

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110221\
 Data File : VU045502.D
 Acq On : 01 Nov 2021 21:12
 Operator : SY/MD
 Sample : M4431-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW9-GW-458-460

Quant Time: Nov 02 07:37:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 29 11:09:42 2021
 Response via : Initial Calibration

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

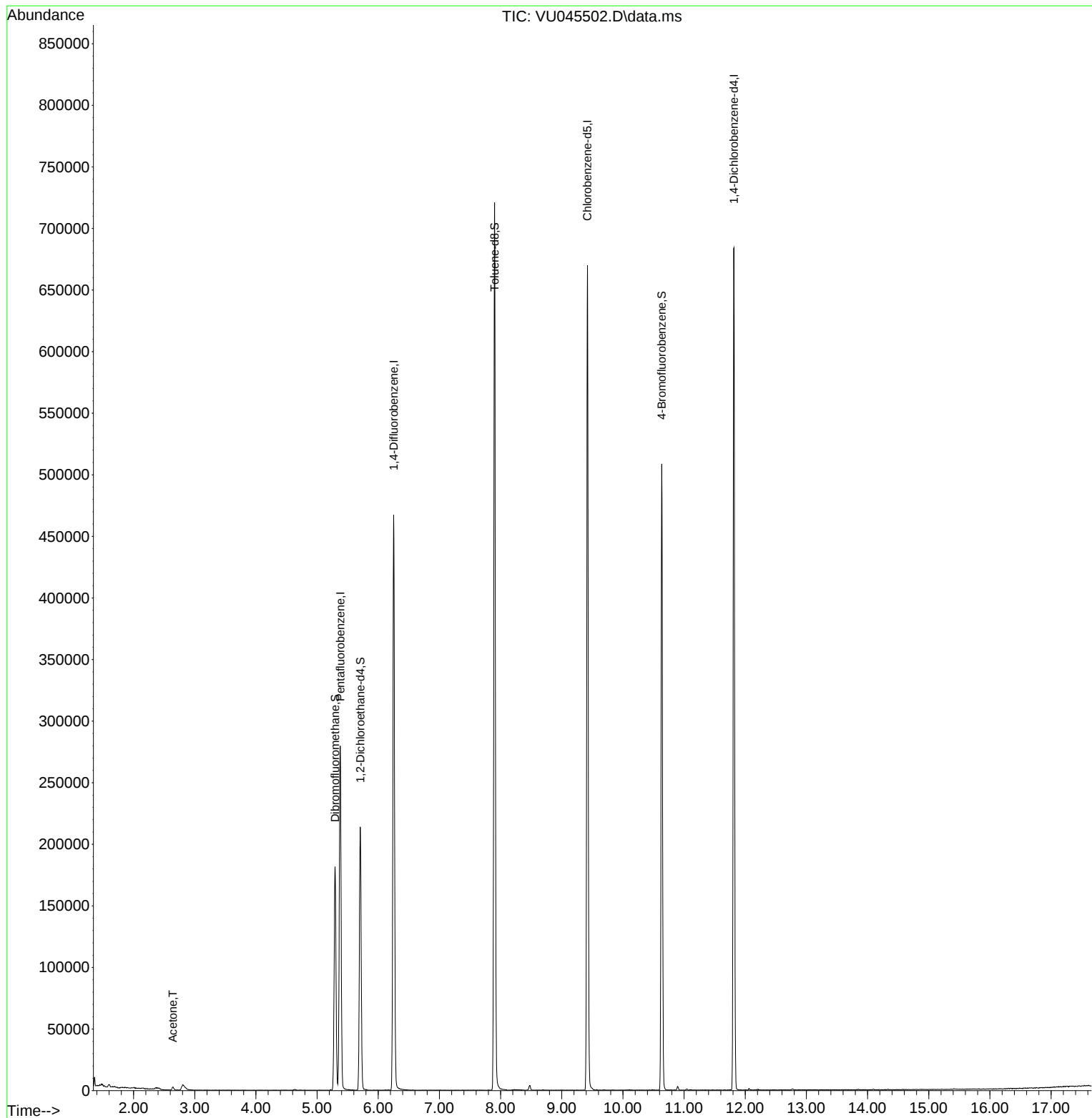
Internal Standards						
1) Pentafluorobenzene	5.378	168	186787	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	371614	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	362230	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	169201	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	158851	52.237	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	104.480%	
35) Dibromofluoromethane	5.295	113	119631	50.629	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	101.260%	
50) Toluene-d8	7.902	98	474189	51.176	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	102.360%	
62) 4-Bromofluorobenzene	10.635	95	176307	49.933	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	99.860%	
Target Compounds						
16) Acetone	2.642	43	3631	2.630	ug/l	Qvalue 93

