

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110422\
 Data File : VX032603.D
 Acq On : 05 Nov 2022 04:23
 Operator : JC/MD
 Sample : N5483-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-8DR

Quant Time: Nov 07 05:08:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

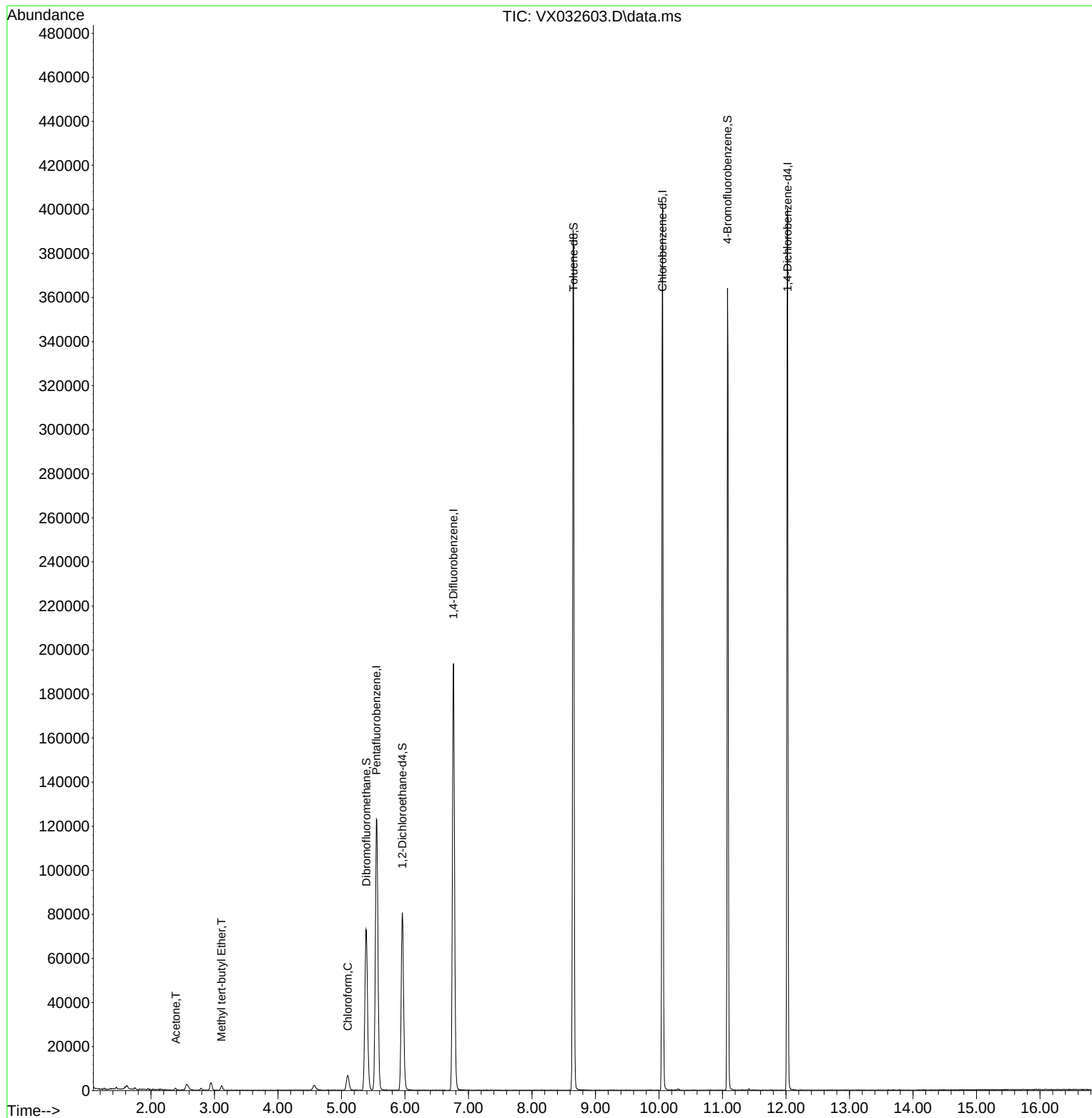
Internal Standards						
1) Pentafluorobenzene	5.550	168	116950	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	194141	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	173839	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82364	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81807	50.343	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.680%		
35) Dibromofluoromethane	5.391	113	62940	45.450	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 90.900%		
50) Toluene-d8	8.653	98	233424	48.475	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 96.940%		
62) 4-Bromofluorobenzene	11.079	95	91885	48.849	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 97.700%		
Target Compounds						
						Qvalue
16) Acetone	2.392	43	1198	2.028	ug/l #	84
19) Methyl tert-butyl Ether	3.111	73	2128	0.516	ug/l	96
30) Chloroform	5.099	83	8344	3.269	ug/l	94

