

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040122\
 Data File : VX027917.D
 Acq On : 02 Apr 2022 05:55
 Operator : JC/MD
 Sample : N2204-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Quant Time: Apr 02 07:35:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

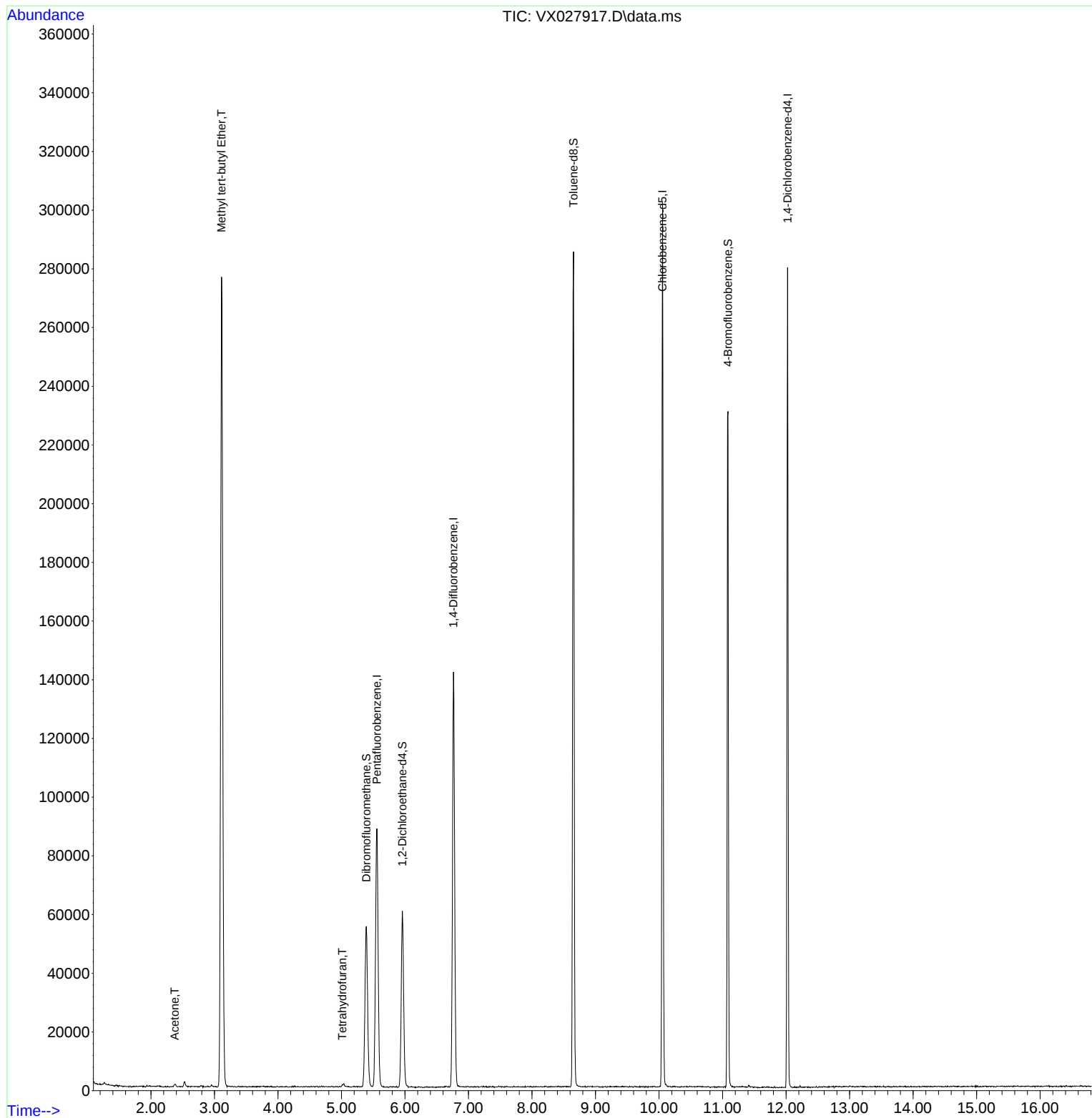
Internal Standards						
1) Pentafluorobenzene	5.556	168	78205	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	136918	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57535	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	59576	59.041	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 118.080%	
35) Dibromofluoromethane	5.391	113	47253	53.467	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 106.940%	
50) Toluene-d8	8.653	98	166416	53.518	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 107.040%	
62) 4-Bromofluorobenzene	11.085	95	65617	49.656	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 99.320%	
Target Compounds						
						Qvalue
16) Acetone	2.374	43	1074	2.405	ug/l	# 65
19) Methyl tert-butyl Ether	3.111	73	296194	115.706	ug/l	99
29) Tetrahydrofuran	5.013	42	701	1.679	ug/l	# 73

