

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
 Data File : VX033019.D
 Acq On : 23 Nov 2022 15:02
 Operator : JC/MD
 Sample : N5741-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14

Quant Time: Nov 24 04:06:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

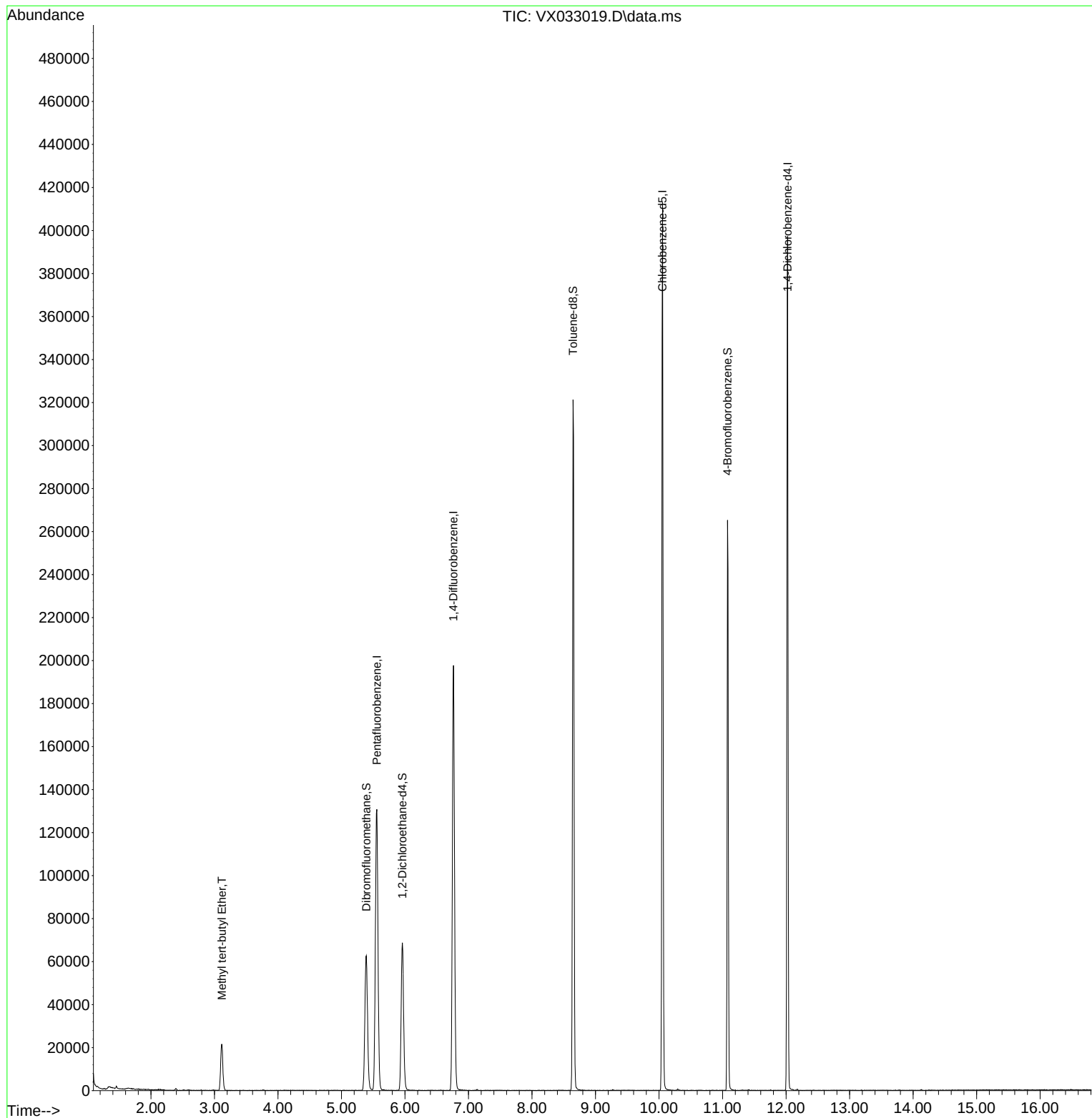
Internal Standards						
1) Pentafluorobenzene	5.556	168	124585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	201332	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81598	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70211	58.187	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	116.380%
35) Dibromofluoromethane	5.391	113	54791	48.273	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.540%
50) Toluene-d8	8.647	98	191692	56.407	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	112.820%#
62) 4-Bromofluorobenzene	11.079	95	67212	45.079	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.160%
Target Compounds						
19) Methyl tert-butyl Ether	3.117	73	24329	6.452	ug/l	Qvalue 99