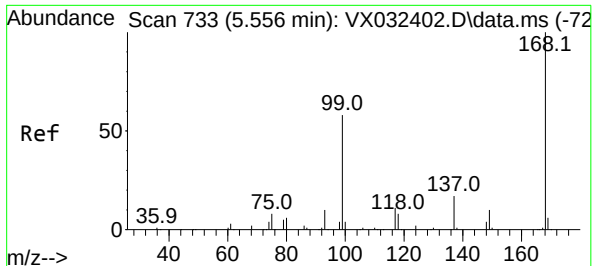
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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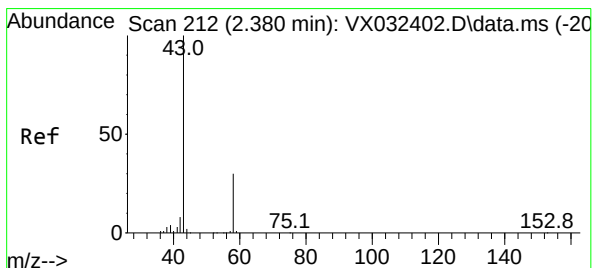
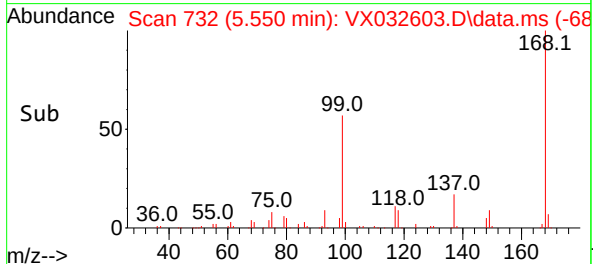
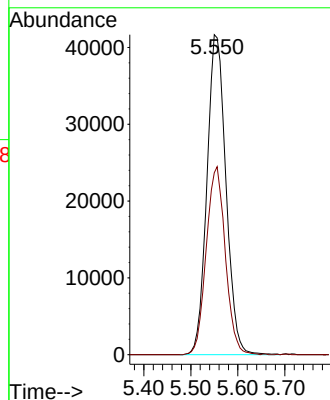
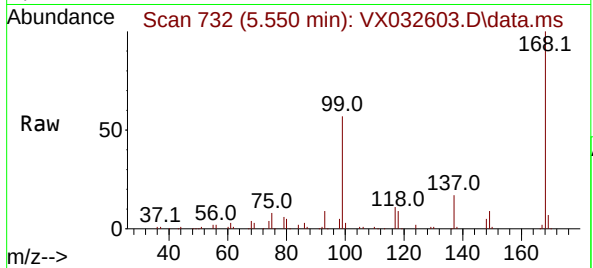




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032603.D
Acq: 05 Nov 2022 04:23

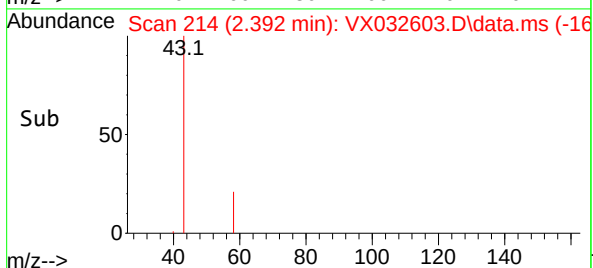
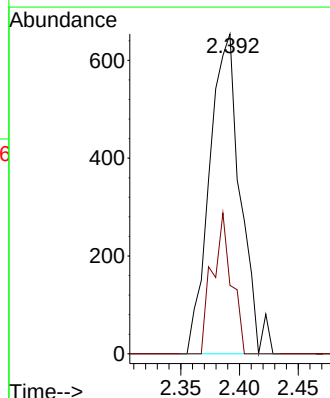
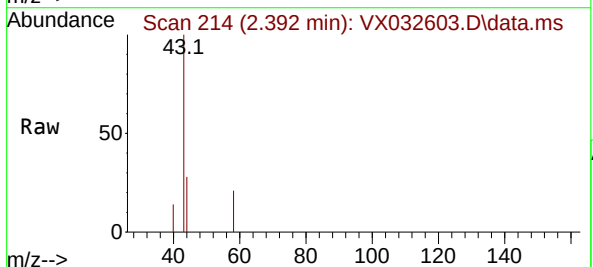
Instrument :
MSVOA_X
ClientSampleId :
MW-8DR