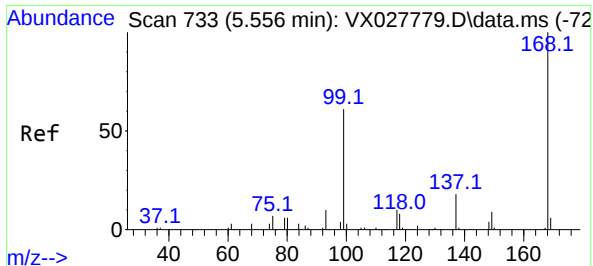
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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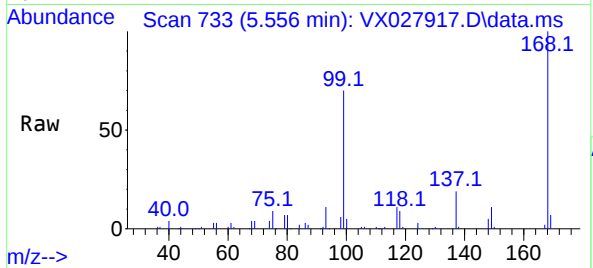
Quant Time: Apr 02 07:35:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
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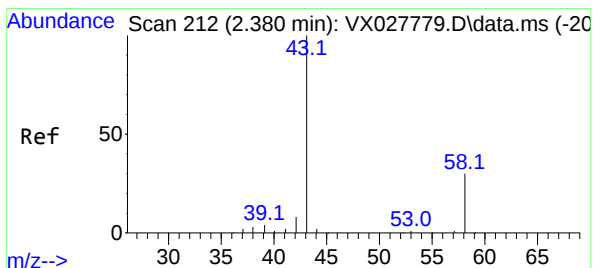
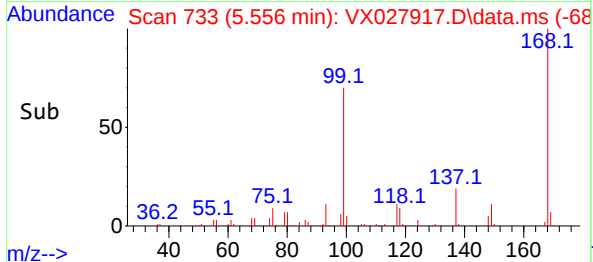
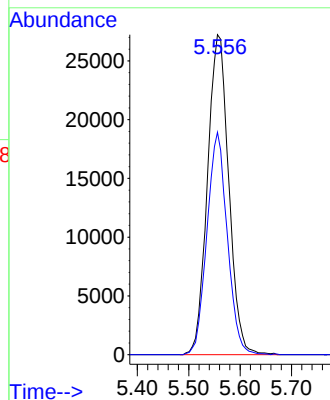


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027917.D
Acq: 02 Apr 2022 05:55

Instrument :
MSVOA_X
ClientSampleId :
MW-4

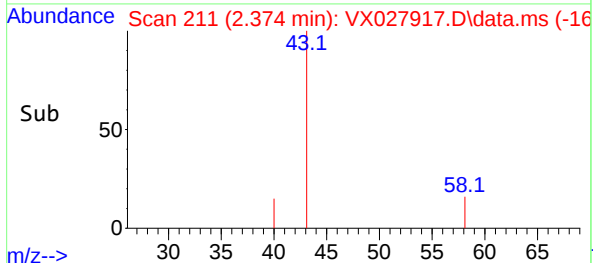
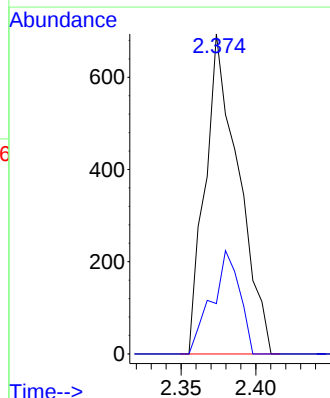
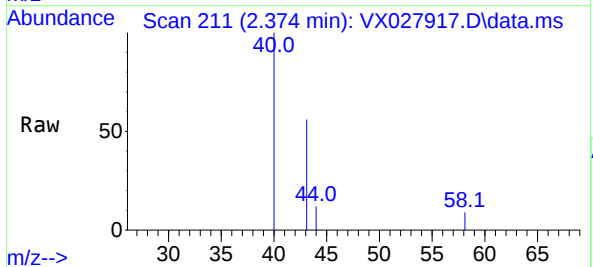


