

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111522\
 Data File : VX032830.D
 Acq On : 15 Nov 2022 18:07
 Operator : JC/MD
 Sample : N5614-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-25

Quant Time: Nov 16 03:35:11 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)

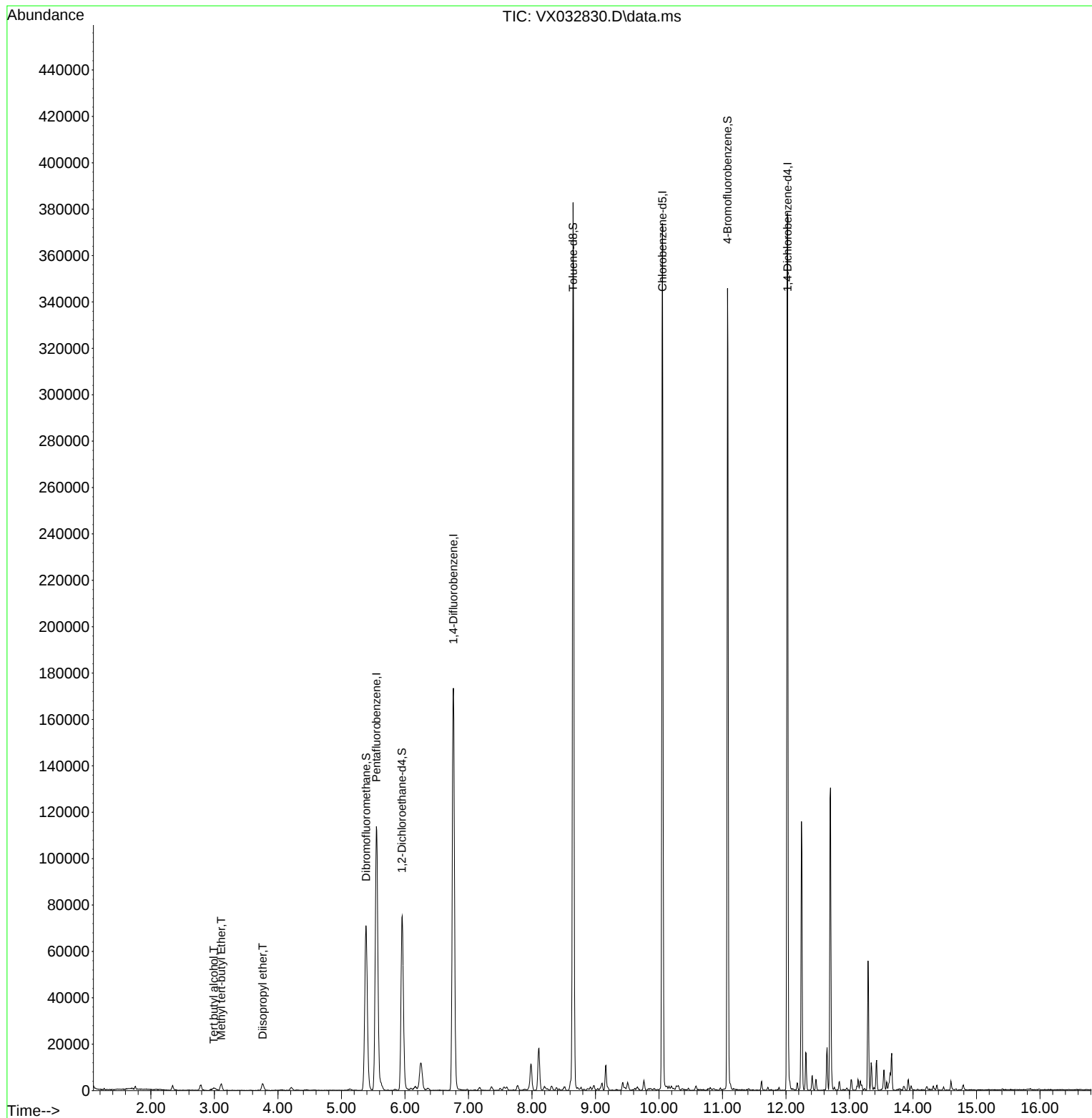
Internal Standards						
1) Pentafluorobenzene	5.550	168	108426	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	180316	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	165697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77694	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75851	50.347	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.700%
35) Dibromofluoromethane	5.385	113	61164	47.554	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.100%
50) Toluene-d8	8.647	98	225710	50.467	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.940%
62) 4-Bromofluorobenzene	11.079	95	87241	49.936	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.880%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.989	59	2339	10.667	ug/l #	72
19) Methyl tert-butyl Ether	3.105	73	1208	0.316	ug/l #	1
22) Diisopropyl ether	3.758	45	3041	0.811	ug/l #	83