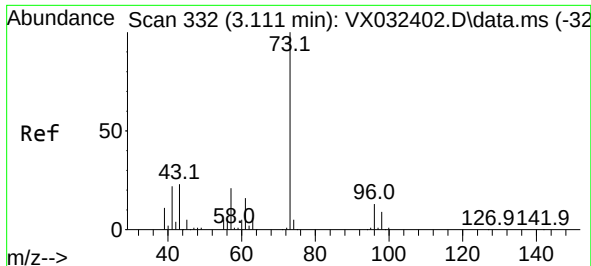
Tgt Ion:168 Resp: 116950
Ion Ratio Lower Upper
168 100
99 56.9 46.1 69.1



#16
Acetone
Concen: 2.028 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX032603.D
Acq: 05 Nov 2022 04:23

Tgt Ion: 43 Resp: 1198
Ion Ratio Lower Upper
43 100
58 21.4 23.8 35.8#





#19

Methyl tert-butyl Ether

Concen: 0.516 ug/l

RT: 3.111 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX032603.D

Acq: 05 Nov 2022 04:23

Instrument :

MSVOA_X

ClientSampleId :

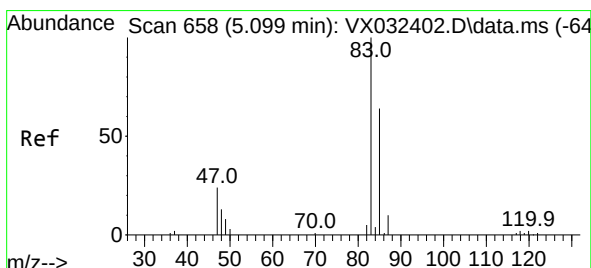
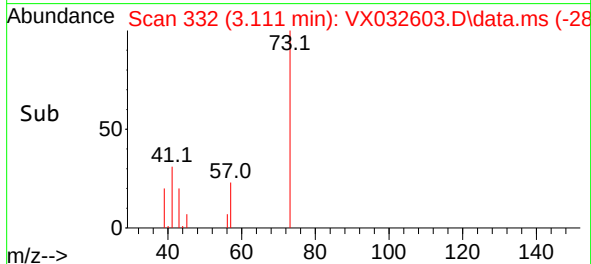
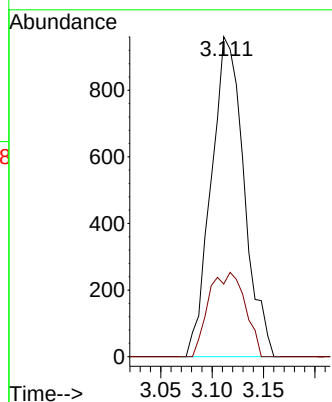
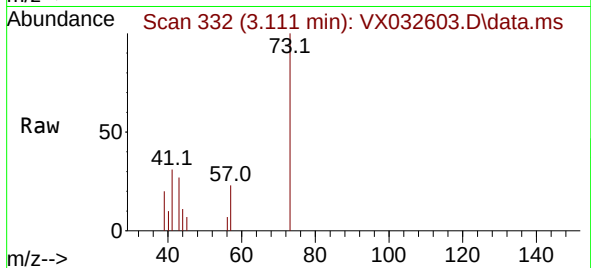
MW-8DR

