

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
 Data File : VX034877.D
 Acq On : 31 Mar 2023 14:49
 Operator : JC/MD
 Sample : 02048-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1R

Quant Time: Apr 03 01:18:44 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)

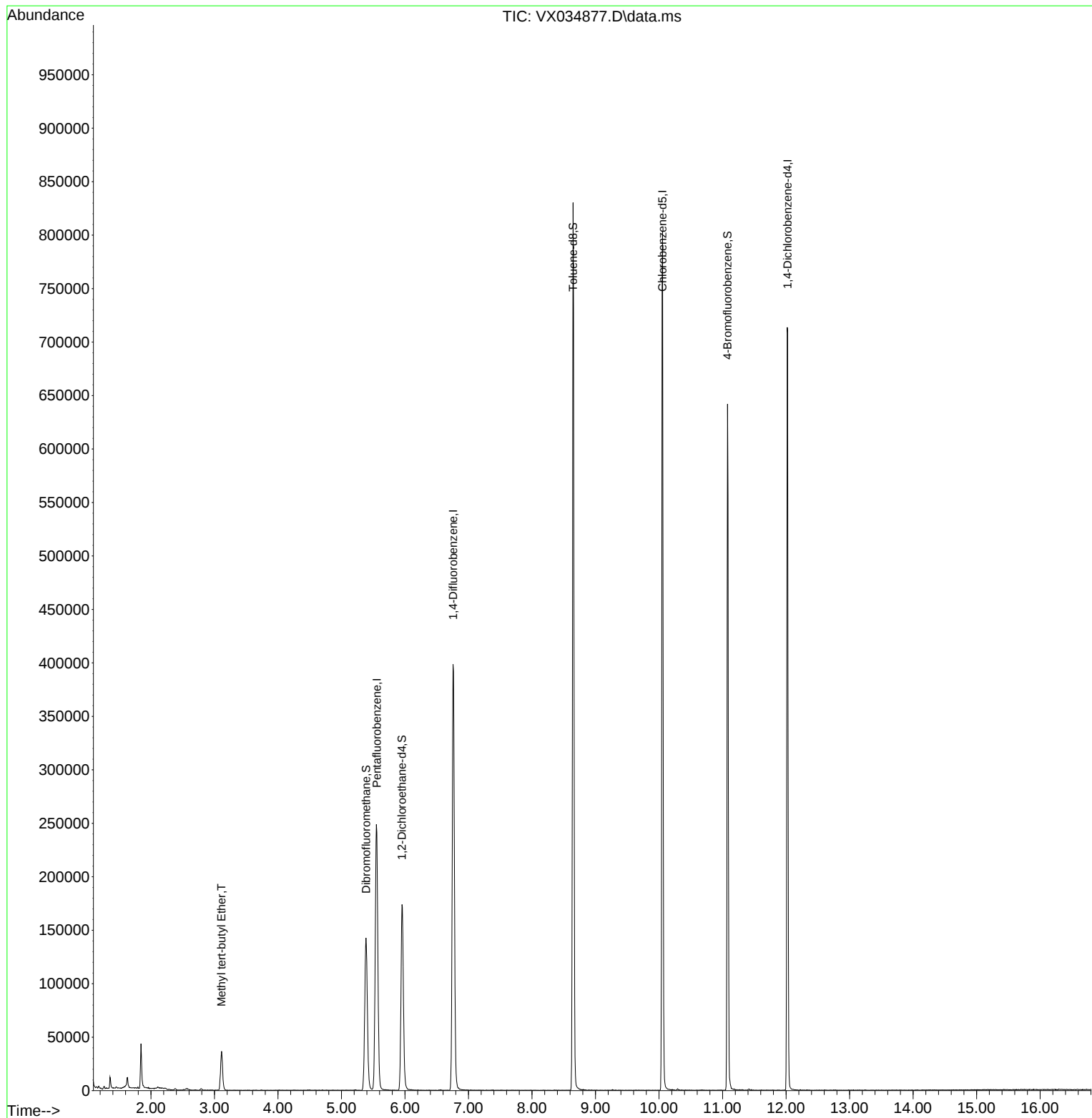
Internal Standards						
1) Pentafluorobenzene	5.556	168	225975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	397217	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	344612	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	142799	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	166180	48.085	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.180%
35) Dibromofluoromethane	5.385	113	122661	46.688	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.380%
50) Toluene-d8	8.647	98	473811	48.860	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.720%
62) 4-Bromofluorobenzene	11.079	95	169933	45.283	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.560%
Target Compounds						
19) Methyl tert-butyl Ether	3.111	73	38233	4.451	ug/l	Qvalue 100

