

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110821\
 Data File : VU045614.D
 Acq On : 08 Nov 2021 14:46
 Operator : SY/MD
 Sample : M4571-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-2

Quant Time: Nov 09 09:56:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

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

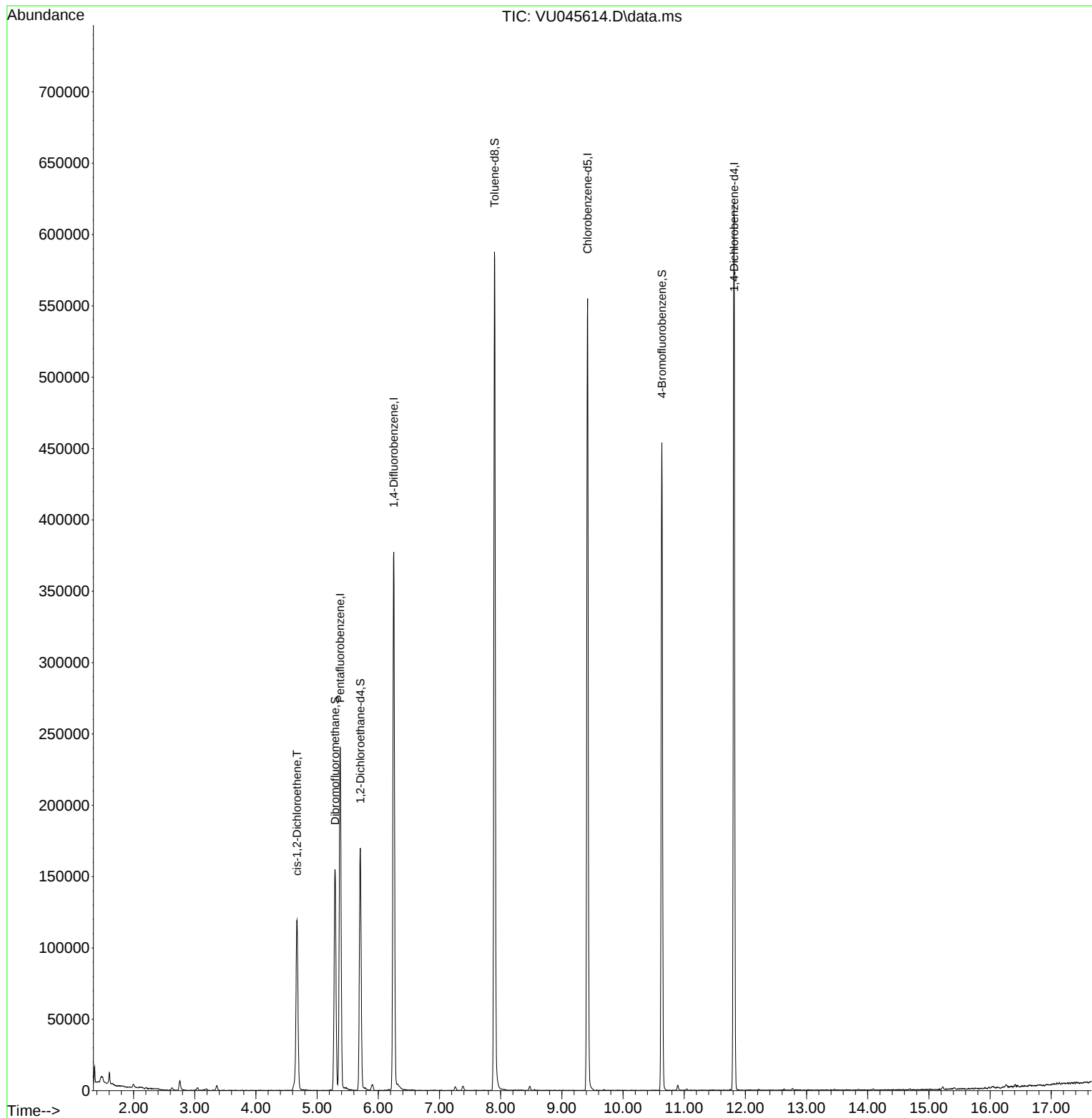
Internal Standards						
1) Pentafluorobenzene	5.375	168	161975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	306150	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	303687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	157354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	127937	52.741	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.480%
35) Dibromofluoromethane	5.292	113	99379	48.620	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.240%
50) Toluene-d8	7.899	98	393054	51.714	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.420%
62) 4-Bromofluorobenzene	10.636	95	154134	50.572	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.140%
Target Compounds						
27) cis-1,2-Dichloroethene	4.671	96	62035	28.490	ug/l	Qvalue 89