Tgt Ion: 73 Resp: 2128

Ion Ratio Lower Upper

73 100

57 22.7 16.6 25.0



#30

Chloroform

Concen: 3.269 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.000 min

Lab File: VX032603.D

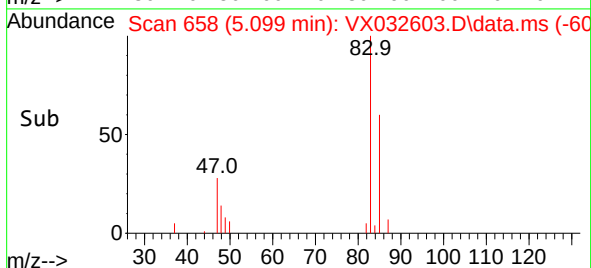
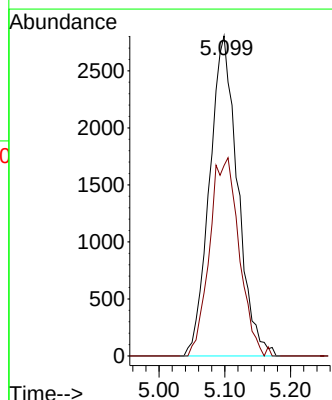
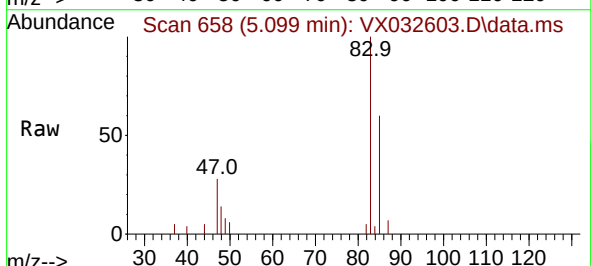
Acq: 05 Nov 2022 04:23

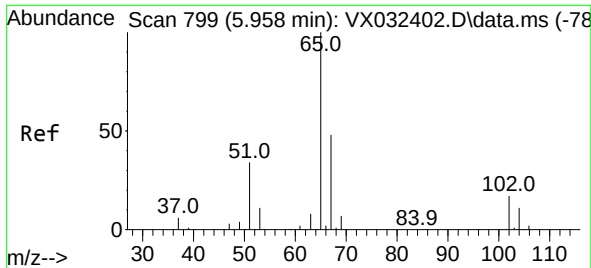
Tgt Ion: 83 Resp: 8344

Ion Ratio Lower Upper

83 100

85 59.5 51.1 76.7





#33

1,2-Dichloroethane-d4

Concen: 50.343 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032603.D

Acq: 05 Nov 2022 04:23

Instrument :

MSVOA_X

ClientSampleId :

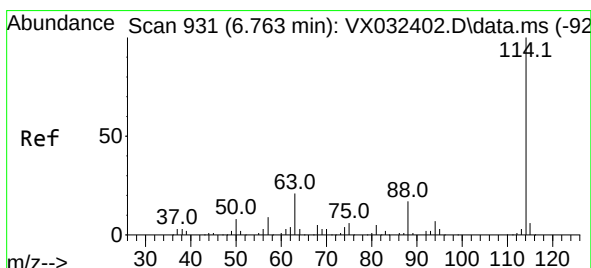
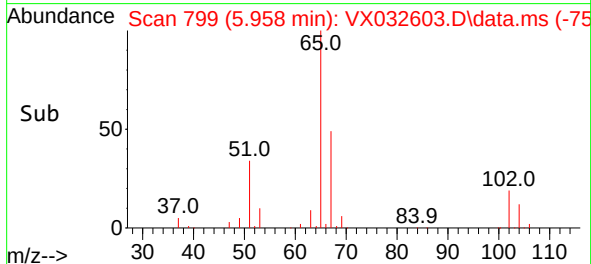
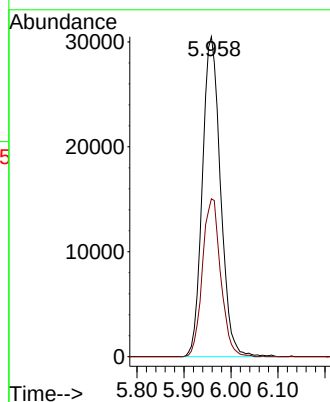
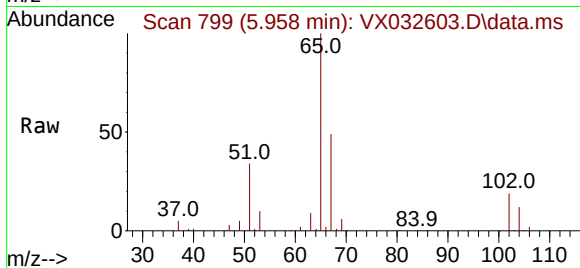
MW-8DR