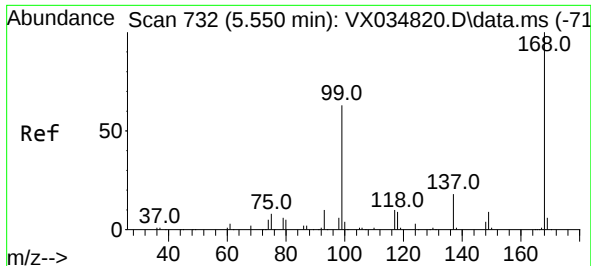
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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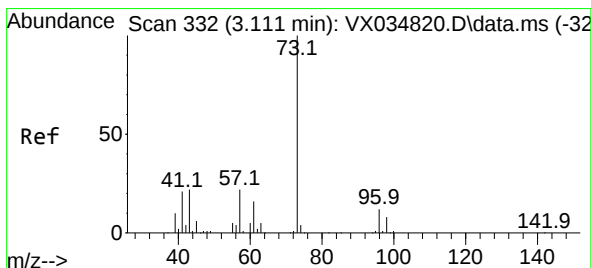
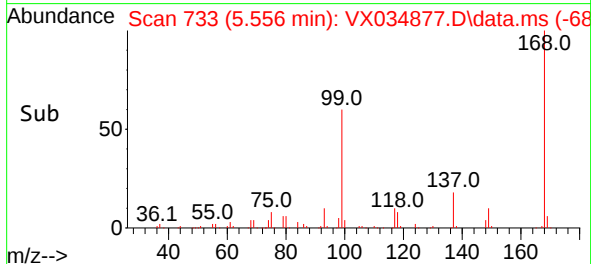
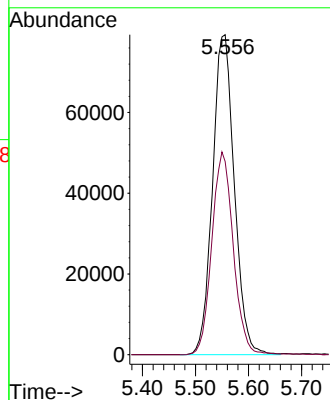
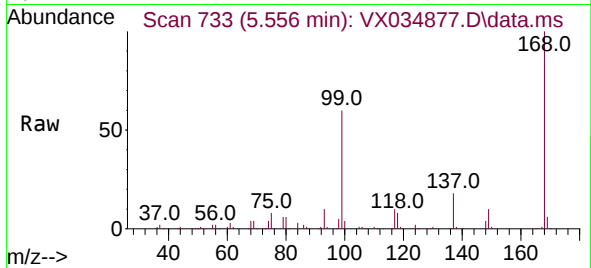




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034877.D
Acq: 31 Mar 2023 14:49

