

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
 Data File : VX034878.D
 Acq On : 31 Mar 2023 15:12
 Operator : JC/MD
 Sample : 02048-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2R

Quant Time: Apr 03 01:19:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

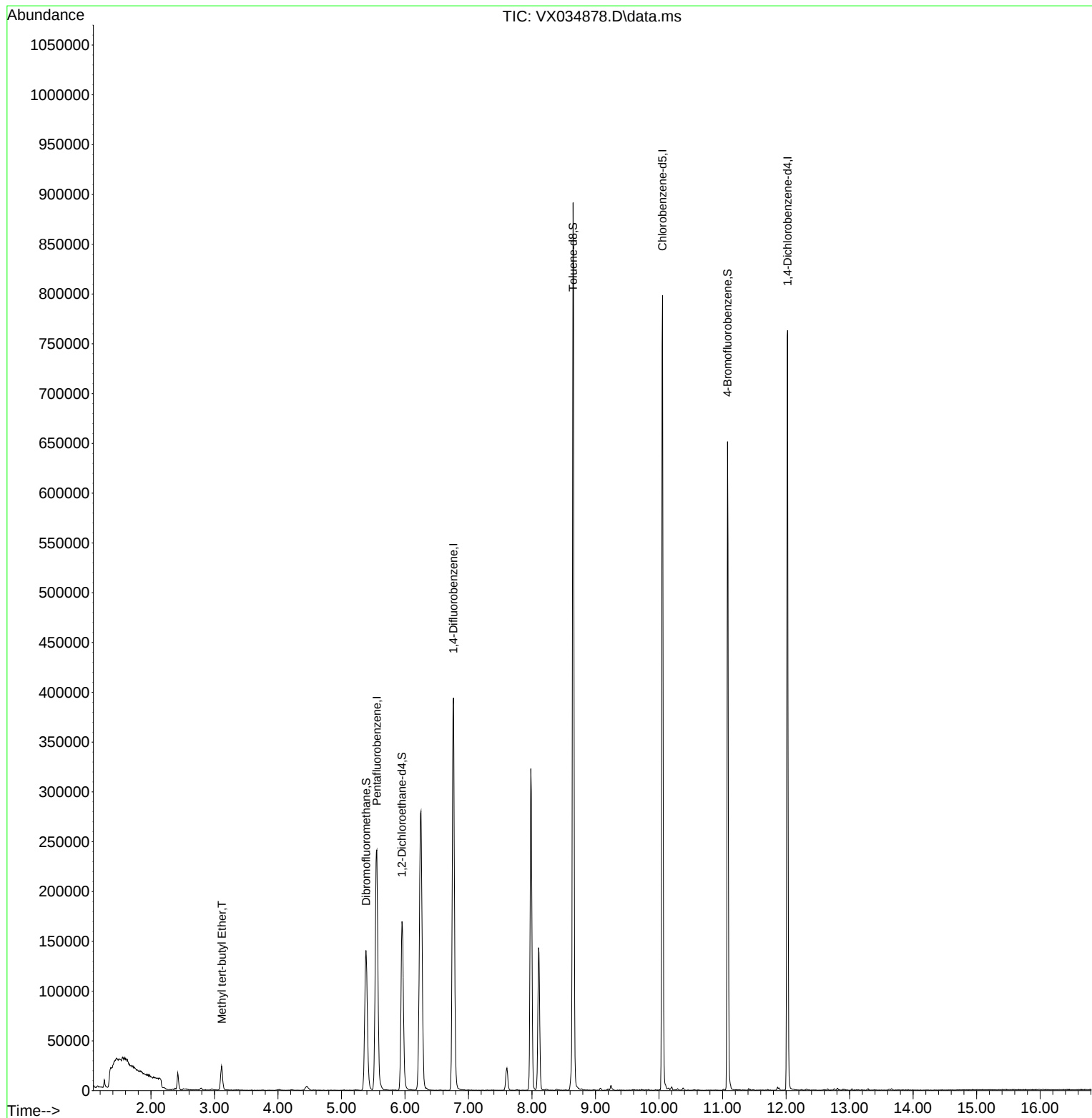
Internal Standards						
1) Pentafluorobenzene	5.556	168	224177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	393357	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	348207	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	155093	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	162892	47.512	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.020%
35) Dibromofluoromethane	5.385	113	121794	46.812	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.620%
50) Toluene-d8	8.647	98	505589	52.648	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.300%
62) 4-Bromofluorobenzene	11.079	95	167480	45.068	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.140%
Target Compounds						
19) Methyl tert-butyl Ether	3.117	73	24514	2.877	ug/l	Qvalue 92