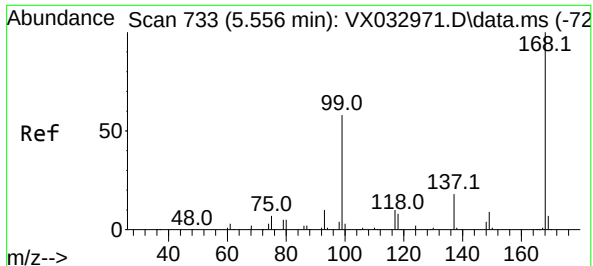
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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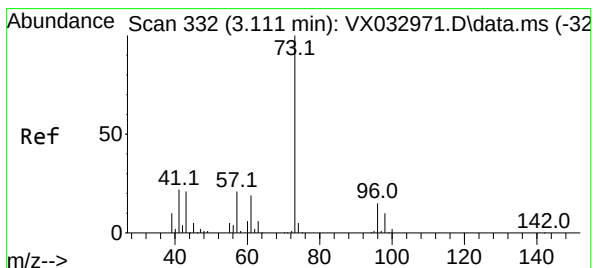
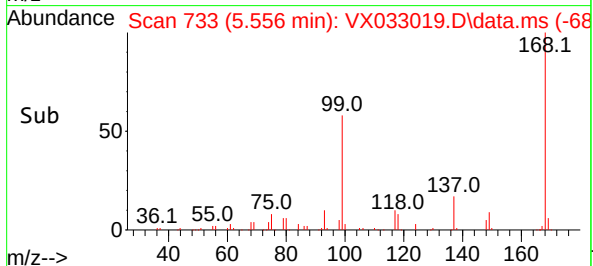
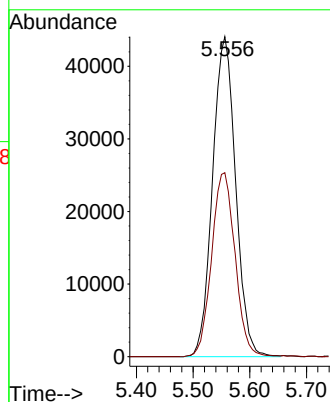
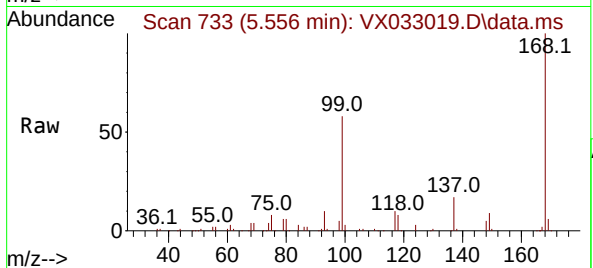




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX033019.D
Acq: 23 Nov 2022 15:02

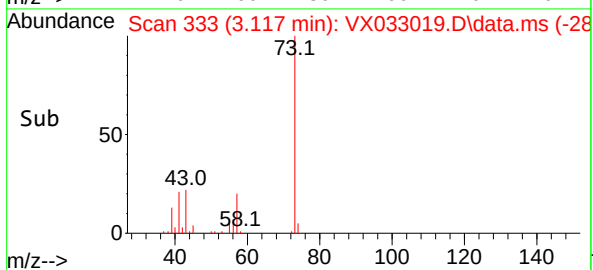
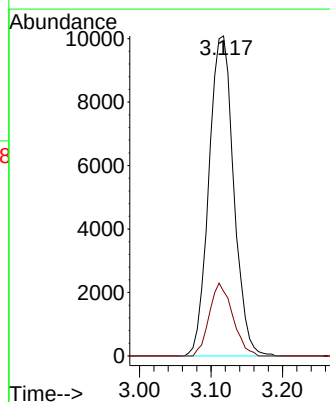
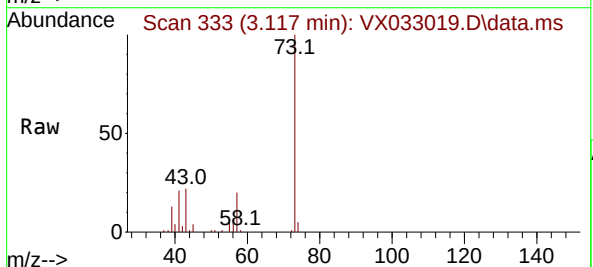
Instrument :
MSVOA_X
ClientSampleId :
MW-14