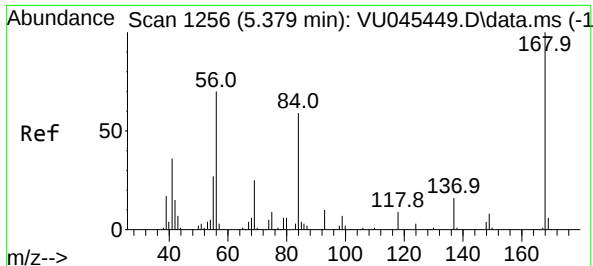
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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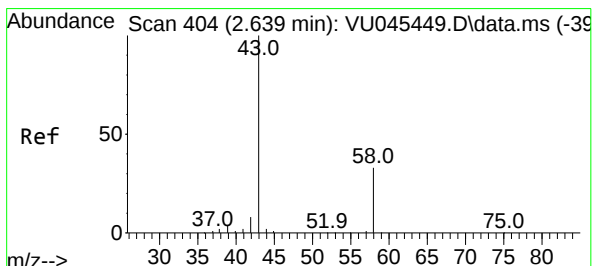
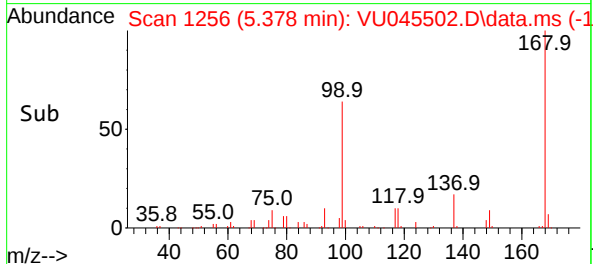
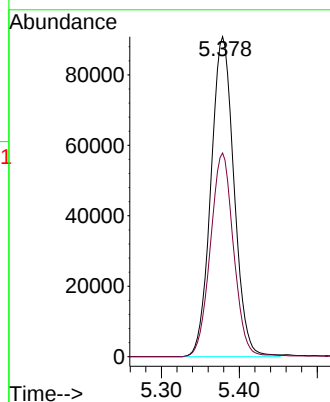
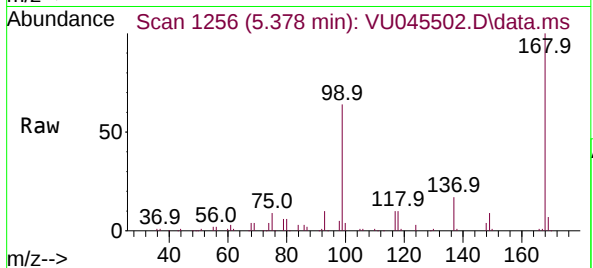




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. -0.001 min
Lab File: VU045502.D
Acq: 01 Nov 2021 21:12

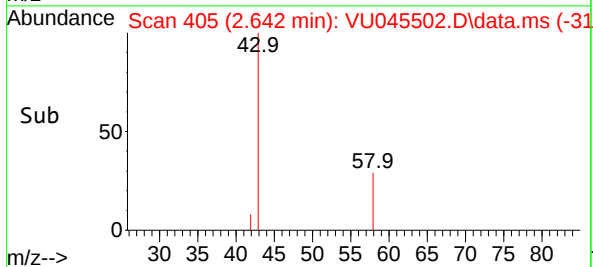
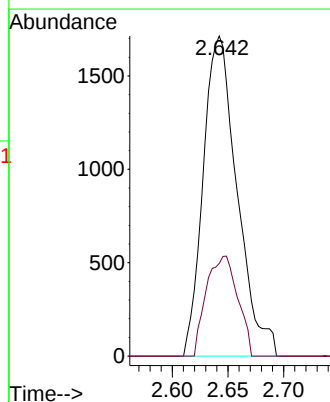
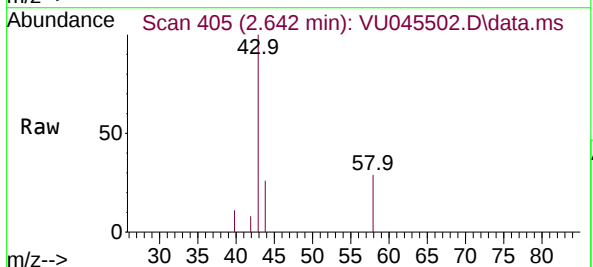
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-458-460