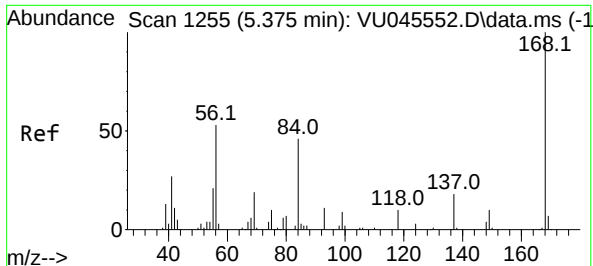
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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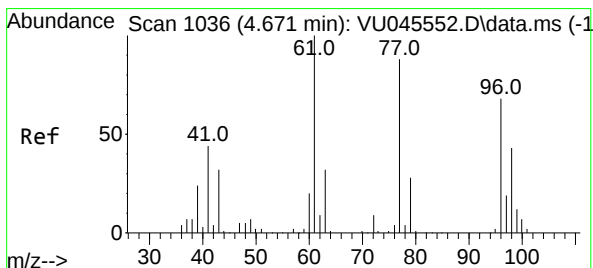
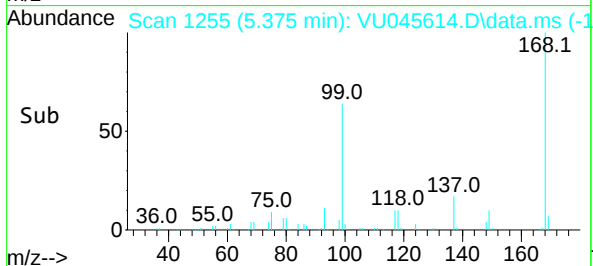
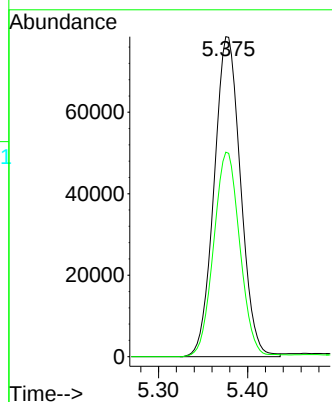
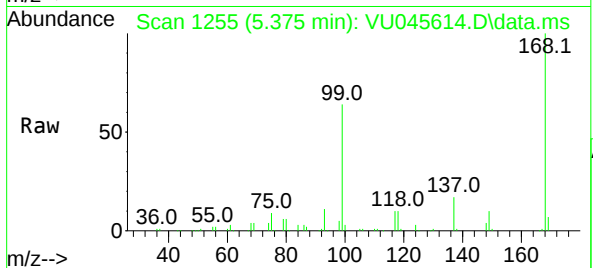




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045614.D
Acq: 08 Nov 2021 14:46

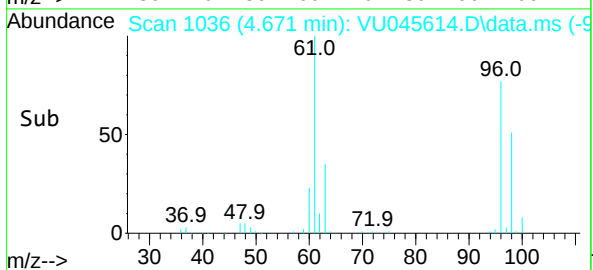
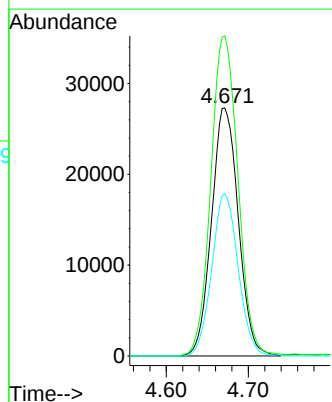
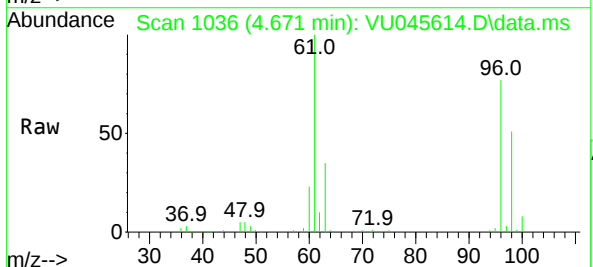
Instrument :
MSVOA_U
ClientSampleId :
MW-2