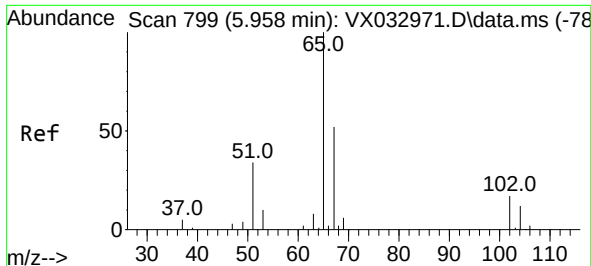
Tgt Ion:168 Resp: 124585
Ion Ratio Lower Upper
168 100
99 57.5 46.1 69.1



#19
Methyl tert-butyl Ether
Concen: 6.452 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX033019.D
Acq: 23 Nov 2022 15:02

Tgt Ion: 73 Resp: 24329
Ion Ratio Lower Upper
73 100
57 20.2 16.6 25.0

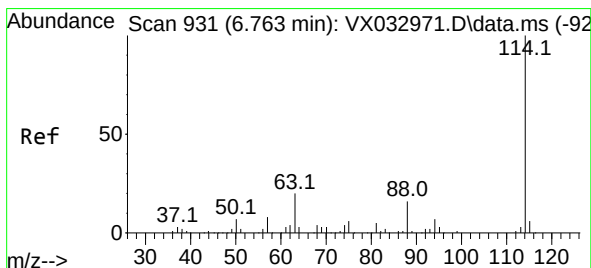
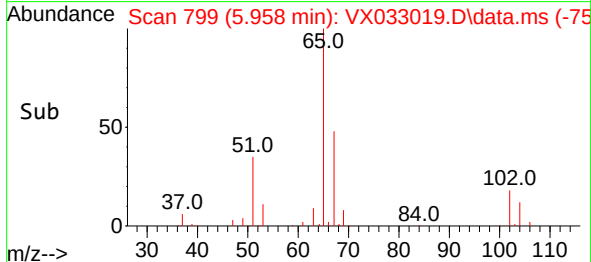
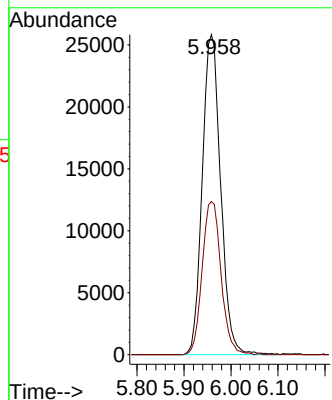
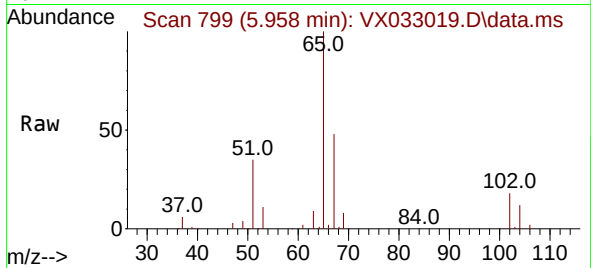




#33
 1,2-Dichloroethane-d4
 Concen: 58.187 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX033019.D
 Acq: 23 Nov 2022 15:02