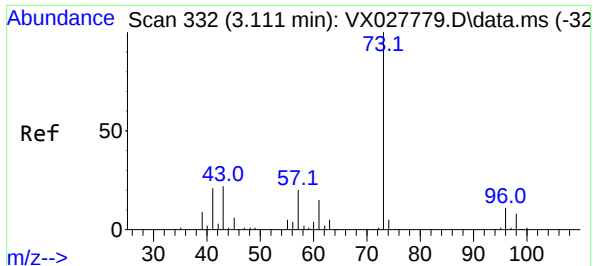
Tgt Ion:168 Resp: 78205
Ion Ratio Lower Upper
168 100
99 69.5 41.7 62.5#



#16
Acetone
Concen: 2.405 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX027917.D
Acq: 02 Apr 2022 05:55

Tgt Ion: 43 Resp: 1074
Ion Ratio Lower Upper
43 100
58 15.7 28.8 43.2#





#19

Methyl tert-butyl Ether

Concen: 115.706 ug/l

RT: 3.111 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX027917.D

Acq: 02 Apr 2022 05:55

Instrument :

MSVOA_X

ClientSampleId :

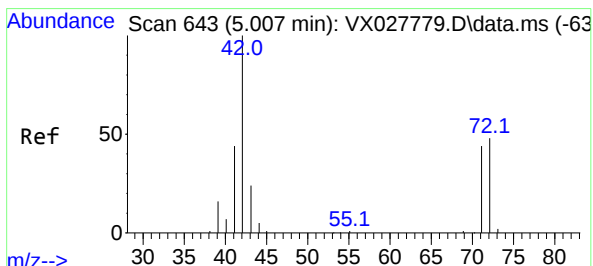
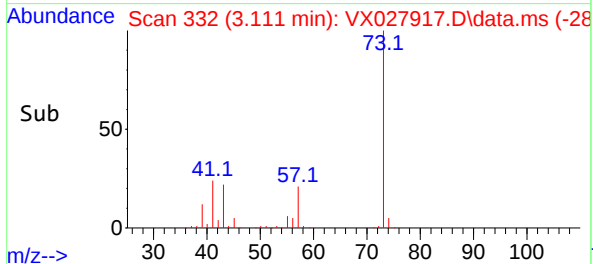
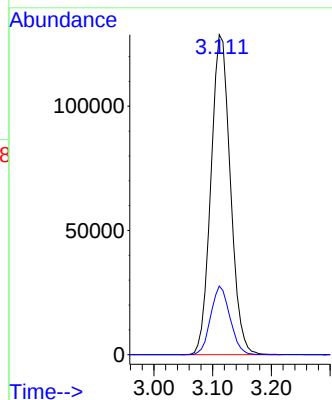
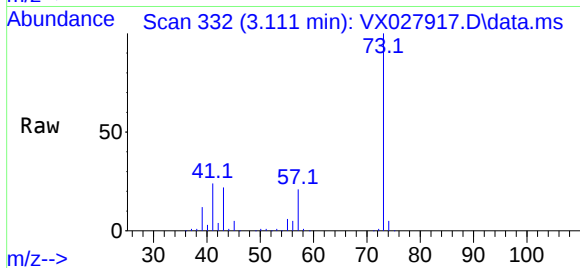
MW-4

