

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052022\
 Data File : VX028859.D
 Acq On : 20 May 2022 18:30
 Operator : JC/MD
 Sample : N2943-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-38I

Quant Time: May 20 23:32:34 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)

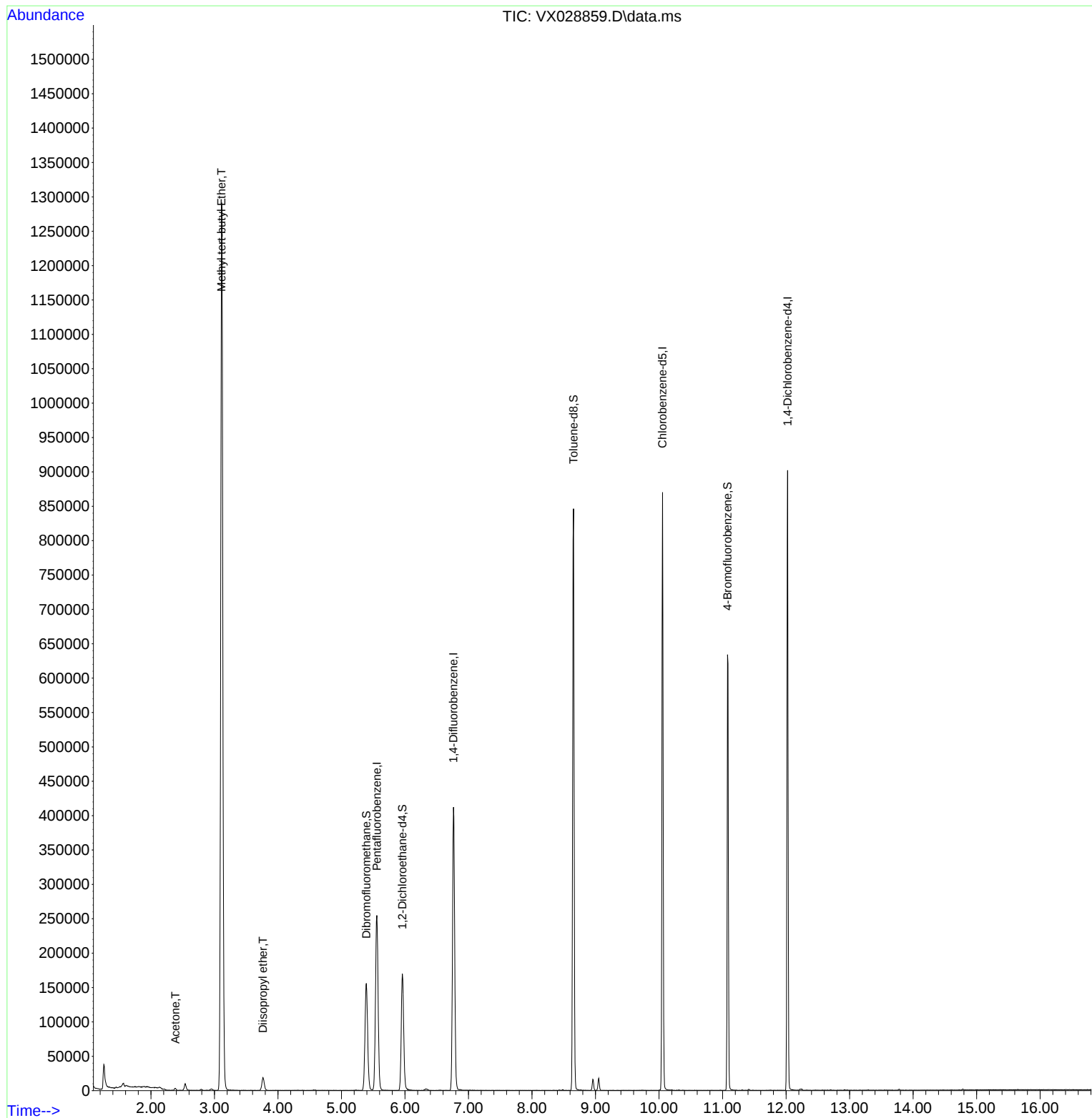
Internal Standards						
1) Pentafluorobenzene	5.556	168	236417	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	419719	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	368600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	180236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	164148	50.652	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.300%
35) Dibromofluoromethane	5.391	113	134583	48.940	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.880%
50) Toluene-d8	8.653	98	493698	47.619	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.240%
62) 4-Bromofluorobenzene	11.079	95	165033	42.617	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	85.240%
Target Compounds						
						Qvalue
16) Acetone	2.386	43	3147	2.263	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	1438319	165.650	ug/l	99
22) Diisopropyl ether	3.763	45	18681	2.228	ug/l	93