Tgt Ion: 65 Resp: 81807

Ion Ratio Lower Upper

65 100

67 49.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032603.D

Acq: 05 Nov 2022 04:23

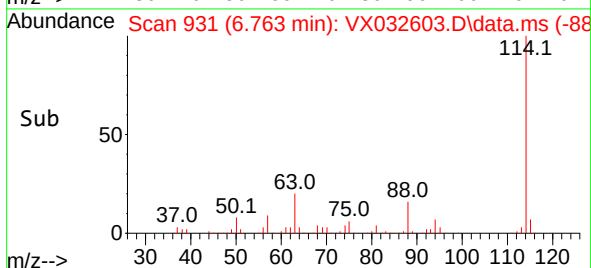
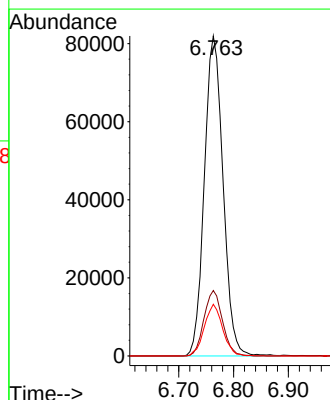
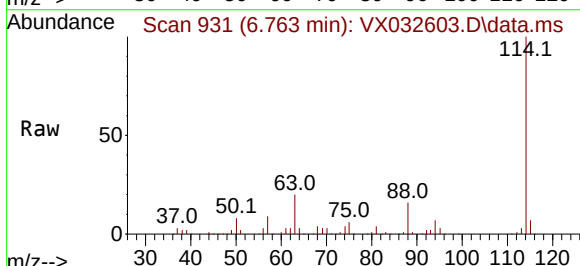
Tgt Ion: 114 Resp: 194141

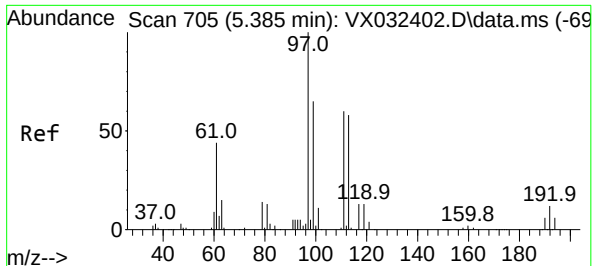
Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.6

88 16.2 0.0 33.4

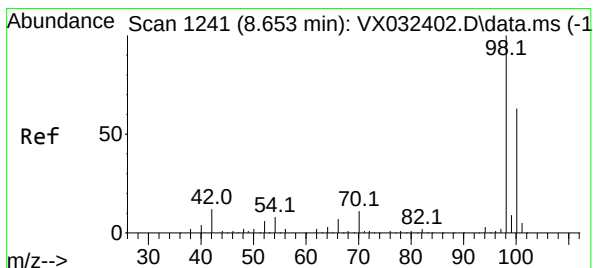
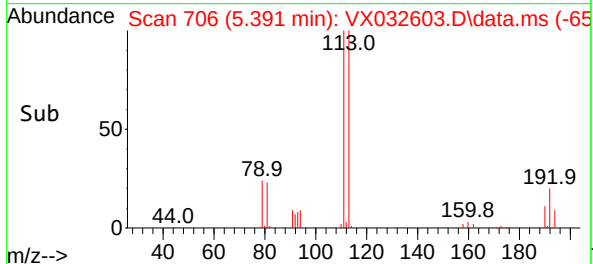
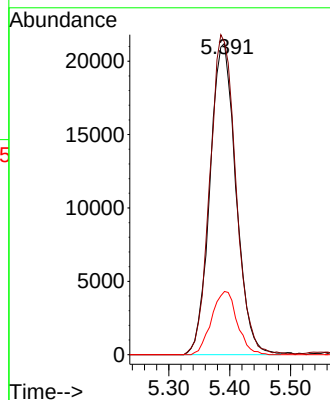
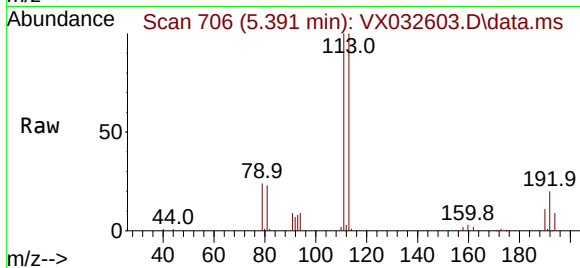