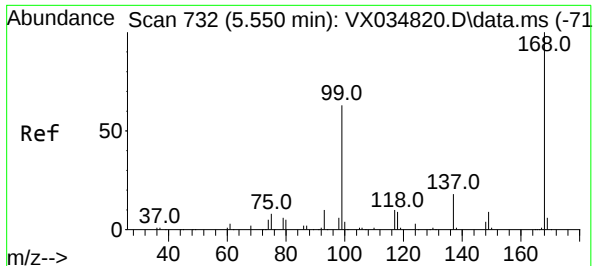
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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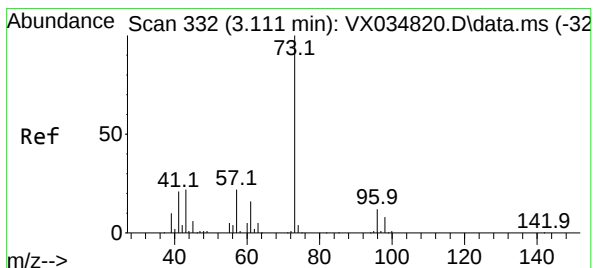
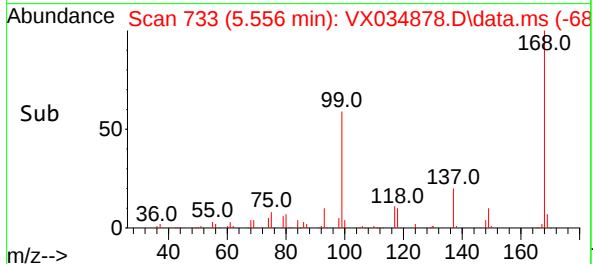
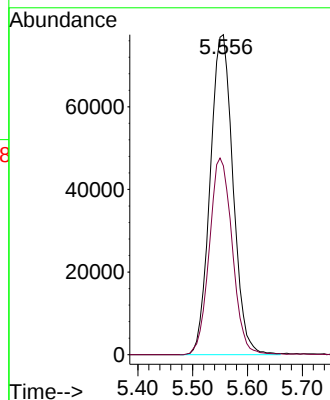
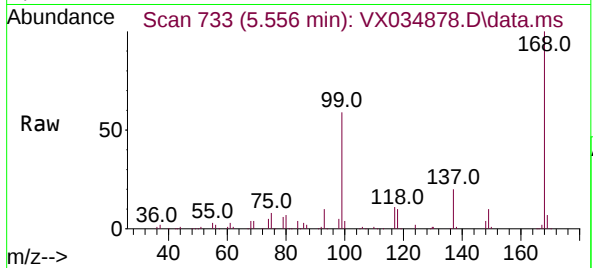




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.006 min
Lab File: VX034878.D
Acq: 31 Mar 2023 15:12