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

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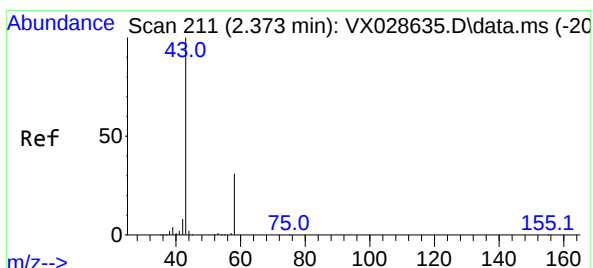
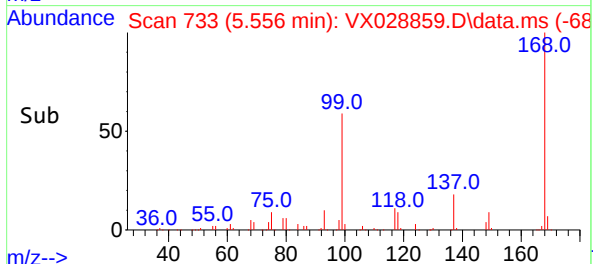
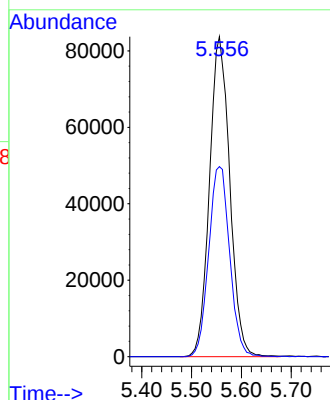
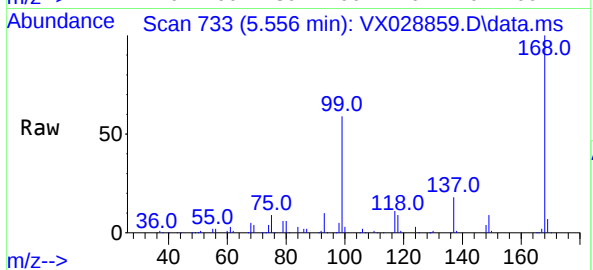




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028859.D
Acq: 20 May 2022 18:30

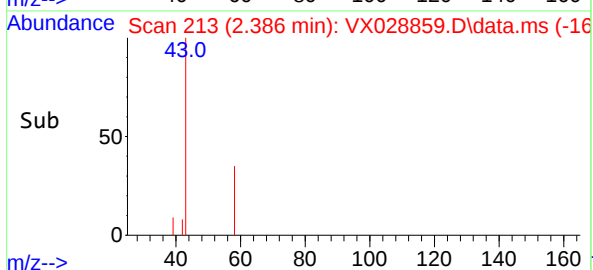
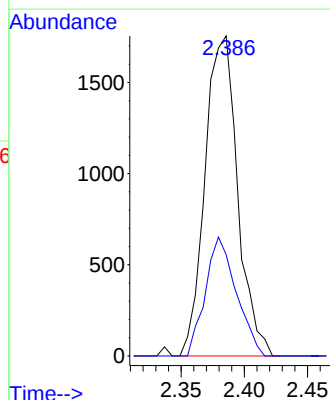
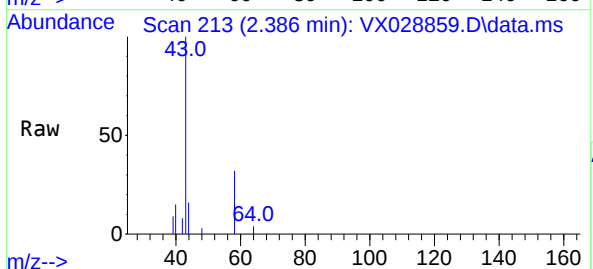
Instrument :
MSVOA_X
ClientSampleId :
MW-38I