Tgt Ion: 73 Resp: 296194

Ion Ratio Lower Upper

73 100

57 21.5 16.8 25.2



#29

Tetrahydrofuran

Concen: 1.679 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.006 min

Lab File: VX027917.D

Acq: 02 Apr 2022 05:55

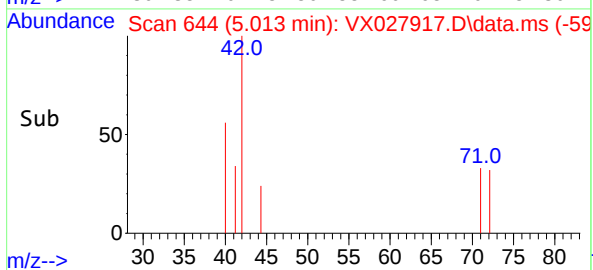
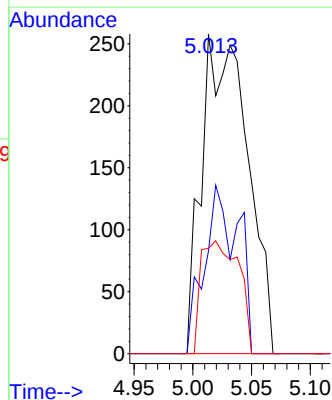
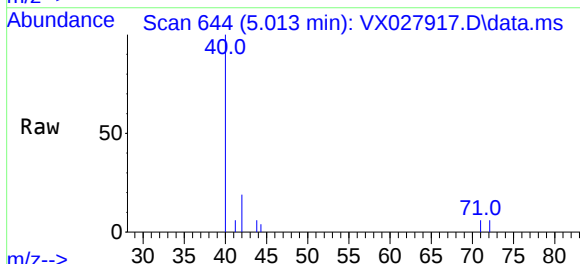
Tgt Ion: 42 Resp: 701

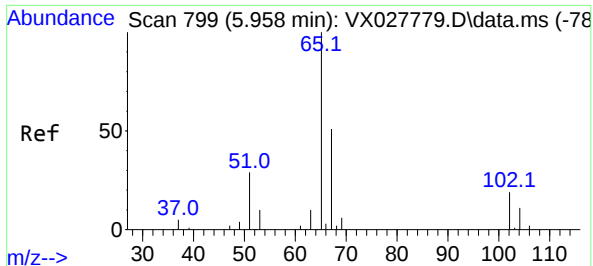
Ion Ratio Lower Upper

42 100

72 38.8 44.1 66.1#

71 29.0 40.5 60.7#

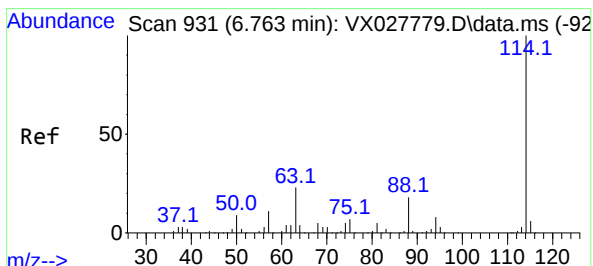
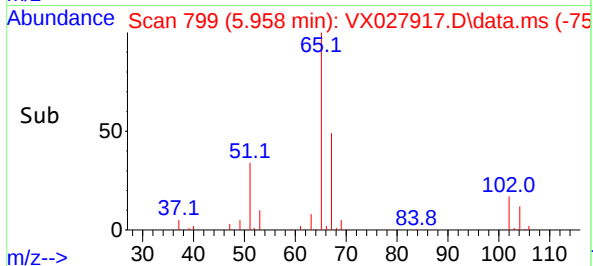
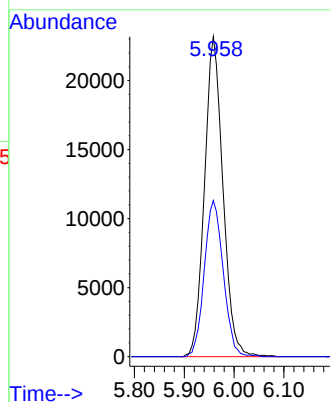
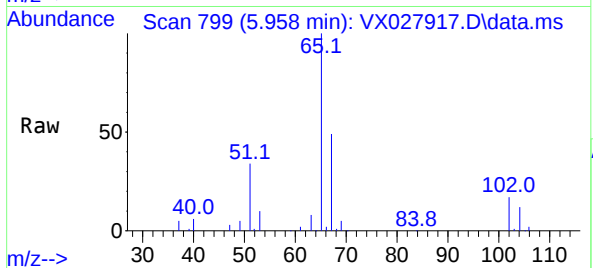




#33
1,2-Dichloroethane-d4
Concen: 59.041 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027917.D
Acq: 02 Apr 2022 05:55