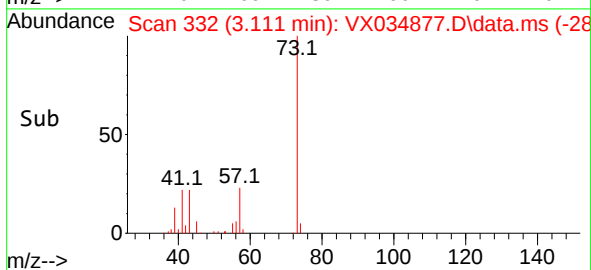
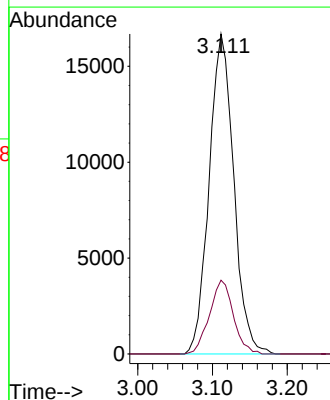
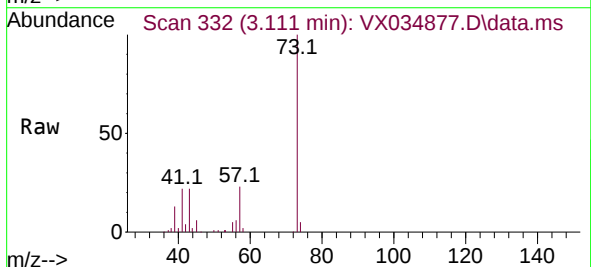
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

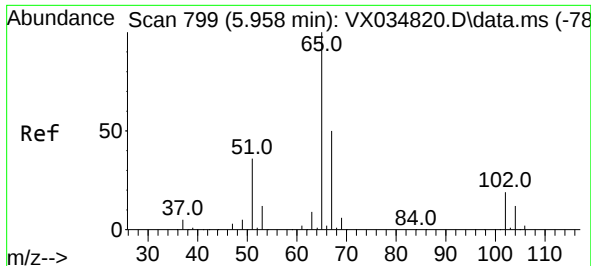
Tgt Ion:168 Resp: 225975
Ion Ratio Lower Upper
168 100
99 60.3 45.7 68.5



#19
Methyl tert-butyl Ether
Concen: 4.451 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX034877.D
Acq: 31 Mar 2023 14:49

Tgt Ion: 73 Resp: 38233
Ion Ratio Lower Upper
73 100
57 23.0 18.5 27.7





#33

1,2-Dichloroethane-d4

Concen: 48.085 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX034877.D

Acq: 31 Mar 2023 14:49

Instrument :

MSVOA_X

ClientSampleId :

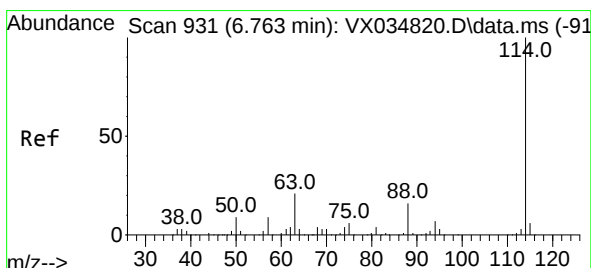
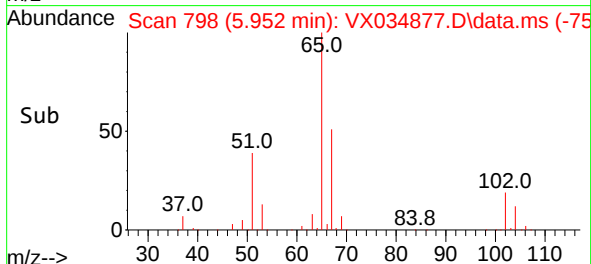
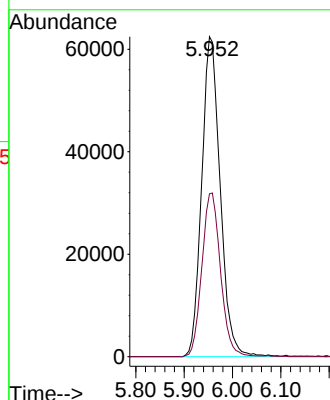
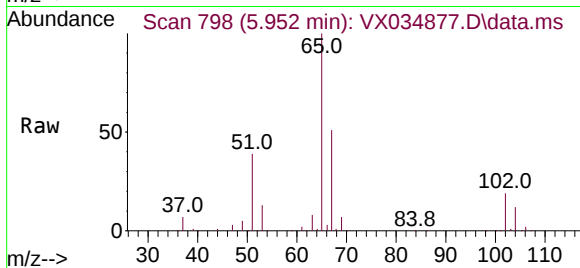
MW-1R