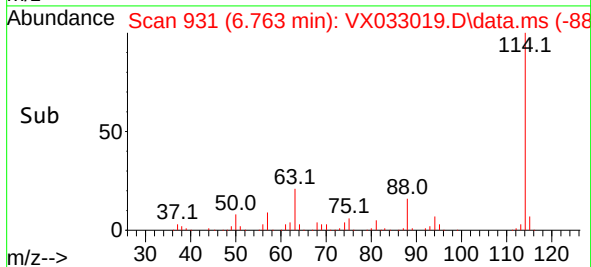
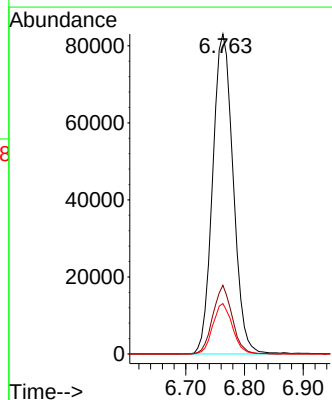
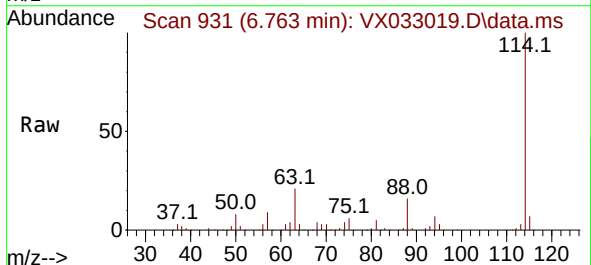
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14

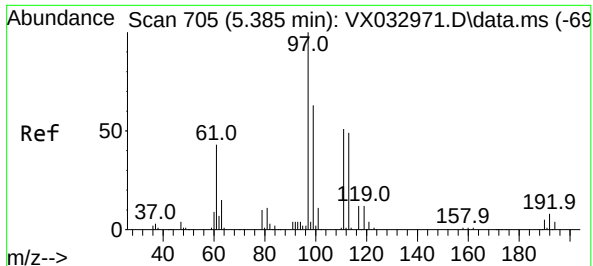
Tgt Ion: 65 Resp: 70211
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX033019.D
 Acq: 23 Nov 2022 15:02

Tgt Ion: 114 Resp: 201332
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 41.6
 88 15.8 0.0 33.4

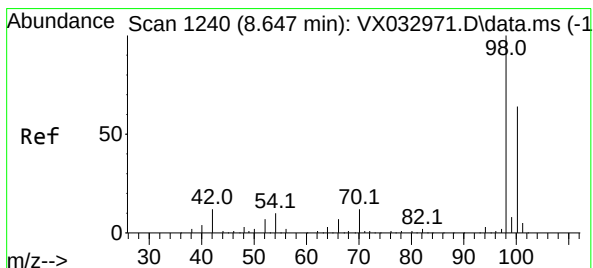
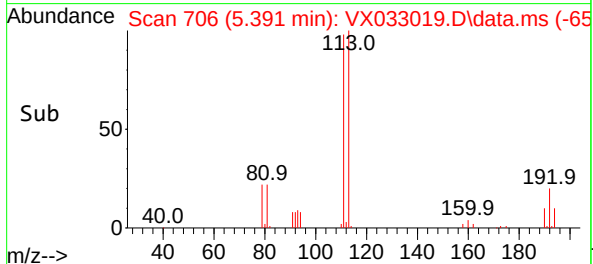
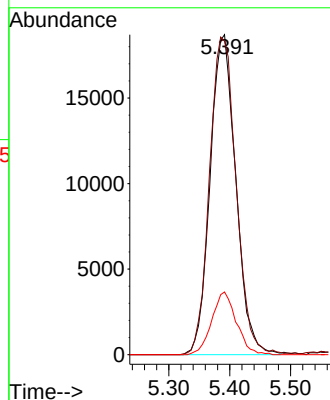
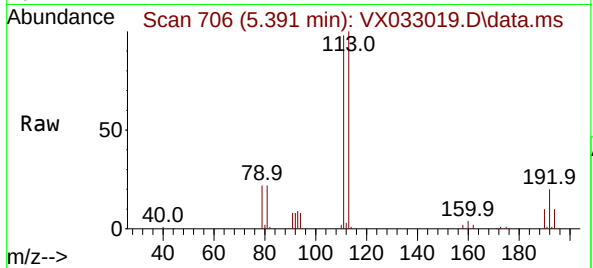