#35
Dibromofluoromethane
Concen: 45.450 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX032603.D
Acq: 05 Nov 2022 04:23

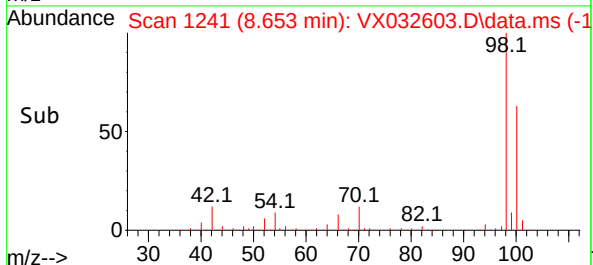
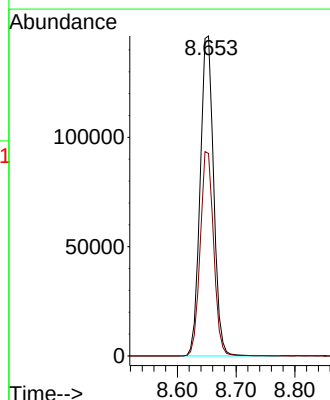
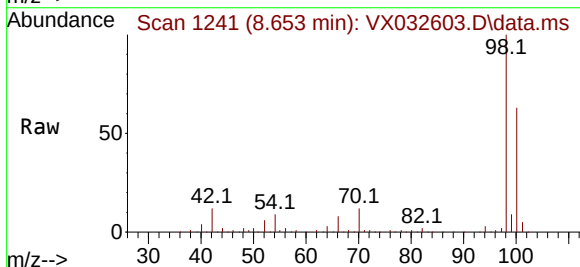
Instrument :
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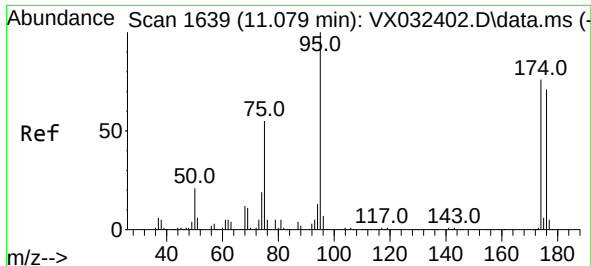
Tgt Ion:113 Resp: 62940
Ion Ratio Lower Upper
113 100
111 102.7 82.4 123.6
192 20.0 15.4 23.2



#50
Toluene-d8
Concen: 48.475 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX032603.D
Acq: 05 Nov 2022 04:23

Tgt Ion: 98 Resp: 233424
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3

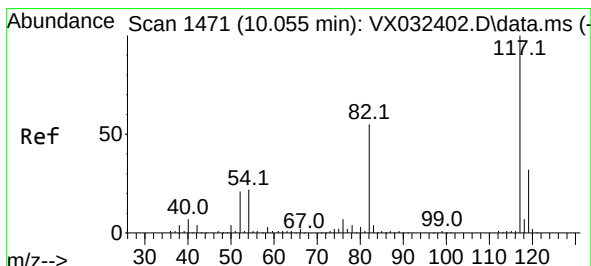
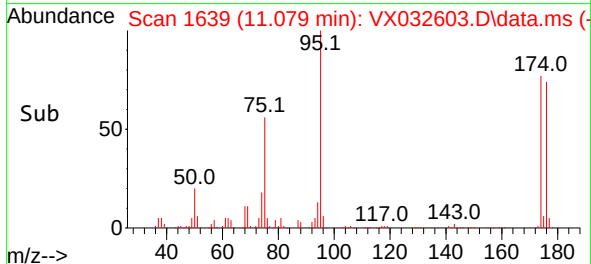
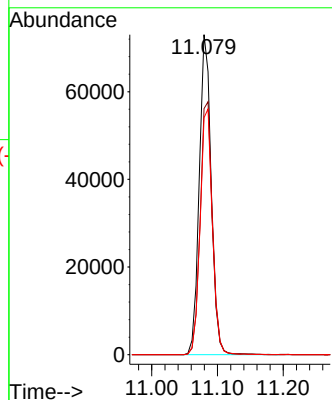
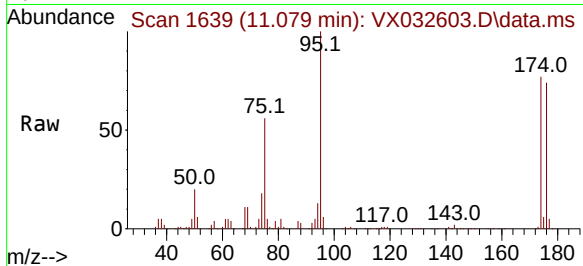