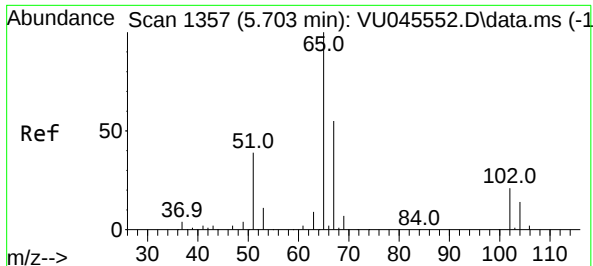
Tgt Ion:168 Resp: 161975
Ion Ratio Lower Upper
168 100
99 63.9 51.0 76.6



#27
cis-1,2-Dichloroethene
Concen: 28.490 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU045614.D
Acq: 08 Nov 2021 14:46

Tgt Ion: 96 Resp: 62035
Ion Ratio Lower Upper
96 100
61 130.5 0.0 299.2
98 64.4 0.0 127.6





#33

1,2-Dichloroethane-d4

Concen: 52.741 ug/l

RT: 5.707 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU045614.D

Acq: 08 Nov 2021 14:46

Instrument :

MSVOA_U

ClientSampleId :

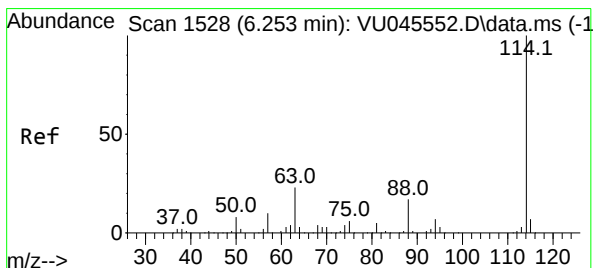
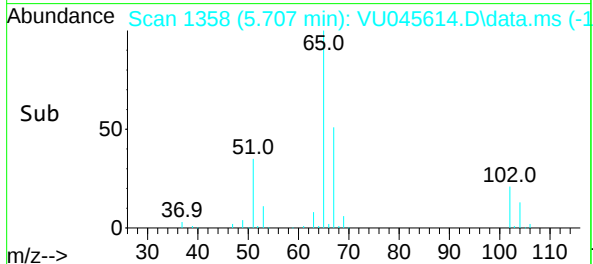
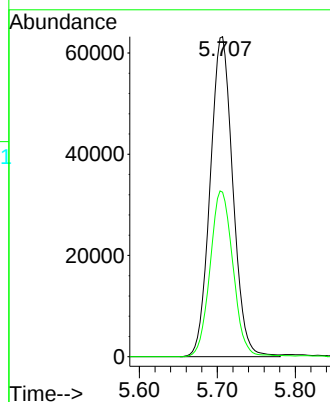
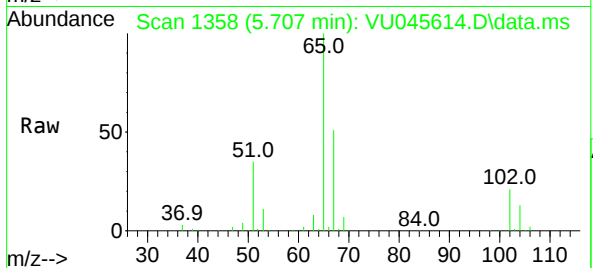
MW-2