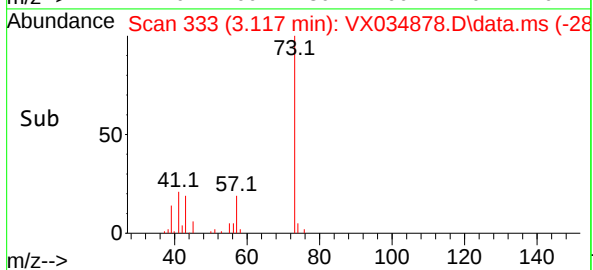
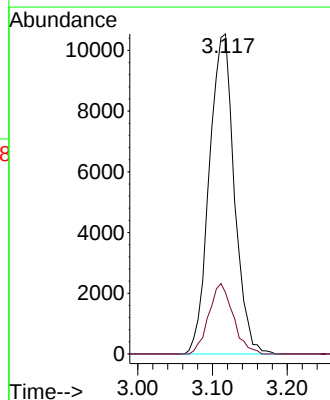
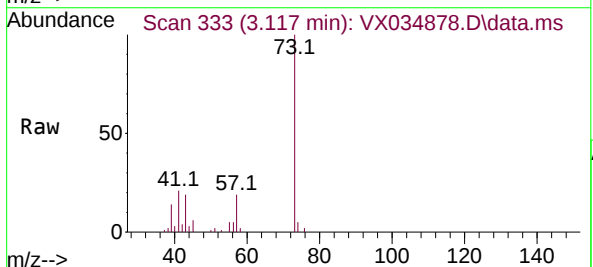
Instrument :
MSVOA_X
ClientSampleId :
MW-2R

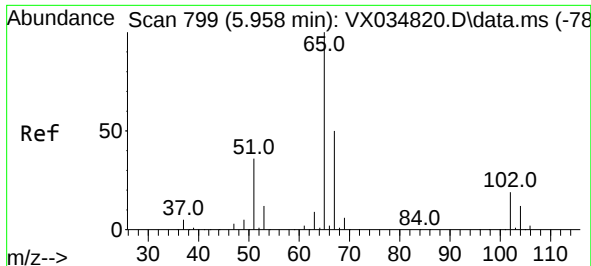
Tgt Ion:168 Resp: 224177
Ion Ratio Lower Upper
168 100
99 59.0 45.7 68.5



#19
Methyl tert-butyl Ether
Concen: 2.877 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX034878.D
Acq: 31 Mar 2023 15:12

Tgt Ion: 73 Resp: 24514
Ion Ratio Lower Upper
73 100
57 19.2 18.5 27.7

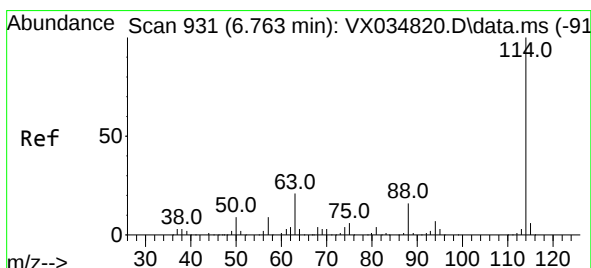
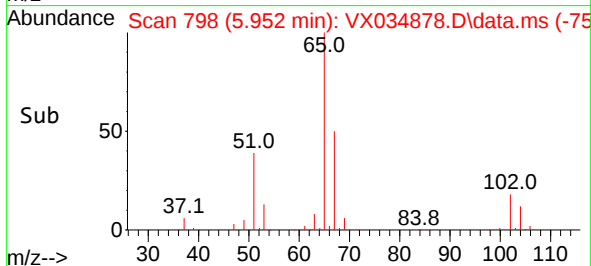
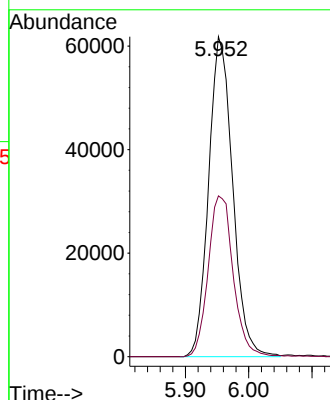
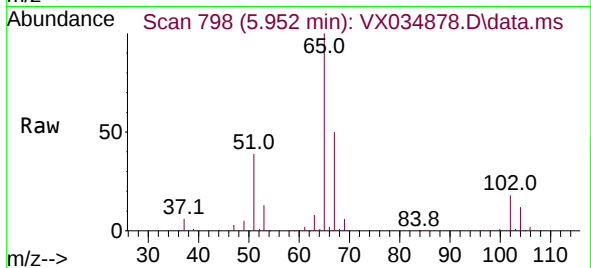




#33
 1,2-Dichloroethane-d4
 Concen: 47.512 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX034878.D
 Acq: 31 Mar 2023 15:12