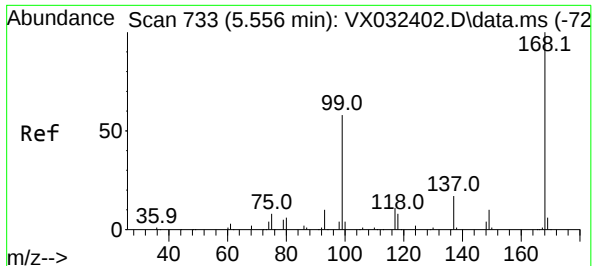
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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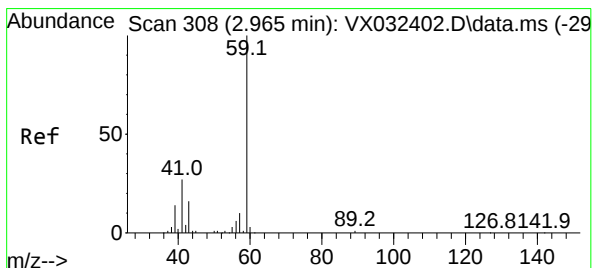
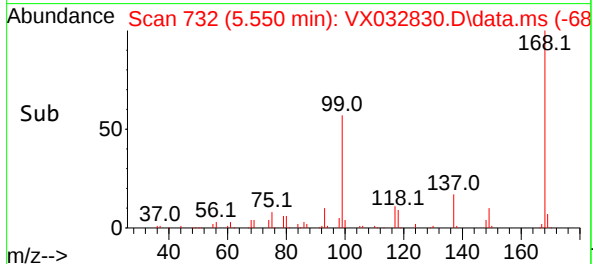
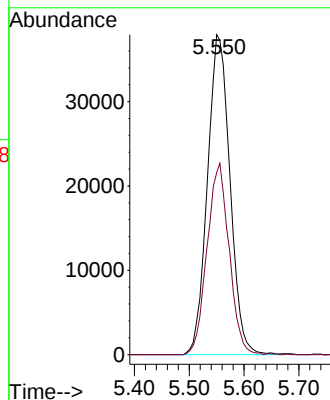
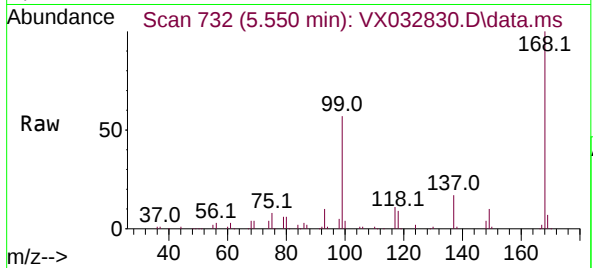




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX032830.D
Acq: 15 Nov 2022 18:07

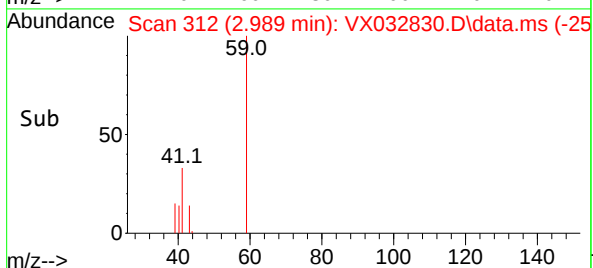
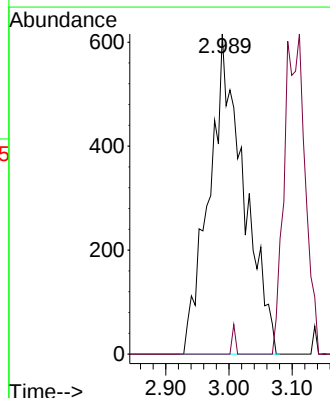
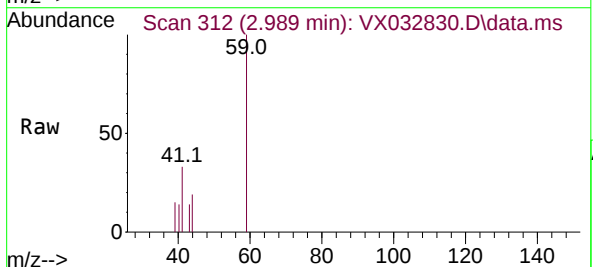
Instrument :
MSVOA_X
ClientSampleId :
MW-25