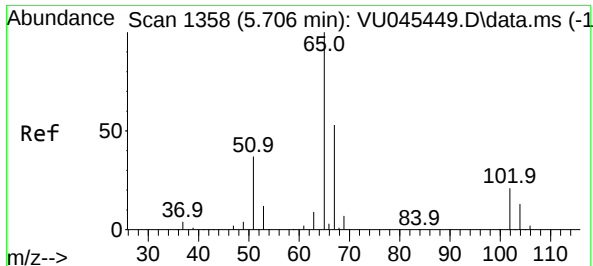
Tgt Ion:168 Resp: 186787
Ion Ratio Lower Upper
168 100
99 63.6 51.0 76.6



#16
Acetone
Concen: 2.630 ug/l
RT: 2.642 min Scan# 405
Delta R.T. 0.003 min
Lab File: VU045502.D
Acq: 01 Nov 2021 21:12

Tgt Ion: 43 Resp: 3631
Ion Ratio Lower Upper
43 100
58 28.9 26.2 39.2





#33

1,2-Dichloroethane-d4

Concen: 52.237 ug/l

RT: 5.706 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU045502.D

Acq: 01 Nov 2021 21:12

Instrument :

MSVOA_U

ClientSampleId :

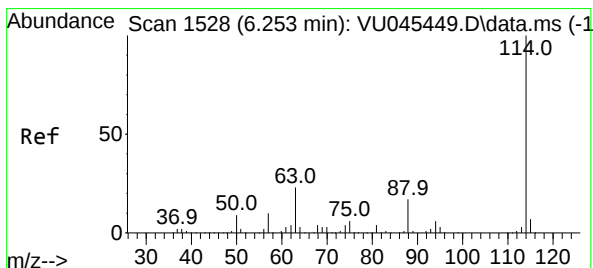
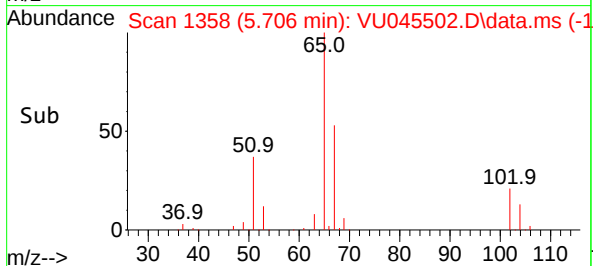
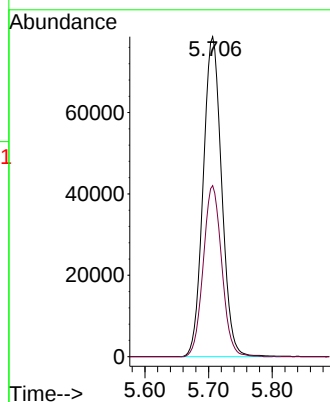
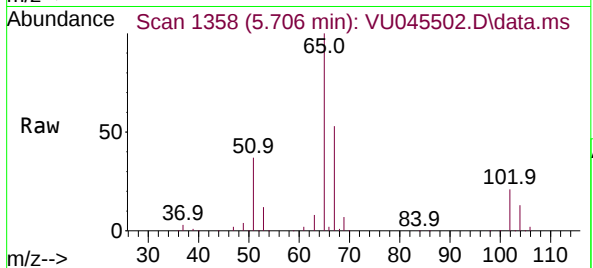
BP-VPB-RW9-GW-458-460

