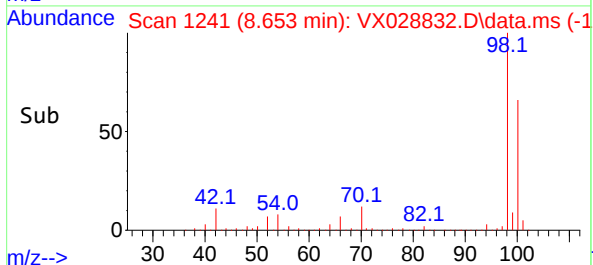
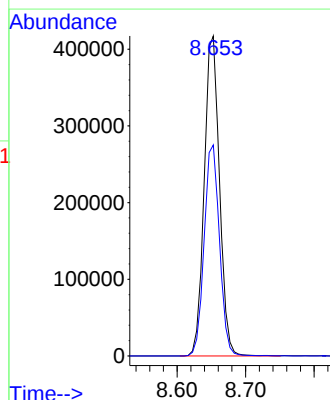
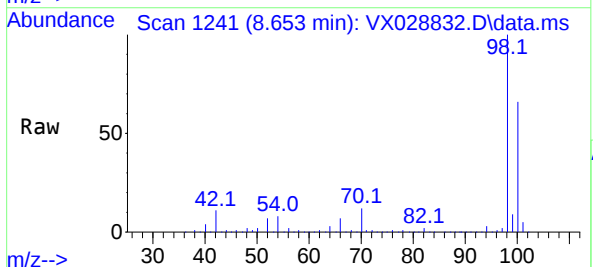
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.8	124.2
192	18.4	16.9	25.3



#50
 Toluene-d8
 Concen: 47.242 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. 0.007 min
 Lab File: VX028832.D
 Acq: 19 May 2022 17:52

Tgt Ion: 98 Resp: 648118

Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.6	78.8

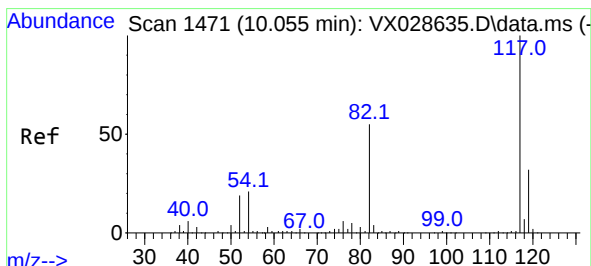
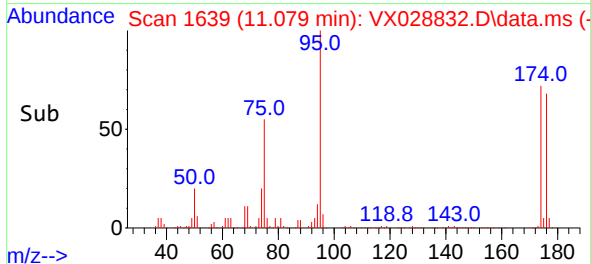
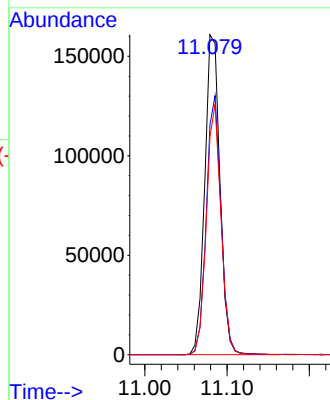
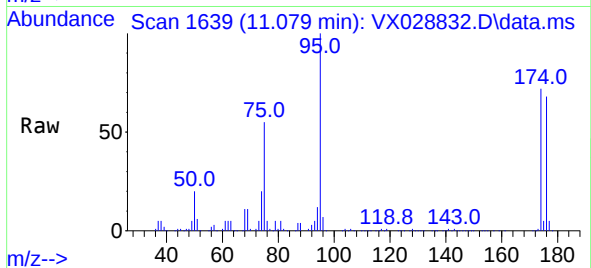




#62
4-Bromofluorobenzene
Concen: 40.343 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX028832.D
Acq: 19 May 2022 17:52

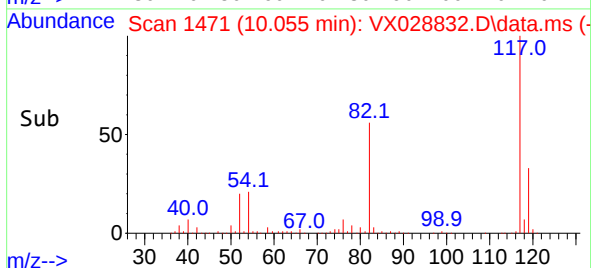
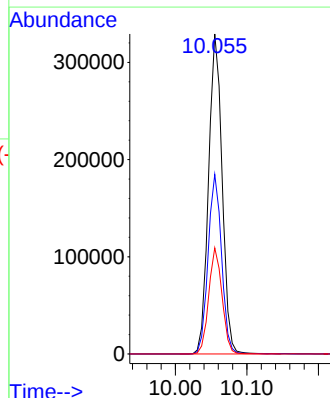
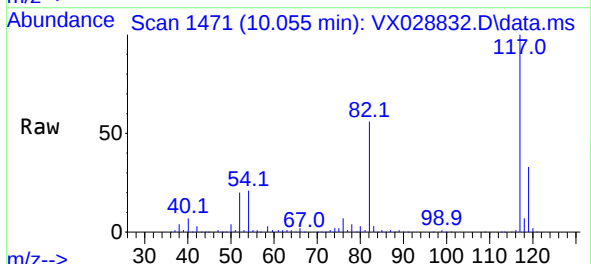
Instrument :
MSVOA_X
ClientSampleId :
MW-14

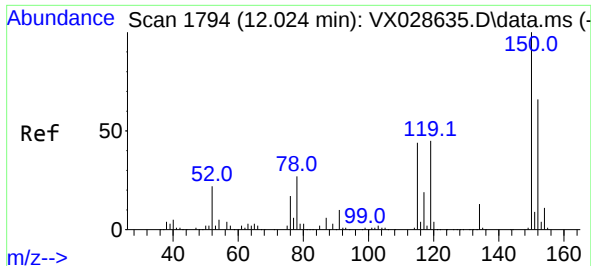
Tgt Ion: 95 Resp: 206727
Ion Ratio Lower Upper
95 100
174 78.4 0.0 163.0
176 75.2 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028832.D
Acq: 19 May 2022 17:52

Tgt Ion: 117 Resp: 434387
Ion Ratio Lower Upper
117 100
82 56.1 41.8 62.8
119 33.2 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: VX028832.D

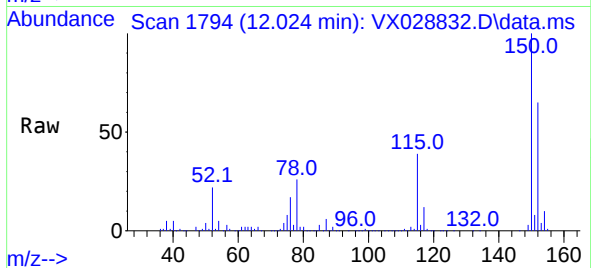
Acq: 19 May 2022 17:52

Instrument :

MSVOA_X

ClientSampleId :

MW-14



Tgt Ion:152 Resp: 205379

Ion Ratio Lower Upper

152 100

115 60.6 37.5 112.7

150 156.4 0.0 338.2