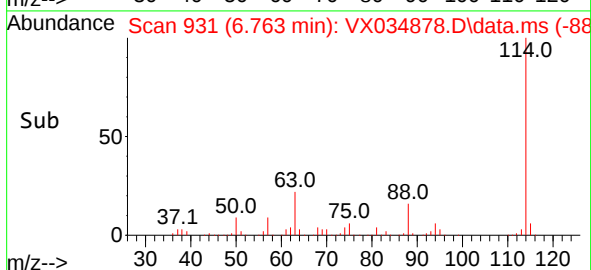
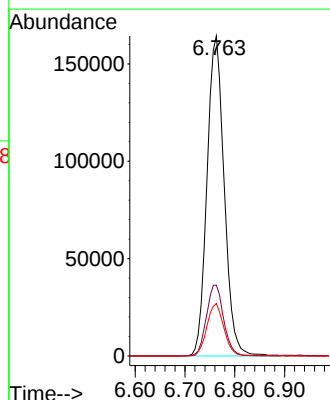
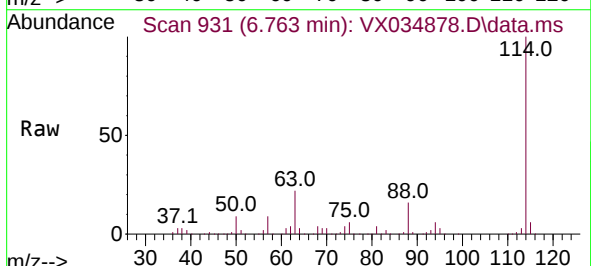
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2R

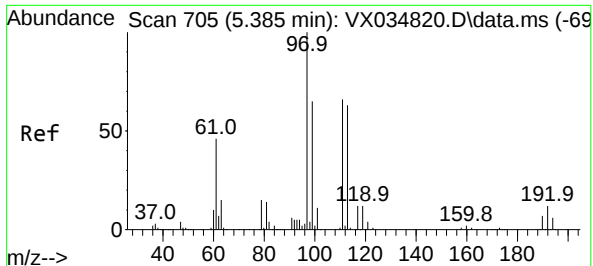
Tgt Ion: 65 Resp: 162892
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX034878.D
 Acq: 31 Mar 2023 15:12

Tgt Ion: 114 Resp: 393357
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 42.2
 88 16.4 0.0 33.2

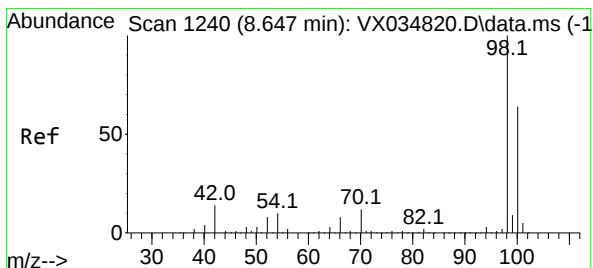
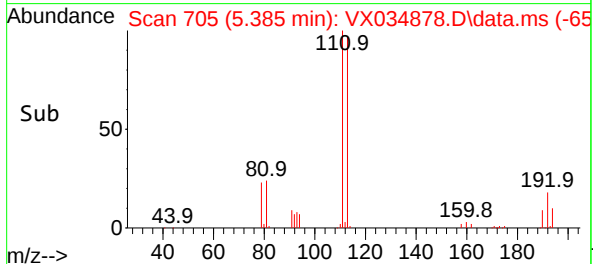
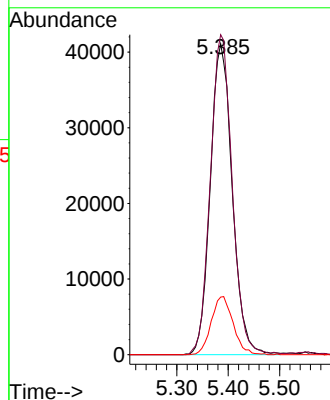
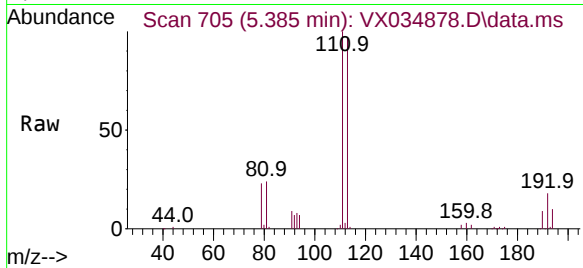