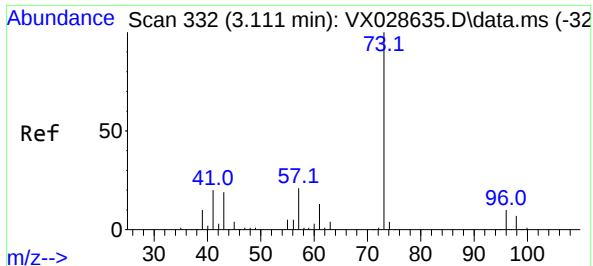
Tgt Ion:168 Resp: 236417
Ion Ratio Lower Upper
168 100
99 59.4 41.7 62.5



#16
Acetone
Concen: 2.263 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.013 min
Lab File: VX028859.D
Acq: 20 May 2022 18:30

Tgt Ion: 43 Resp: 3147
Ion Ratio Lower Upper
43 100
58 31.7 28.8 43.2

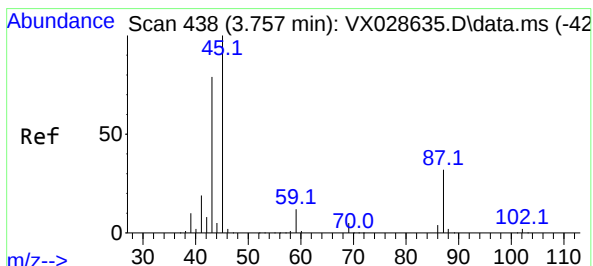
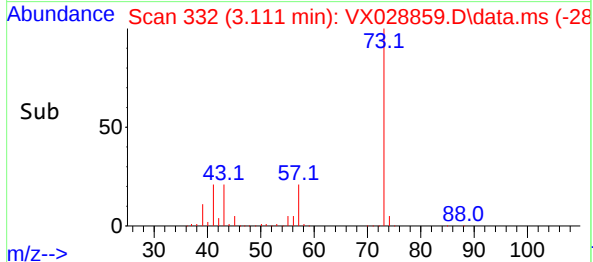
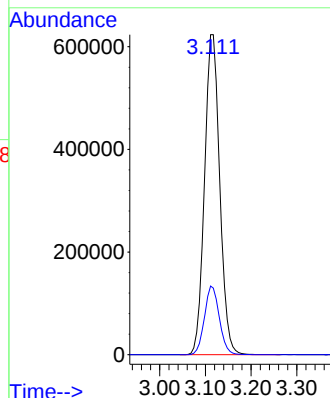
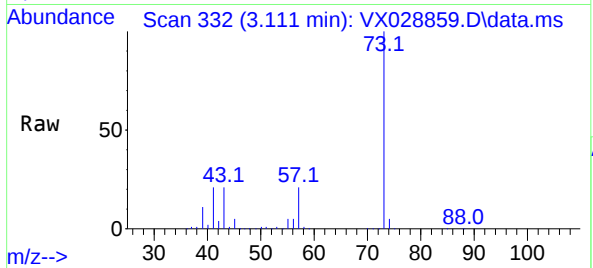




#19
Methyl tert-butyl Ether
Concen: 165.650 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX028859.D
Acq: 20 May 2022 18:30