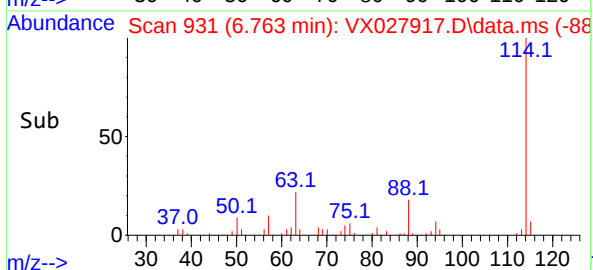
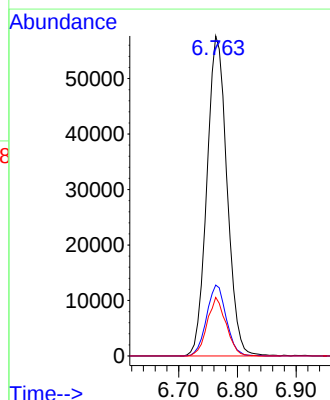
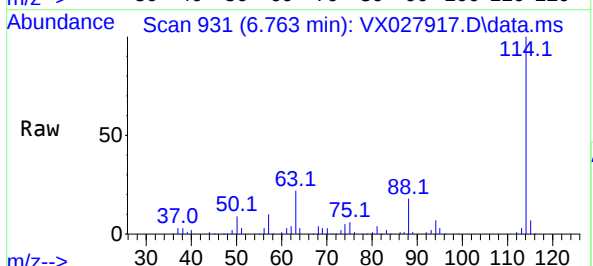
Instrument :
MSVOA_X
ClientSampleId :
MW-4

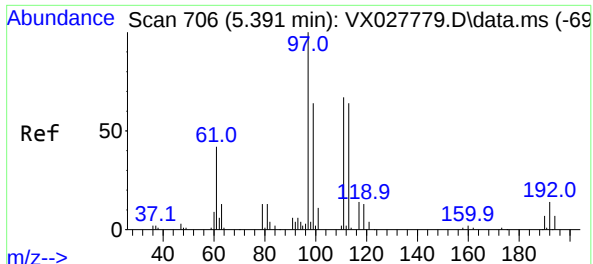
Tgt Ion: 65 Resp: 59576
Ion Ratio Lower Upper
65 100
67 50.2 0.0 107.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX027917.D
Acq: 02 Apr 2022 05:55

Tgt Ion: 114 Resp: 136918
Ion Ratio Lower Upper
114 100
63 22.2 0.0 36.8
88 18.3 0.0 32.4

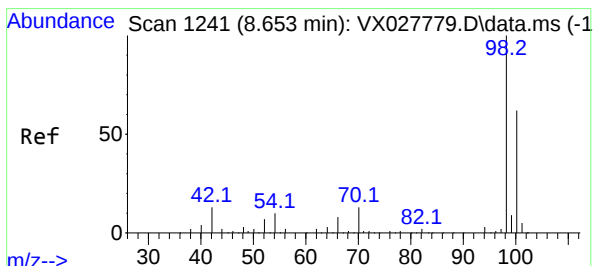
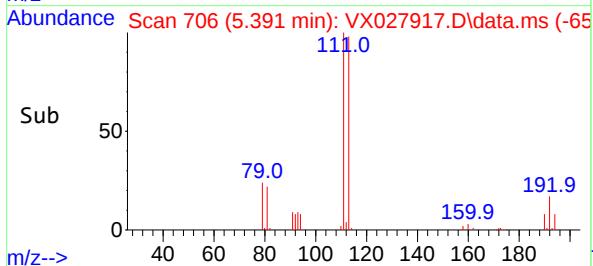
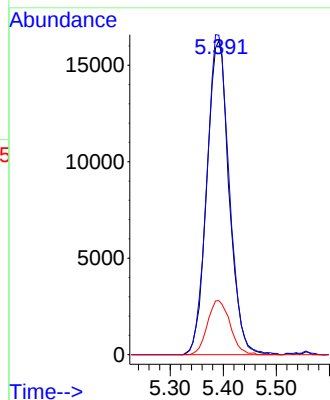
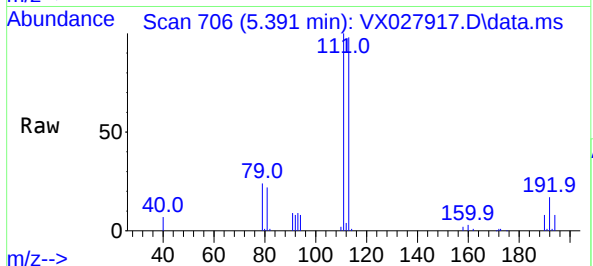