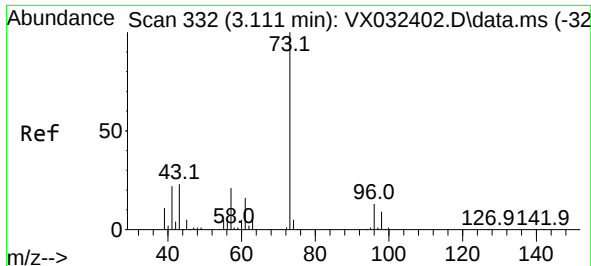
Tgt Ion:168 Resp: 108426
Ion Ratio Lower Upper
168 100
99 56.9 46.1 69.1



#11
Tert butyl alcohol
Concen: 10.667 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.025 min
Lab File: VX032830.D
Acq: 15 Nov 2022 18:07

Tgt Ion: 59 Resp: 2339
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

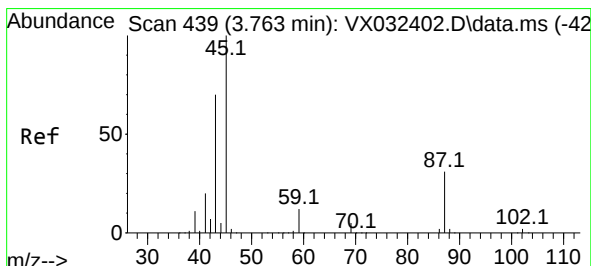
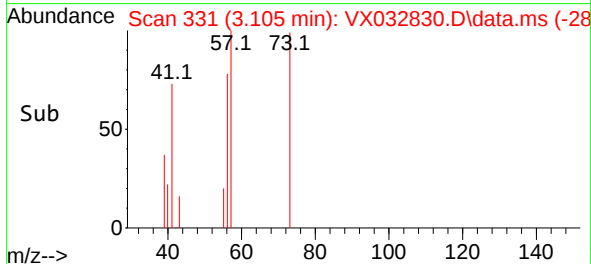
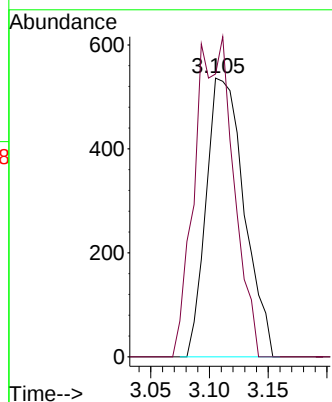
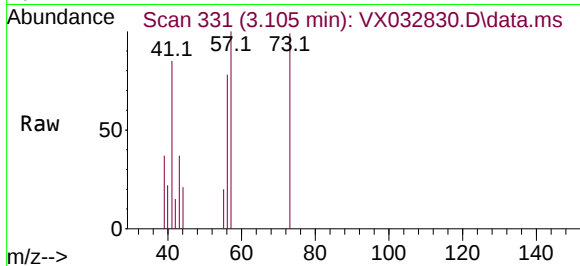




#19
Methyl tert-butyl Ether
Concen: 0.316 ug/l
RT: 3.105 min Scan# 331
Delta R.T. -0.006 min
Lab File: VX032830.D
Acq: 15 Nov 2022 18:07