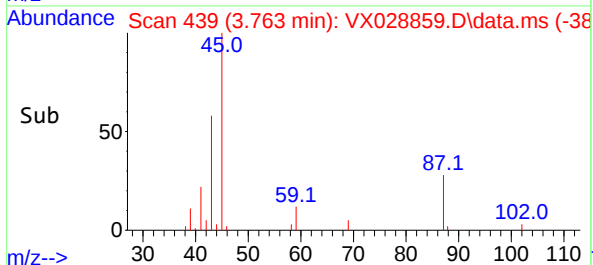
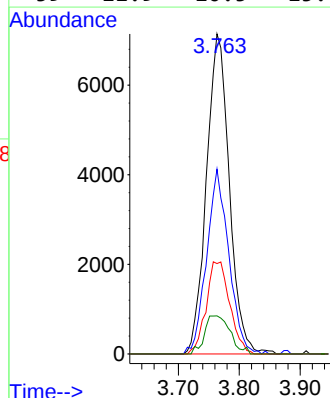
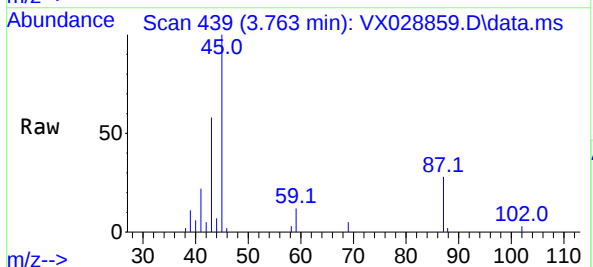
Instrument :
MSVOA_X
ClientSampleId :
MW-38I

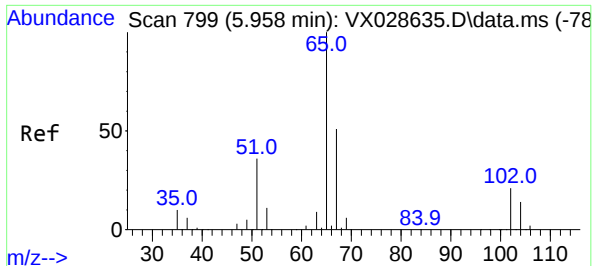
Tgt Ion: 73 Resp: 1438319
Ion Ratio Lower Upper
73 100
57 21.4 16.8 25.2



#22
Diisopropyl ether
Concen: 2.228 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX028859.D
Acq: 20 May 2022 18:30

Tgt Ion: 45 Resp: 18681
Ion Ratio Lower Upper
45 100
43 57.8 50.8 76.2
87 28.3 26.6 39.8
59 11.9 10.5 15.7





#33

1,2-Dichloroethane-d4

Concen: 50.652 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028859.D

Acq: 20 May 2022 18:30

Instrument :

MSVOA_X

ClientSampleId :

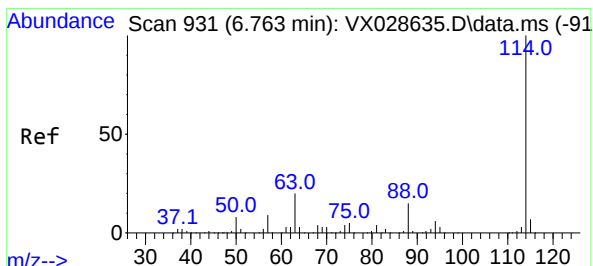
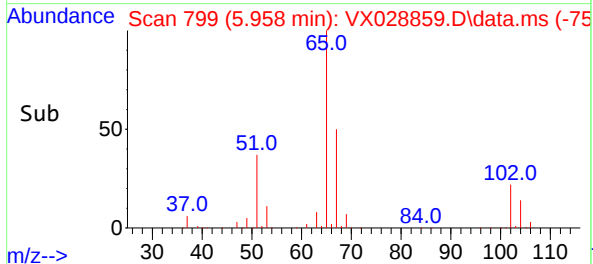
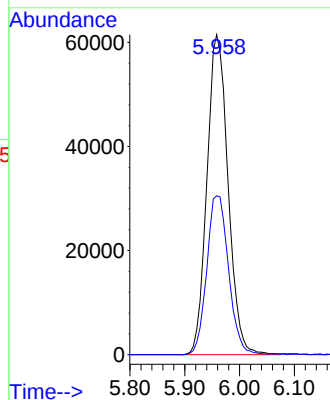
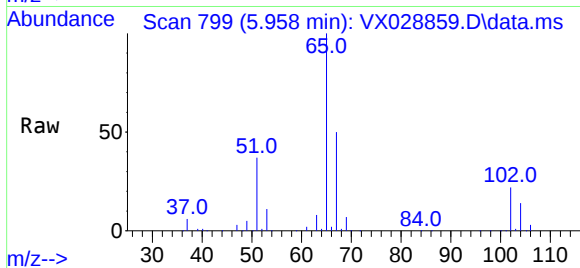
MW-38I