Tgt Ion: 65 Resp: 166180

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX034877.D

Acq: 31 Mar 2023 14:49

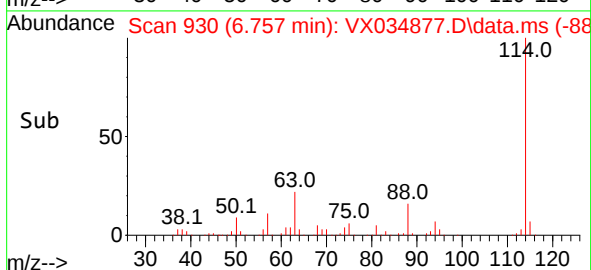
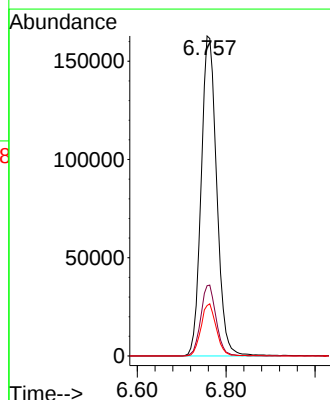
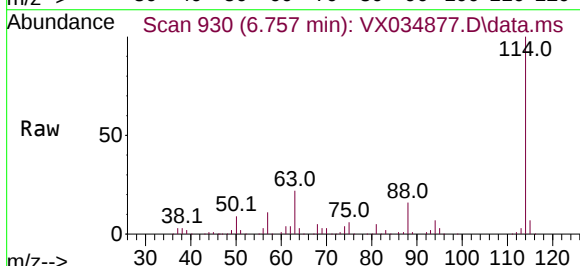
Tgt Ion: 114 Resp: 397217

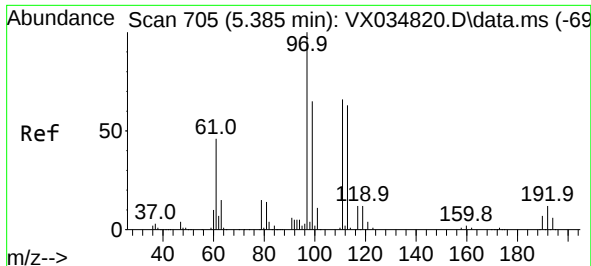
Ion Ratio Lower Upper

114 100

63 22.0 0.0 42.2

88 15.7 0.0 33.2

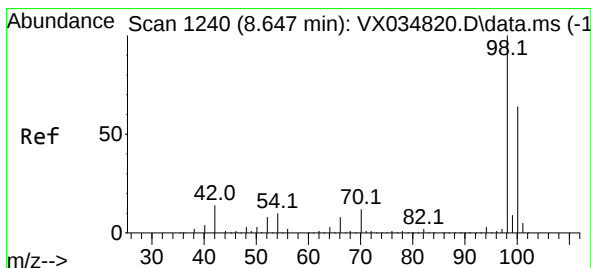
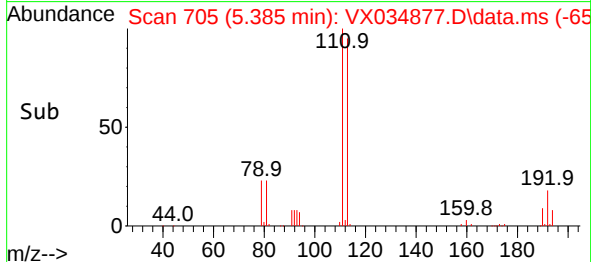
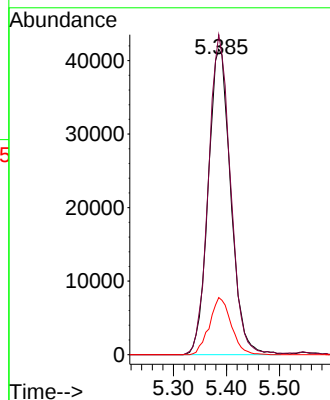
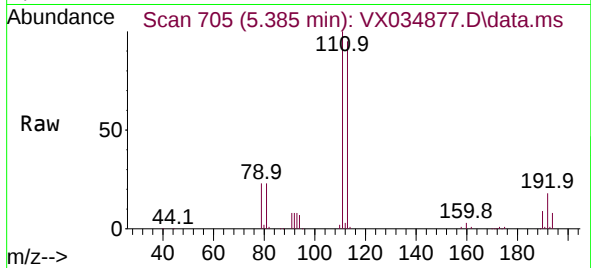