Tgt Ion: 65 Resp: 127937

Ion Ratio Lower Upper

65 100

67 52.2 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU045614.D

Acq: 08 Nov 2021 14:46

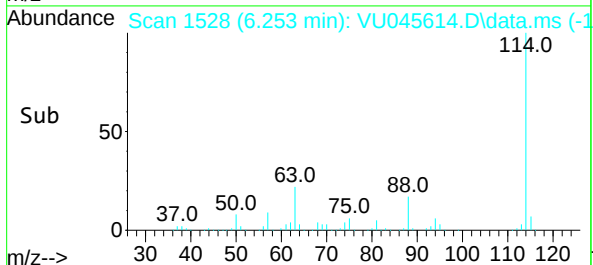
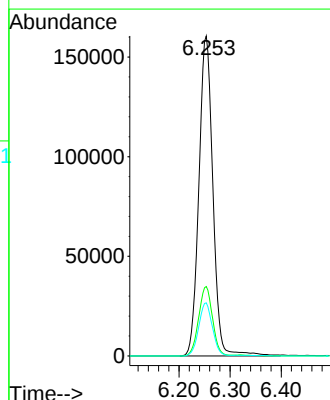
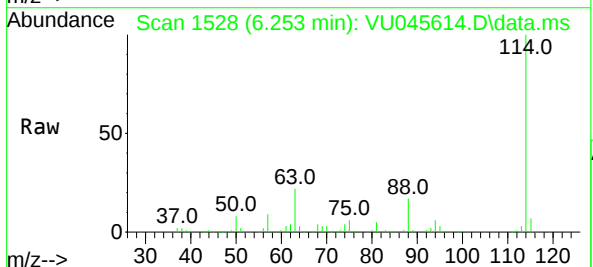
Tgt Ion: 114 Resp: 306150

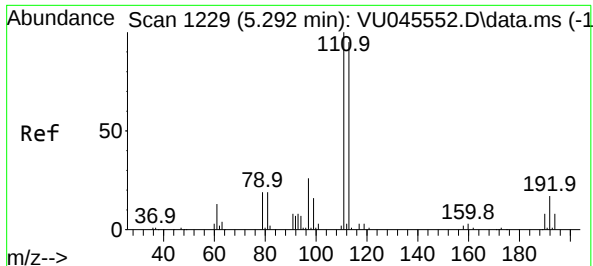
Ion Ratio Lower Upper

114 100

63 21.7 0.0 45.6

88 16.6 0.0 33.8





#35

Dibromofluoromethane

Concen: 48.620 ug/l

RT: 5.292 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045614.D

Acq: 08 Nov 2021 14:46

Instrument :

MSVOA_U

ClientSampleId :

MW-2

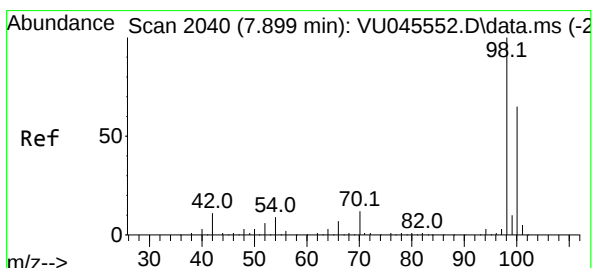
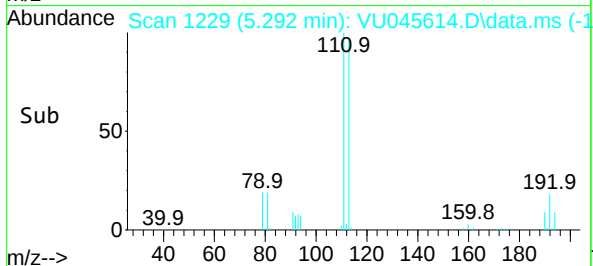
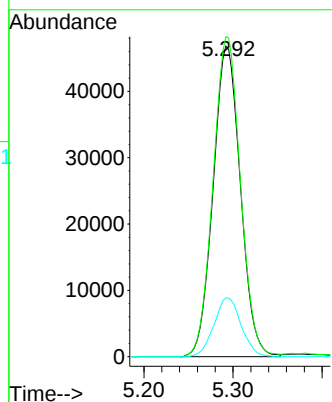
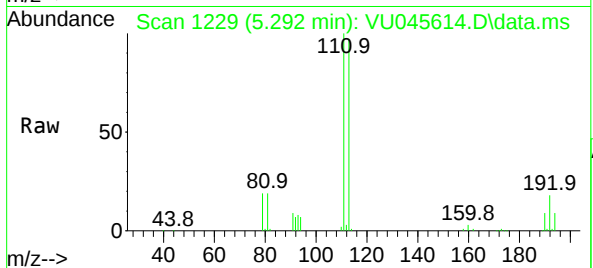
Tgt Ion:113 Resp: 99379