Tgt Ion: 65 Resp: 164148

Ion Ratio Lower Upper

65 100

67 51.3 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: VX028859.D

Acq: 20 May 2022 18:30

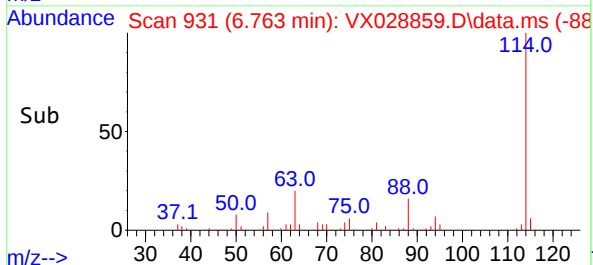
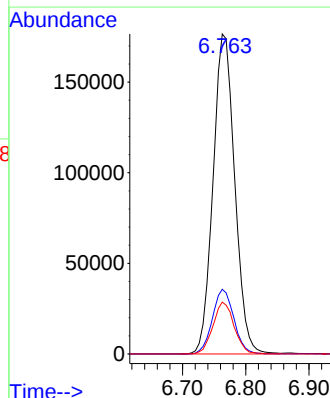
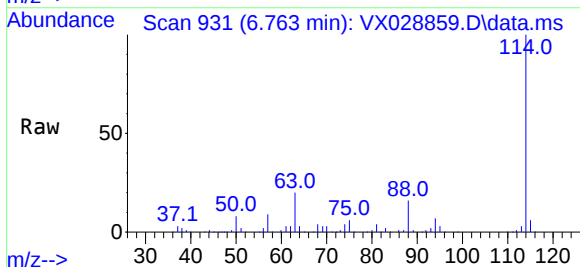
Tgt Ion: 114 Resp: 419719

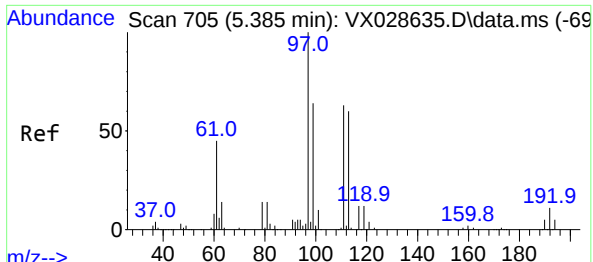
Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.8

88 16.2 0.0 32.4





#35

Dibromofluoromethane

Concen: 48.940 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028859.D

Acq: 20 May 2022 18:30

Instrument :

MSVOA_X

ClientSampleId :

MW-38I

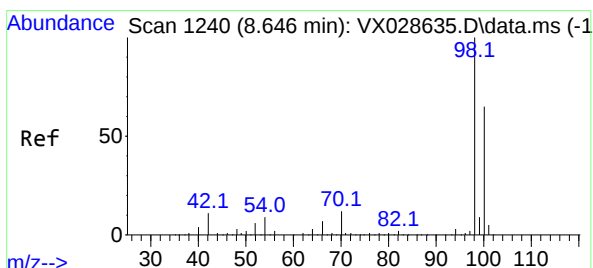
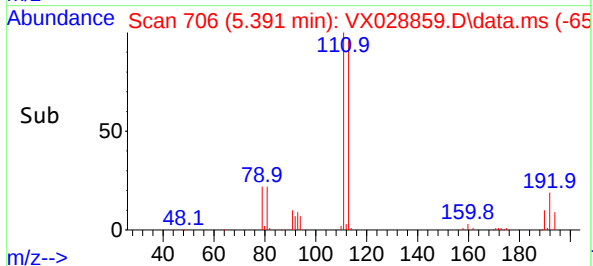
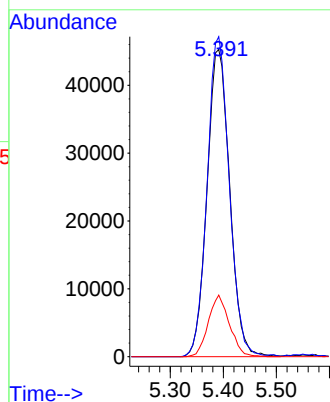
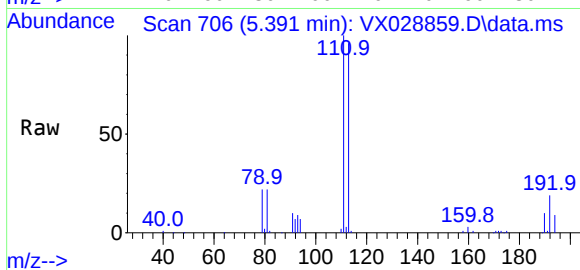
Tgt Ion:113 Resp: 134583