#35
Dibromofluoromethane
Concen: 46.688 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034877.D
Acq: 31 Mar 2023 14:49

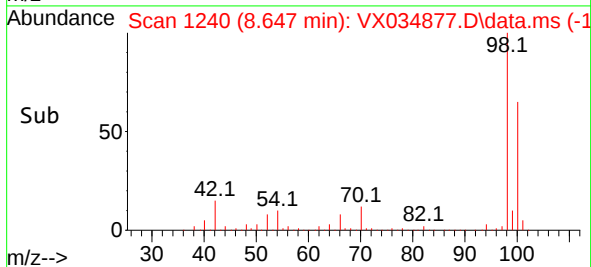
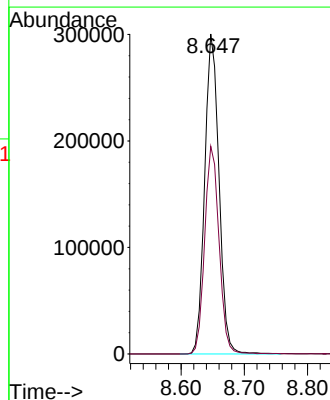
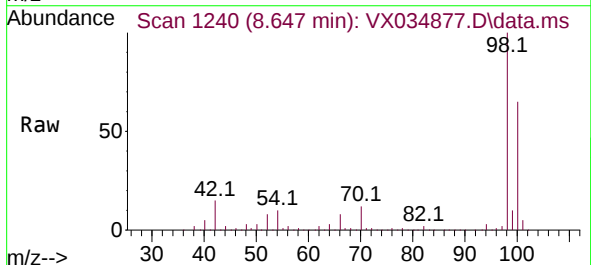
Instrument :
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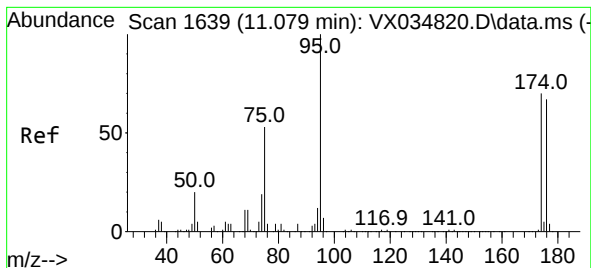
Tgt Ion:113 Resp: 122661
Ion Ratio Lower Upper
113 100
111 102.6 83.7 125.5
192 18.0 15.4 23.2



#50
Toluene-d8
Concen: 48.860 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034877.D
Acq: 31 Mar 2023 14:49