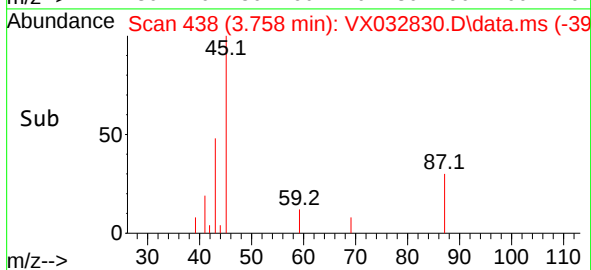
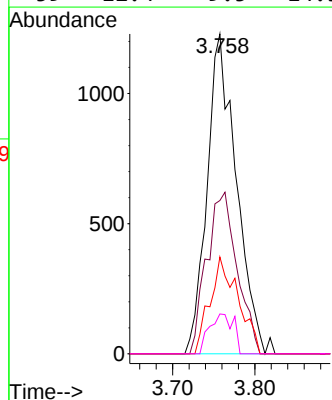
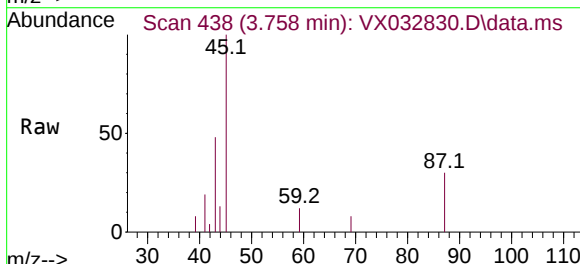
Instrument :
MSVOA_X
ClientSampleId :
MW-25

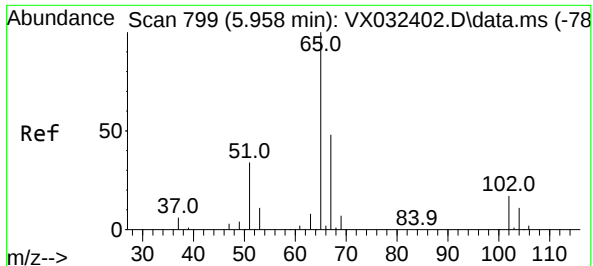
Tgt Ion: 73 Resp: 1208
Ion Ratio Lower Upper
73 100
57 101.5 16.6 25.0#



#22
Diisopropyl ether
Concen: 0.811 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX032830.D
Acq: 15 Nov 2022 18:07

Tgt Ion: 45 Resp: 3041
Ion Ratio Lower Upper
45 100
43 47.9 56.4 84.6#
87 30.3 24.4 36.6
59 12.4 9.5 14.3





#33

1,2-Dichloroethane-d4

Concen: 50.347 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX032830.D

Acq: 15 Nov 2022 18:07

Instrument :

MSVOA_X

ClientSampleId :

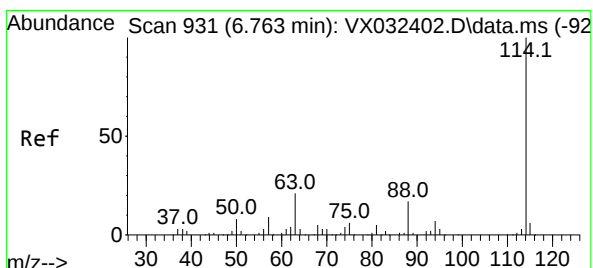
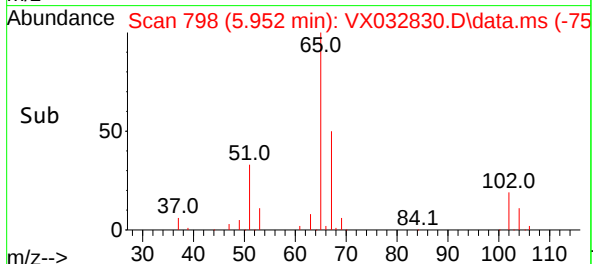
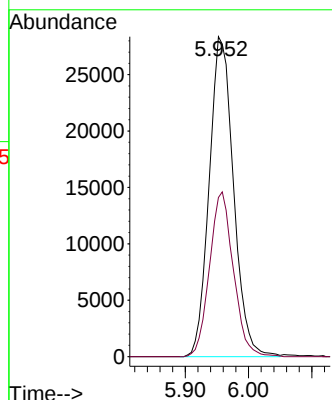
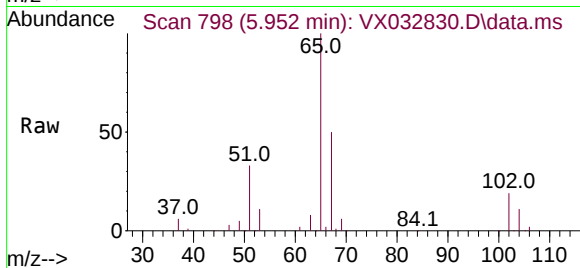
MW-25