Ion Ratio Lower Upper

113 100

111 101.5 82.8 124.2

192 18.7 16.9 25.3



#50

Toluene-d8

Concen: 47.619 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.007 min

Lab File: VX028859.D

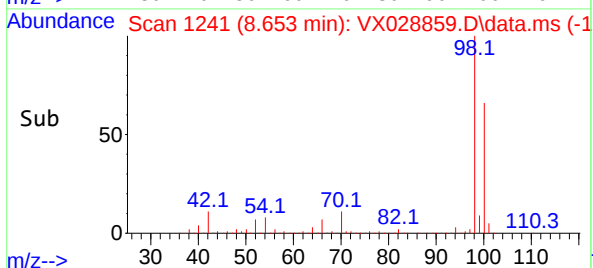
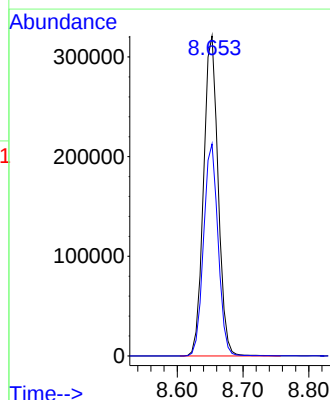
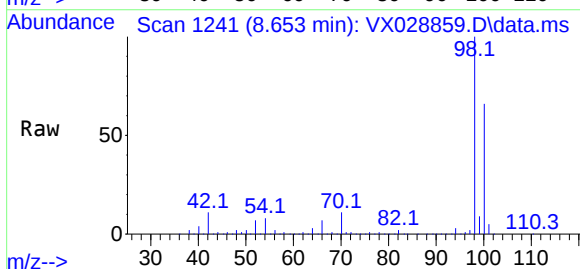
Acq: 20 May 2022 18:30

Tgt Ion: 98 Resp: 493698

Ion Ratio Lower Upper

98 100

100 66.0 52.6 78.8

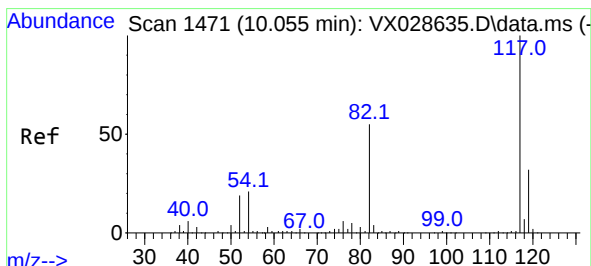
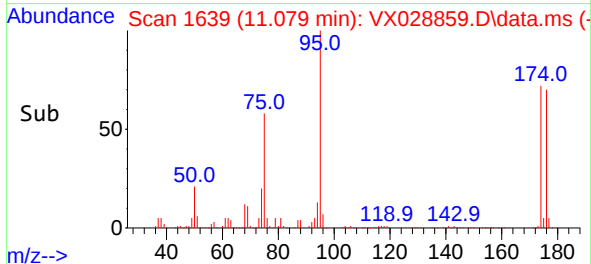
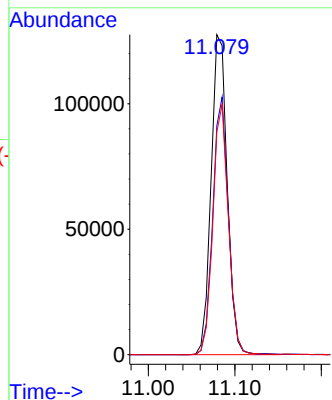
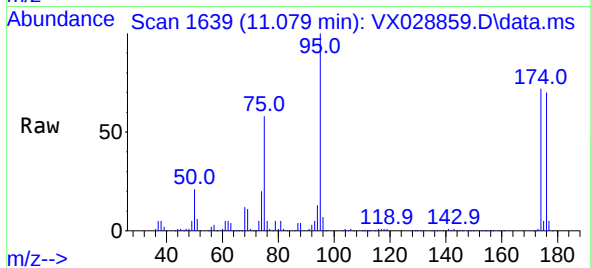