Tgt Ion: 98 Resp: 473811
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7

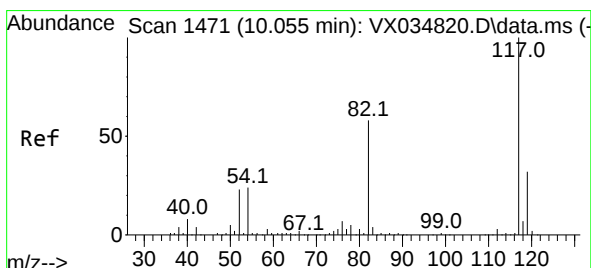
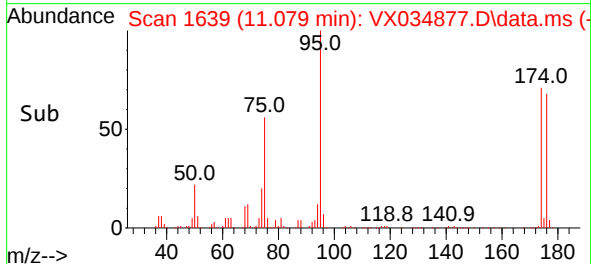
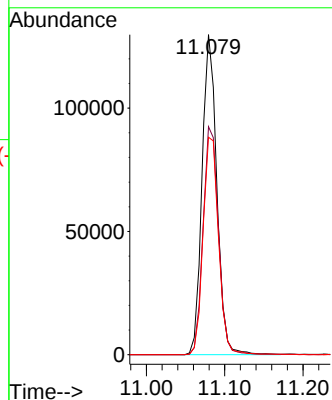
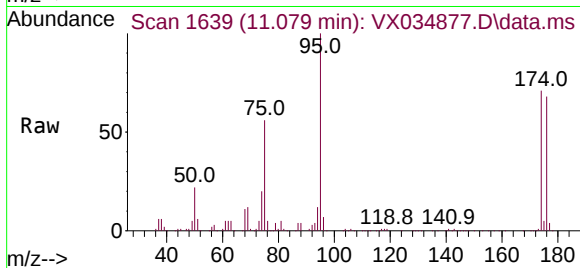




#62
4-Bromofluorobenzene
Concen: 45.283 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034877.D
Acq: 31 Mar 2023 14:49

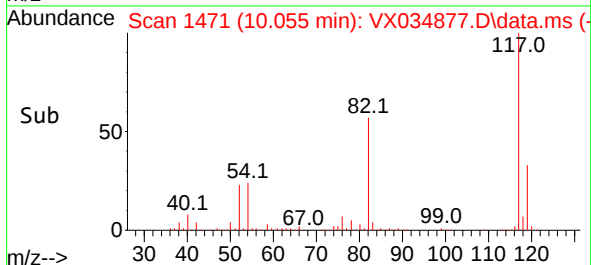
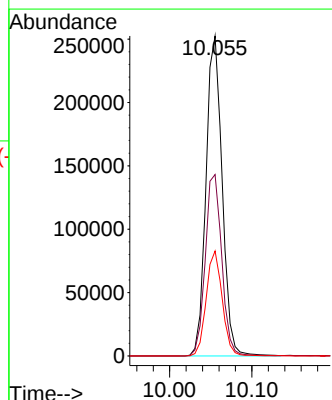
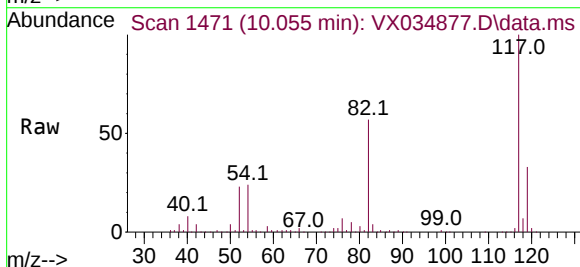
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

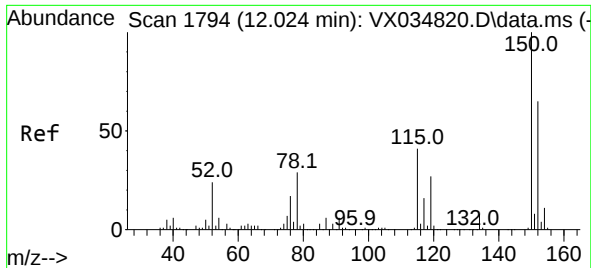
Tgt Ion: 95 Resp: 169933
Ion Ratio Lower Upper
95 100
174 74.3 0.0 147.4
176 71.5 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034877.D
Acq: 31 Mar 2023 14:49

Tgt Ion: 117 Resp: 344612
Ion Ratio Lower Upper
117 100
82 56.7 45.0 67.4
119 32.8 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034877.D

Acq: 31 Mar 2023 14:49

Instrument :

MSVOA_X

ClientSampleId :

MW-1R

Tgt Ion:152 Resp: 142799

Ion Ratio Lower Upper

152 100

115 61.1 45.0 135.0

150 157.7 0.0 352.4