Tgt Ion: 65 Resp: 75851

Ion Ratio Lower Upper

65 100

67 50.4 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: VX032830.D

Acq: 15 Nov 2022 18:07

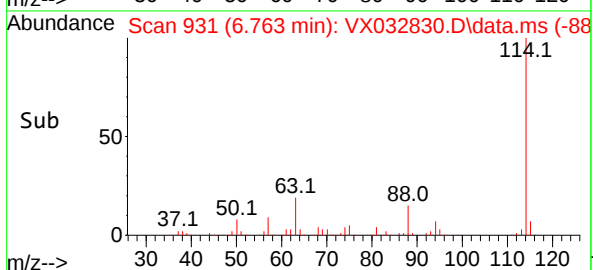
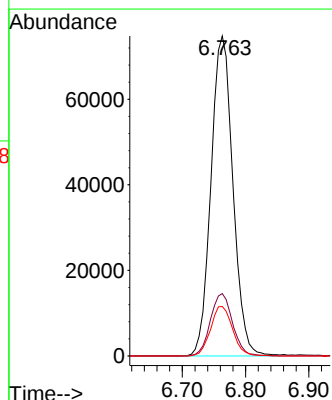
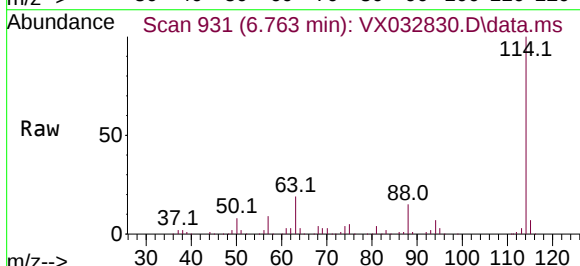
Tgt Ion: 114 Resp: 180316

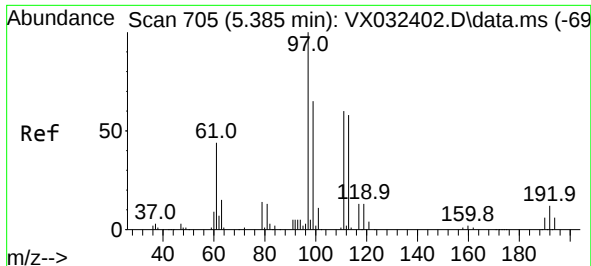
Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.6

88 15.4 0.0 33.4

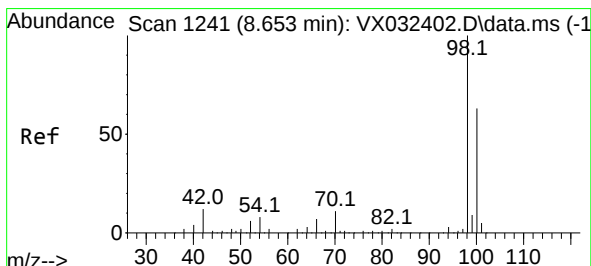
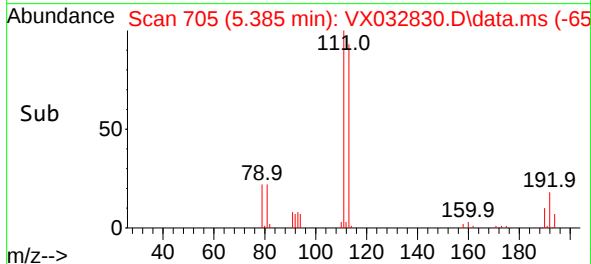
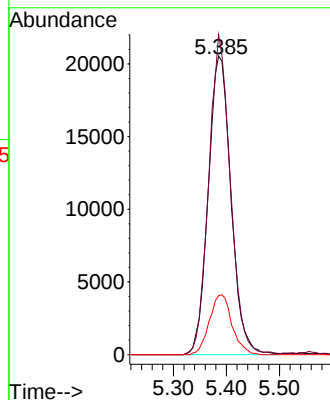
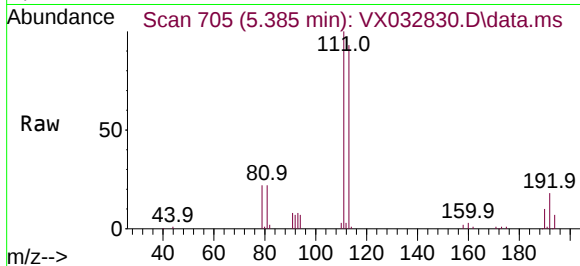