#62
4-Bromofluorobenzene
Concen: 42.617 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028859.D
Acq: 20 May 2022 18:30

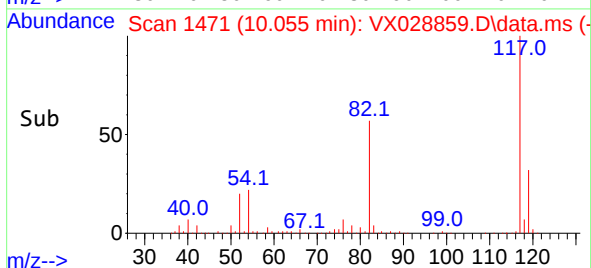
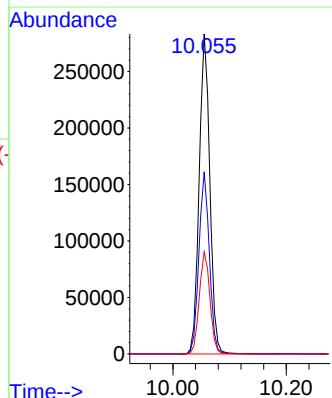
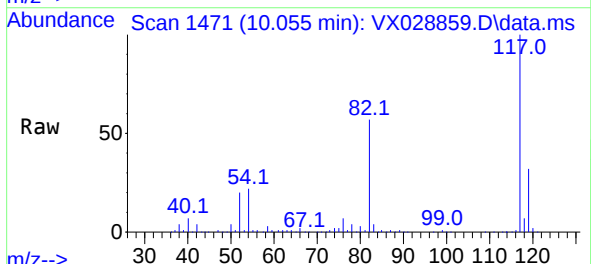
Instrument :
MSVOA_X
ClientSampleId :
MW-38I

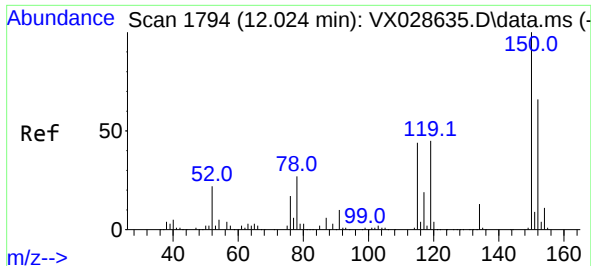
Tgt Ion: 95 Resp: 165033
Ion Ratio Lower Upper
95 100
174 77.8 0.0 163.0
176 75.0 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028859.D
Acq: 20 May 2022 18:30

Tgt Ion: 117 Resp: 368600
Ion Ratio Lower Upper
117 100
82 57.0 41.8 62.8
119 31.9 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: VX028859.D

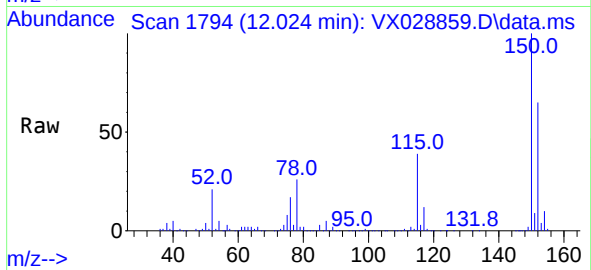
Acq: 20 May 2022 18:30

Instrument :

MSVOA_X

ClientSampleId :

MW-38I



Tgt Ion:152 Resp: 180236

Ion Ratio Lower Upper

152 100

115 61.5 37.5 112.7

150 153.7 0.0 338.2