#35
Dibromofluoromethane
Concen: 46.812 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034878.D
Acq: 31 Mar 2023 15:12

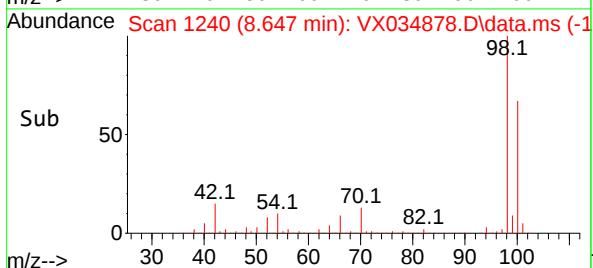
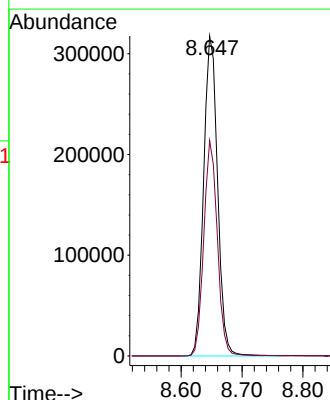
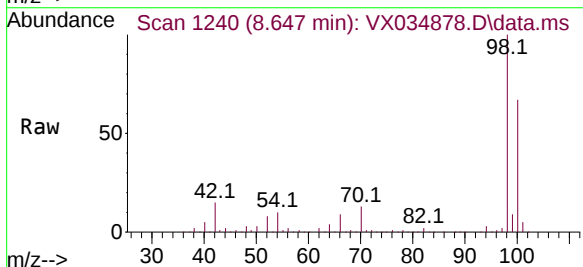
Instrument :
MSVOA_X
ClientSampleId :
MW-2R

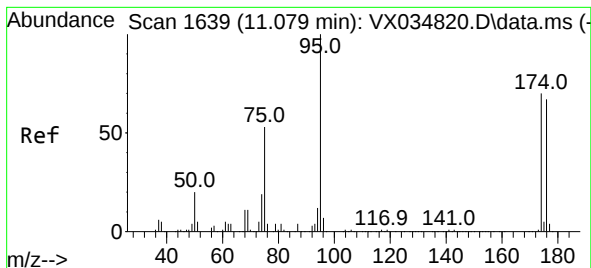
Tgt Ion:113 Resp: 121794
Ion Ratio Lower Upper
113 100
111 102.4 83.7 125.5
192 18.6 15.4 23.2



#50
Toluene-d8
Concen: 52.648 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034878.D
Acq: 31 Mar 2023 15:12