Ion Ratio Lower Upper

113 100

111 103.6 82.8 124.2

192 18.9 14.8 22.2



#50

Toluene-d8

Concen: 51.714 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VU045614.D

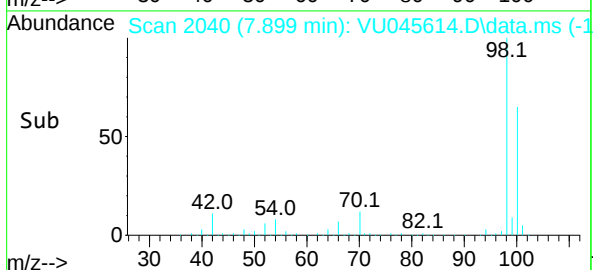
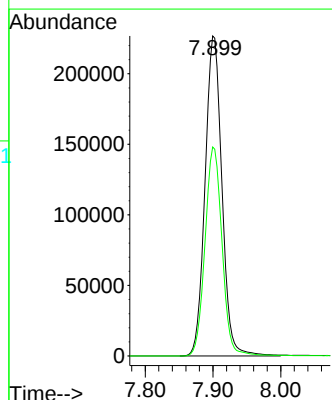
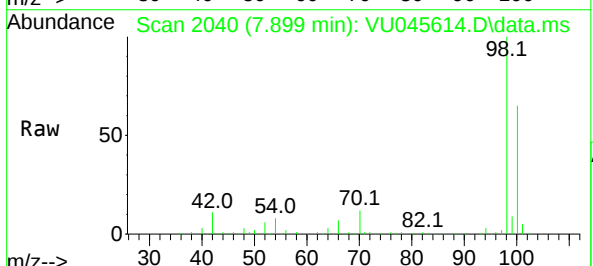
Acq: 08 Nov 2021 14:46

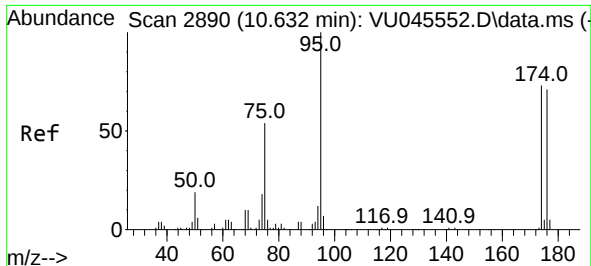
Tgt Ion: 98 Resp: 393054

Ion Ratio Lower Upper

98 100

100 65.8 52.5 78.7

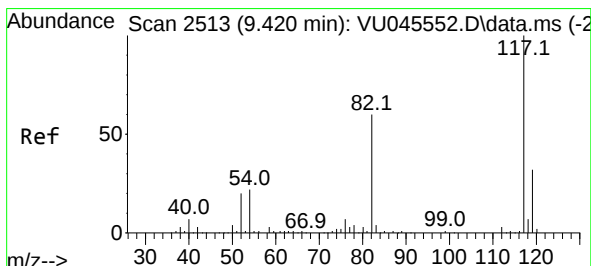
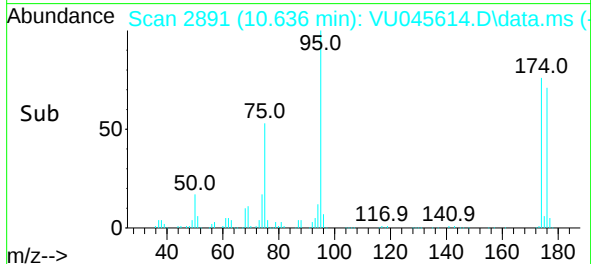
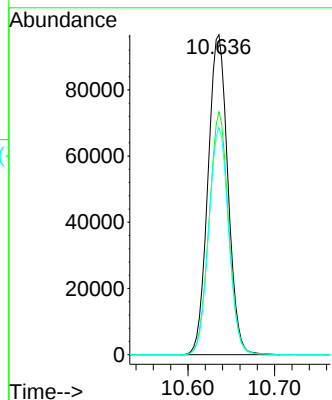
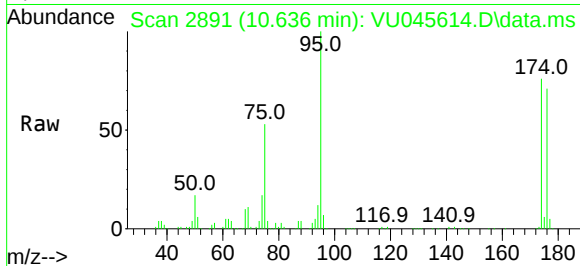