#35
 Dibromofluoromethane
 Concen: 47.554 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX032830.D
 Acq: 15 Nov 2022 18:07

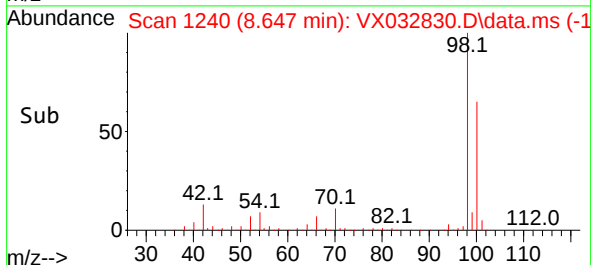
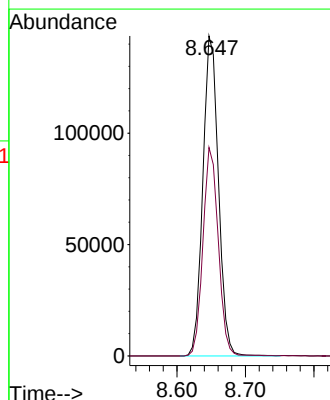
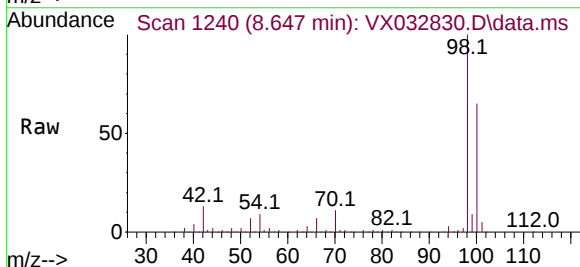
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-25

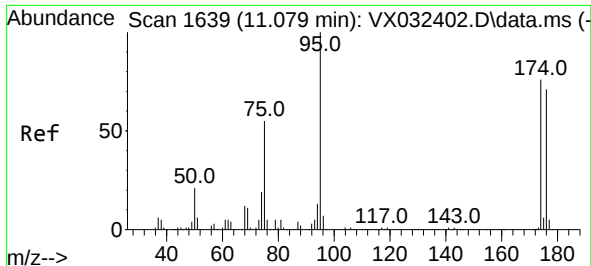
Tgt Ion:113 Resp: 61164
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.4 123.6
 192 19.9 15.4 23.2



#50
 Toluene-d8
 Concen: 50.467 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. -0.006 min
 Lab File: VX032830.D
 Acq: 15 Nov 2022 18:07

Tgt Ion: 98 Resp: 225710
 Ion Ratio Lower Upper
 98 100
 100 64.0 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 49.936 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032830.D

Acq: 15 Nov 2022 18:07

Instrument :

MSVOA_X

ClientSampleId :

MW-25

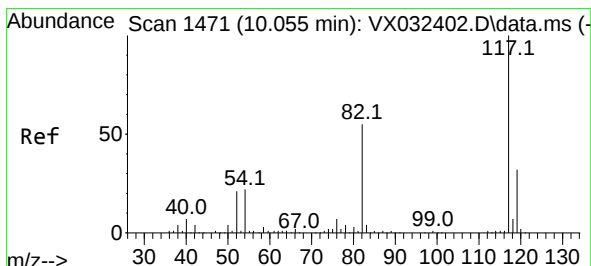
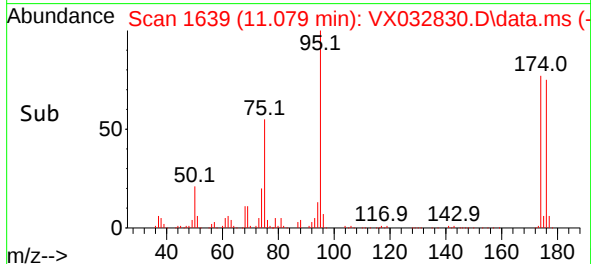
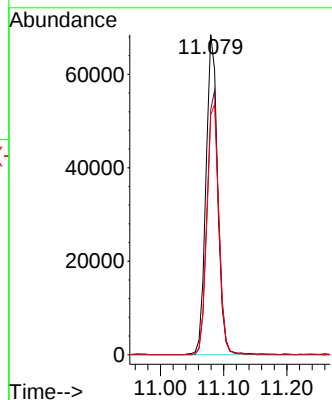
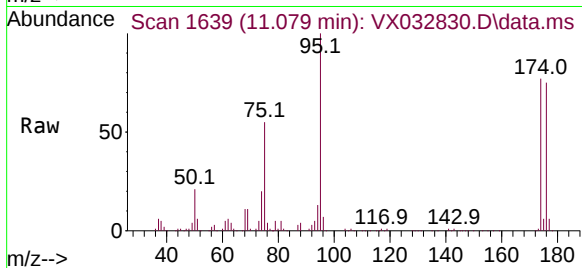
Tgt Ion: 95 Resp: 87241