#35
Dibromofluoromethane
Concen: 53.467 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027917.D
Acq: 02 Apr 2022 05:55

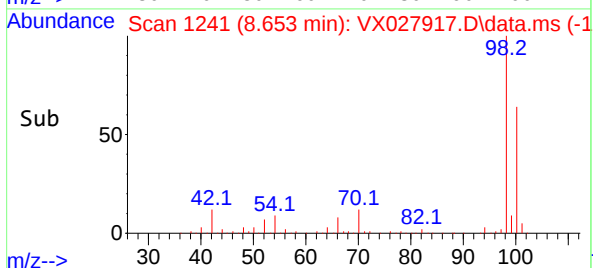
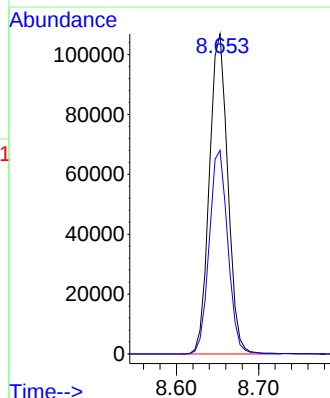
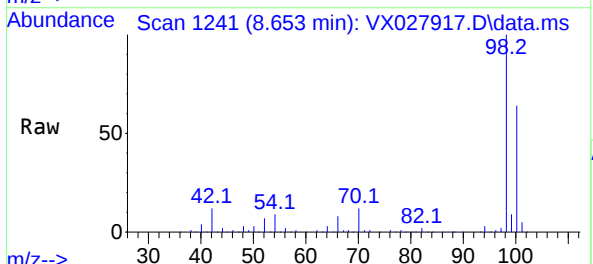
Instrument :
MSVOA_X
ClientSampleId :
MW-4

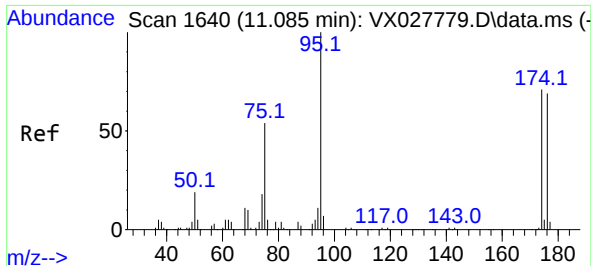
Tgt Ion:113 Resp: 47253
Ion Ratio Lower Upper
113 100
111 103.1 82.8 124.2
192 17.6 16.9 25.3



#50
Toluene-d8
Concen: 53.518 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027917.D
Acq: 02 Apr 2022 05:55

Tgt Ion: 98 Resp: 166416
Ion Ratio Lower Upper
98 100
100 64.1 52.6 78.8





#62

4-Bromofluorobenzene

Concen: 49.656 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX027917.D

Acq: 02 Apr 2022 05:55

Instrument :

MSVOA_X

ClientSampleId :