Tgt Ion: 98 Resp: 505589
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7

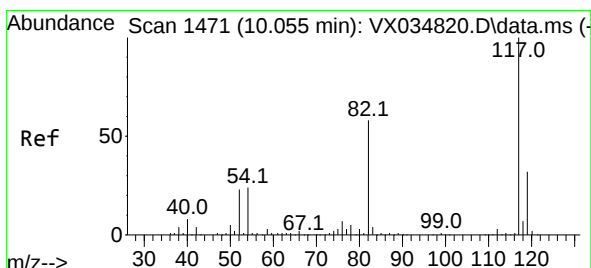
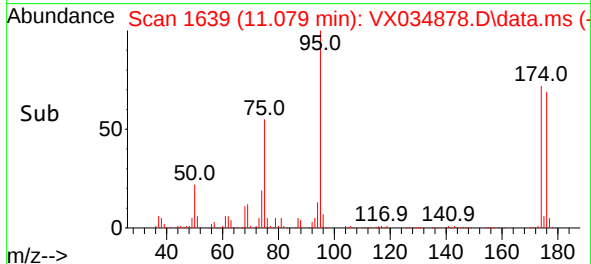
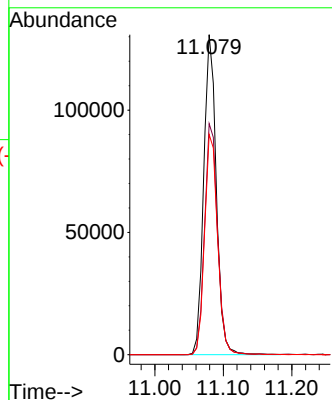
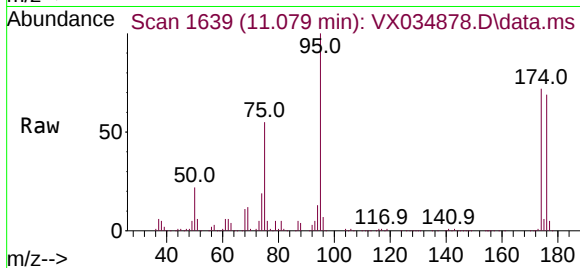




#62
4-Bromofluorobenzene
Concen: 45.068 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034878.D
Acq: 31 Mar 2023 15:12

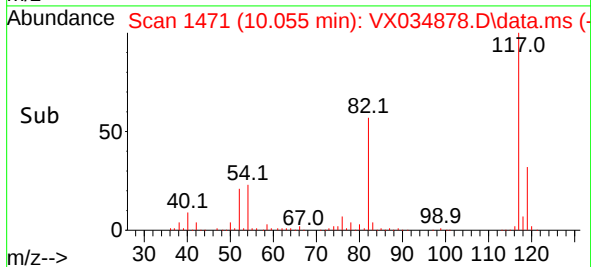
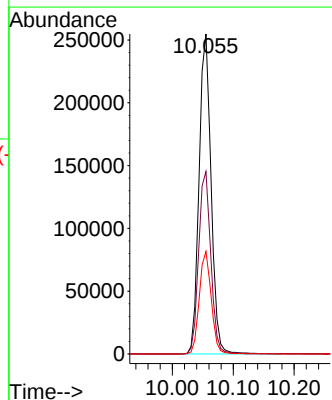
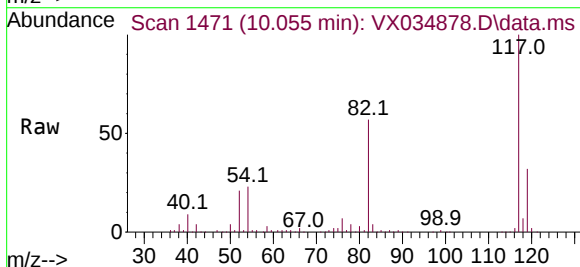
Instrument :
MSVOA_X
ClientSampleId :
MW-2R

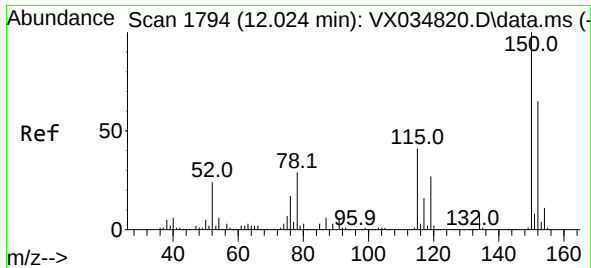
Tgt Ion: 95 Resp: 167480
Ion Ratio Lower Upper
95 100
174 74.5 0.0 147.4
176 71.4 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034878.D
Acq: 31 Mar 2023 15:12

Tgt Ion: 117 Resp: 348207
Ion Ratio Lower Upper
117 100
82 57.0 45.0 67.4
119 32.1 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034878.D

Acq: 31 Mar 2023 15:12

Instrument :

MSVOA_X

ClientSampleId :

MW-2R

Tgt Ion:152 Resp: 155093

Ion Ratio Lower Upper

152 100

115 60.6 45.0 135.0

150 157.0 0.0 352.4