#35
 Dibromofluoromethane
 Concen: 48.273 ug/l
 RT: 5.391 min Scan# 705
 Delta R.T. 0.006 min
 Lab File: VX033019.D
 Acq: 23 Nov 2022 15:02

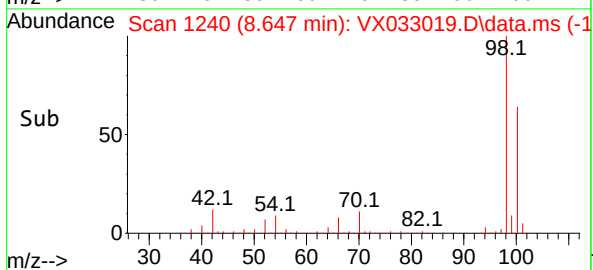
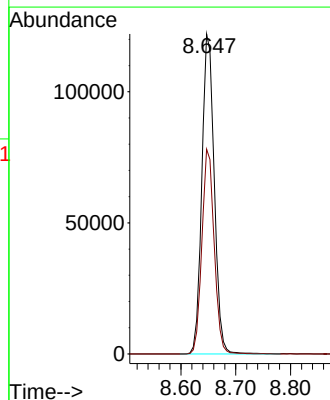
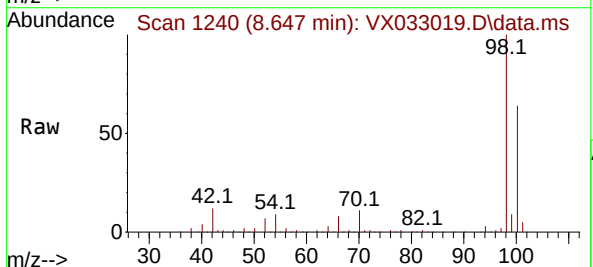
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14

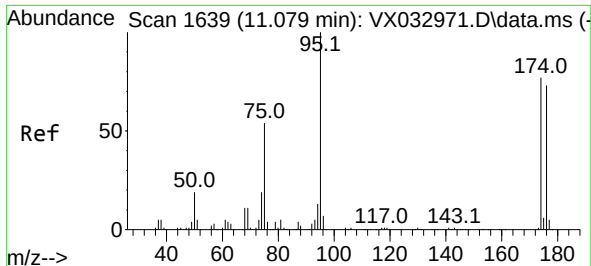
Tgt Ion:113 Resp: 54791
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.4 123.6
 192 18.8 15.4 23.2



#50
 Toluene-d8
 Concen: 56.407 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. -0.006 min
 Lab File: VX033019.D
 Acq: 23 Nov 2022 15:02

Tgt Ion: 98 Resp: 191692
 Ion Ratio Lower Upper
 98 100
 100 63.4 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 45.079 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033019.D

Acq: 23 Nov 2022 15:02

Instrument :

MSVOA_X

ClientSampleId :

MW-14

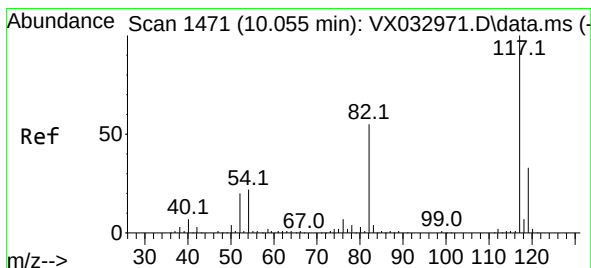
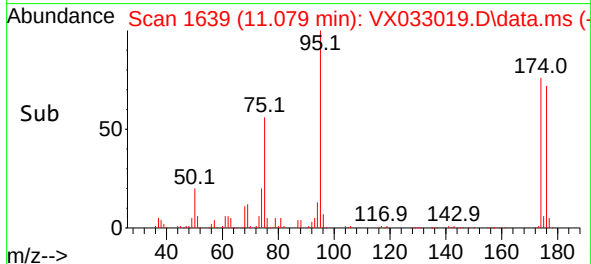
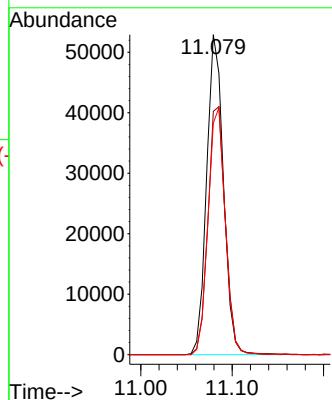
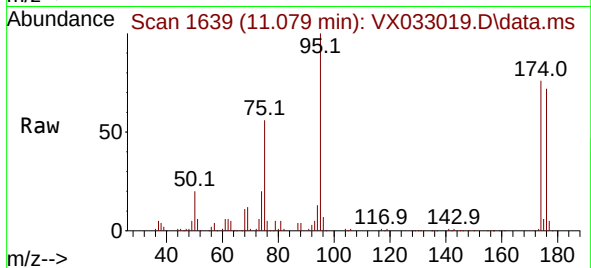
Tgt Ion: 95 Resp: 67212