MW-4

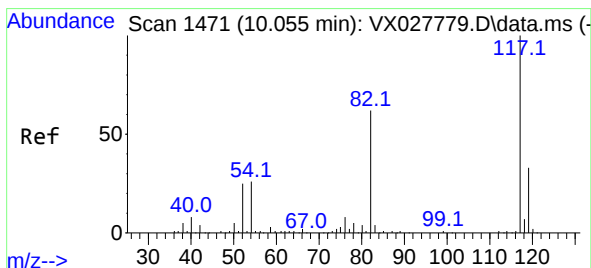
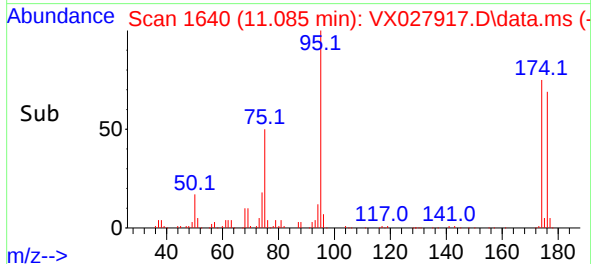
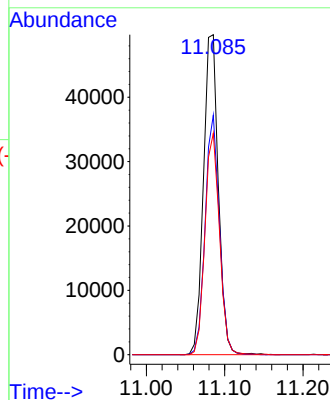
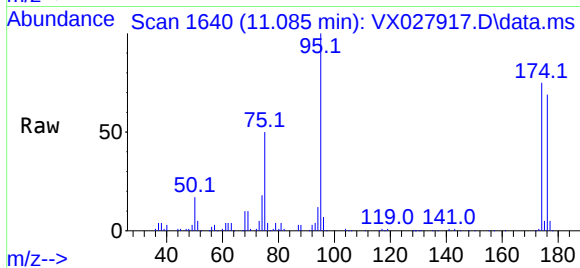
Tgt Ion: 95 Resp: 65617

Ion Ratio Lower Upper

95 100

174 71.5 0.0 163.0

176 67.5 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: VX027917.D

Acq: 02 Apr 2022 05:55

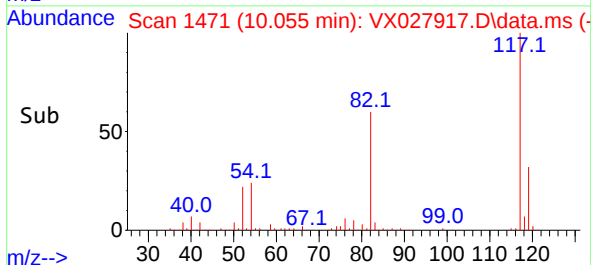
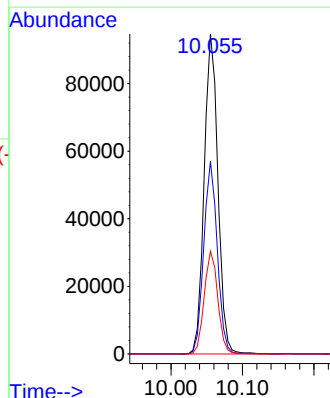
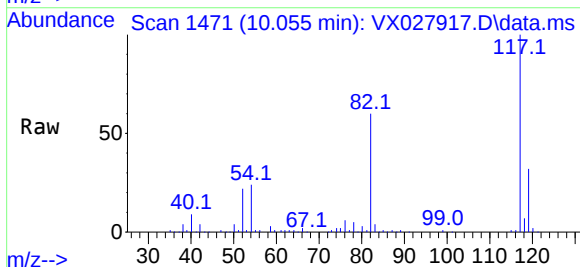
Tgt Ion: 117 Resp: 126525

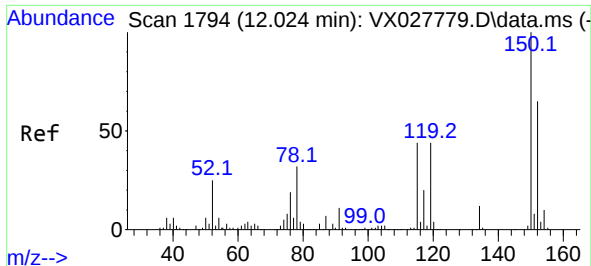
Ion Ratio Lower Upper

117 100

82 60.2 41.8 62.8

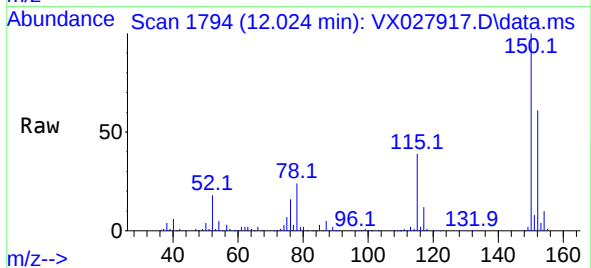
119 32.1 24.8 37.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX027917.D
 Acq: 02 Apr 2022 05:55

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4



Tgt Ion:152 Resp: 57535
 Ion Ratio Lower Upper
 152 100
 115 62.4 37.5 112.7
 150 159.8 0.0 338.2