#62
4-Bromofluorobenzene
Concen: 50.572 ug/l
RT: 10.636 min Scan# 2890
Delta R.T. 0.003 min
Lab File: VU045614.D
Acq: 08 Nov 2021 14:46

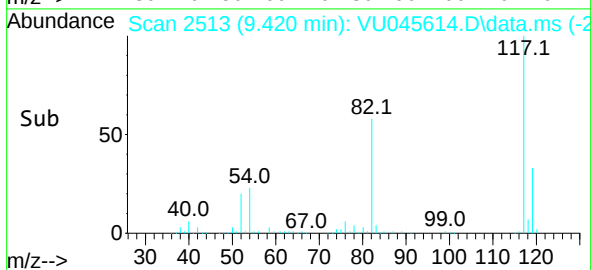
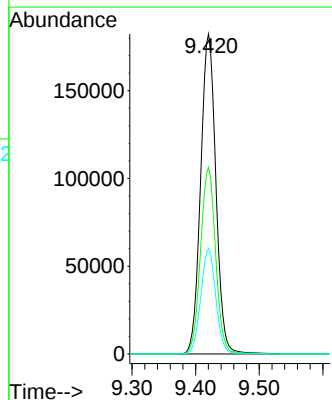
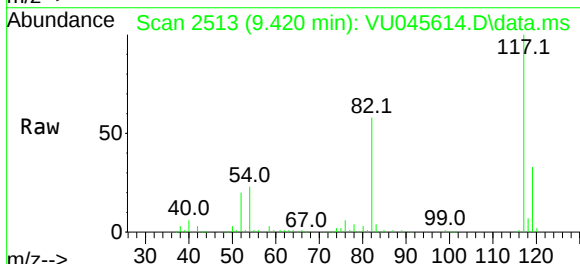
Instrument :
MSVOA_U
ClientSampleId :
MW-2

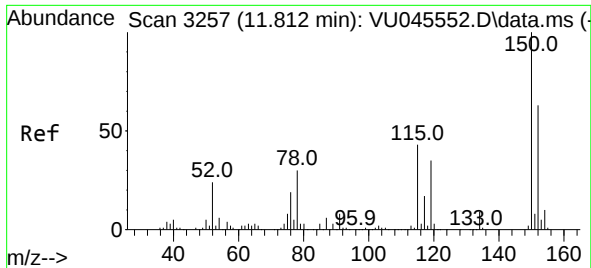
Tgt Ion: 95 Resp: 154134
Ion Ratio Lower Upper
95 100
174 74.4 0.0 141.8
176 71.0 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045614.D
Acq: 08 Nov 2021 14:46

Tgt Ion: 117 Resp: 303687
Ion Ratio Lower Upper
117 100
82 58.3 47.8 71.8
119 32.9 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.816 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU045614.D

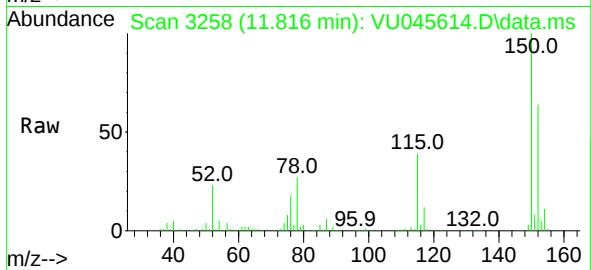
Acq: 08 Nov 2021 14:46

Instrument :

MSVOA_U

ClientSampleId :

MW-2



Tgt Ion:152 Resp: 157354

Ion Ratio Lower Upper

152 100

115 61.0 42.7 128.1

150 156.4 0.0 346.8