#62
4-Bromofluorobenzene
Concen: 48.849 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032603.D
Acq: 05 Nov 2022 04:23

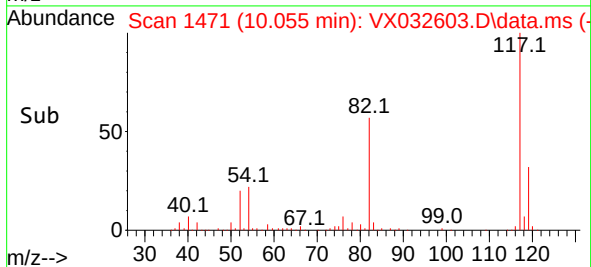
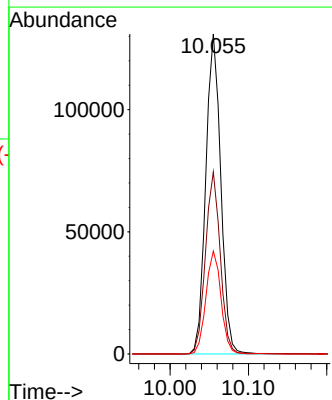
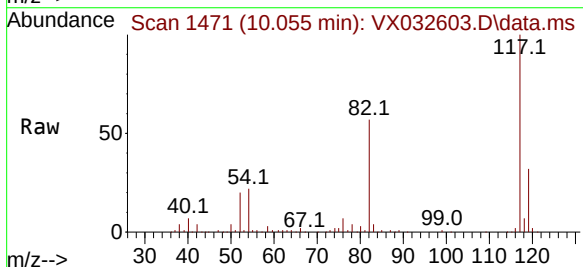
Instrument :
MSVOA_X
ClientSampleId :
MW-8DR

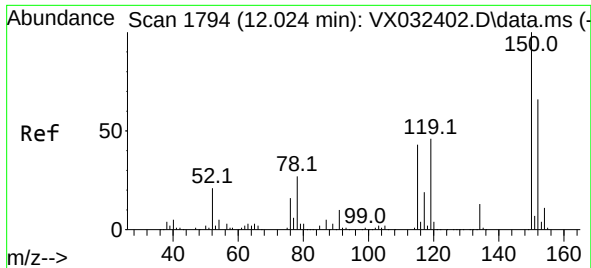
Tgt Ion: 95 Resp: 91885
Ion Ratio Lower Upper
95 100
174 81.7 0.0 164.0
176 79.0 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032603.D
Acq: 05 Nov 2022 04:23

Tgt Ion: 117 Resp: 173839
Ion Ratio Lower Upper
117 100
82 56.9 44.3 66.5
119 32.2 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX032603.D

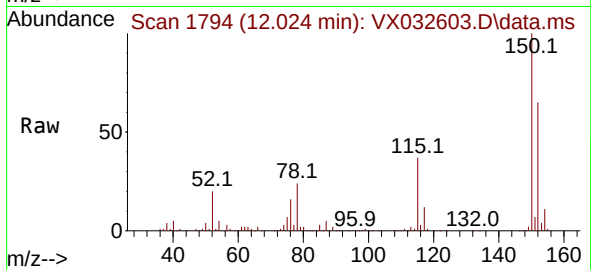
Acq: 05 Nov 2022 04:23

Instrument :

MSVOA_X

ClientSampleId :

MW-8DR



Tgt Ion:152 Resp: 82364

Ion Ratio Lower Upper

152 100

115 60.0 44.0 132.0

150 156.5 0.0 351.8