Ion Ratio Lower Upper

95 100

174 80.3 0.0 164.0

176 79.1 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: VX033019.D

Acq: 23 Nov 2022 15:02

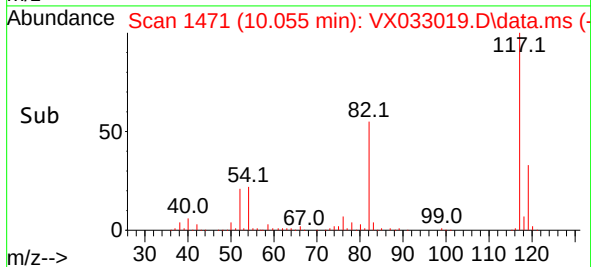
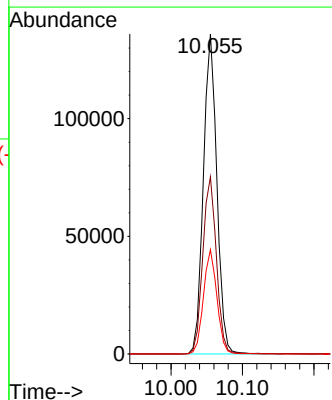
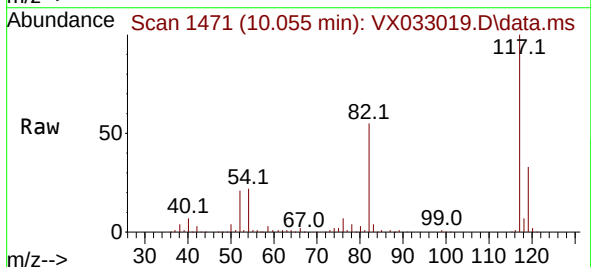
Tgt Ion: 117 Resp: 178226

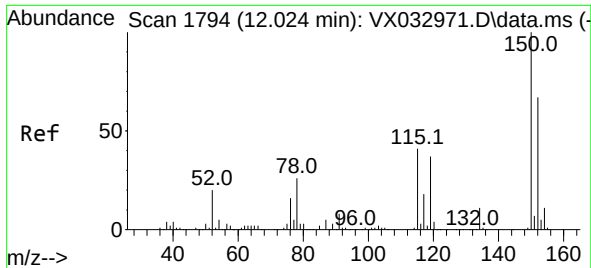
Ion Ratio Lower Upper

117 100

82 55.4 44.3 66.5

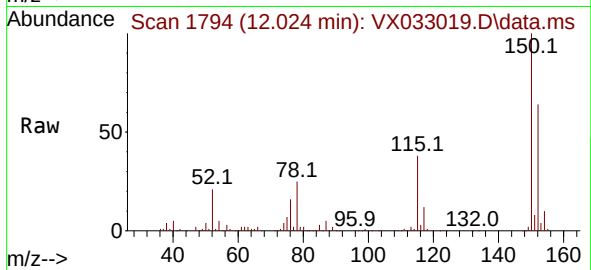
119 32.6 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033019.D
 Acq: 23 Nov 2022 15:02

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14



Tgt Ion:152 Resp: 81598
 Ion Ratio Lower Upper
 152 100
 115 61.3 44.0 132.0
 150 158.4 0.0 351.8