Ion Ratio Lower Upper

95 100

174 82.8 0.0 164.0

176 79.8 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: VX032830.D

Acq: 15 Nov 2022 18:07

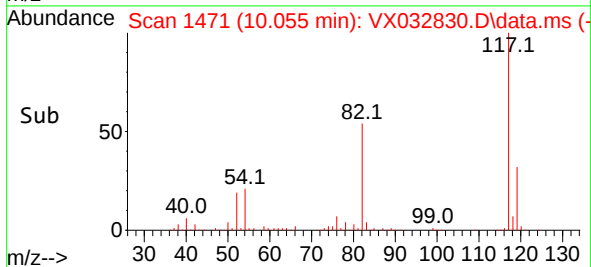
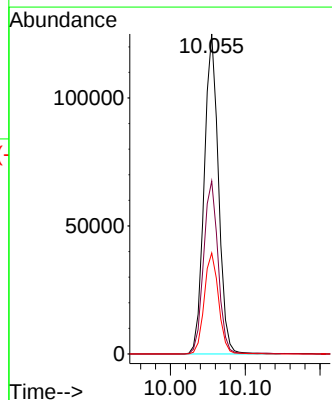
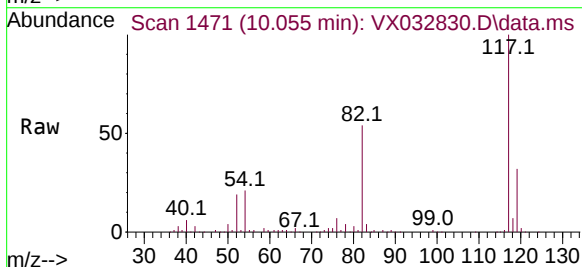
Tgt Ion: 117 Resp: 165697

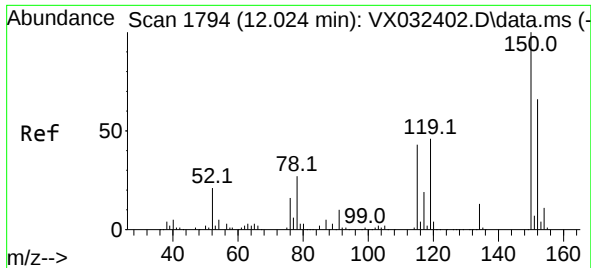
Ion Ratio Lower Upper

117 100

82 54.0 44.3 66.5

119 31.5 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: VX032830.D

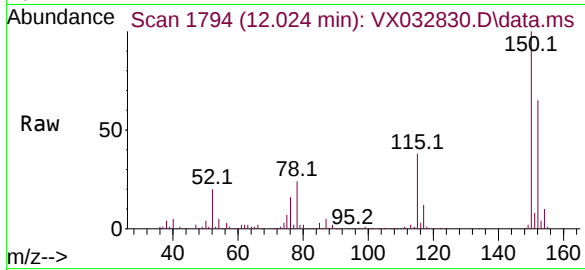
Acq: 15 Nov 2022 18:07

Instrument :

MSVOA_X

ClientSampleId :

MW-25



Tgt Ion:152 Resp: 77694

Ion Ratio Lower Upper

152 100

115 60.4 44.0 132.0

150 156.1 0.0 351.8