Tgt Ion: 65 Resp: 158851

Ion Ratio Lower Upper

65 100

67 53.4 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: VU045502.D

Acq: 01 Nov 2021 21:12

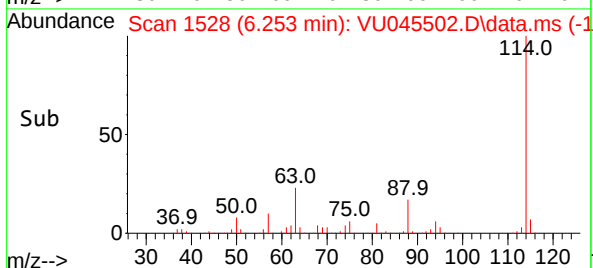
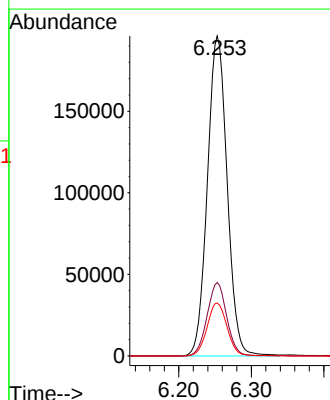
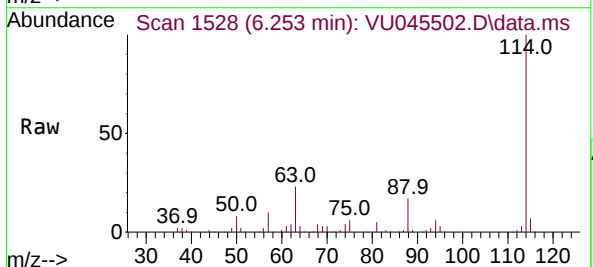
Tgt Ion: 114 Resp: 371614

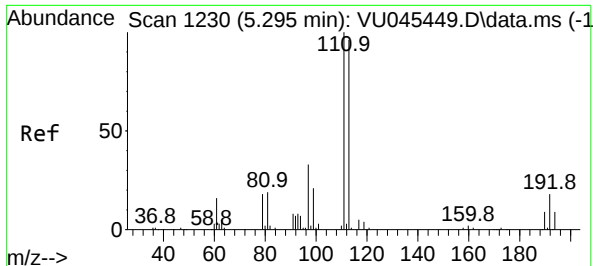
Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.6

88 16.6 0.0 33.8

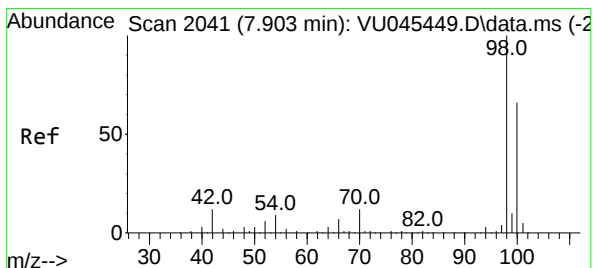
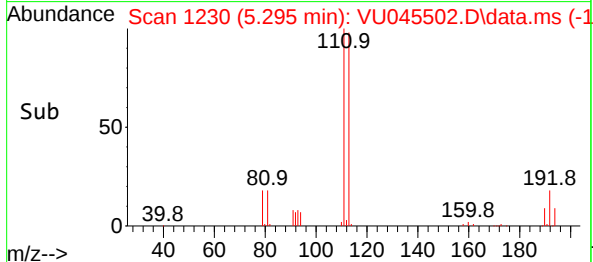
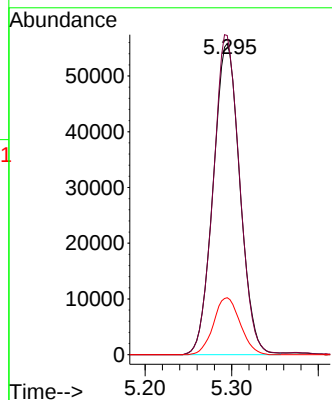
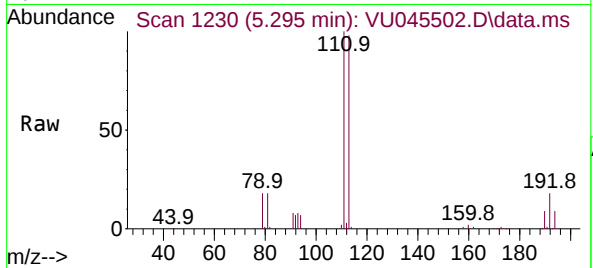




#35
Dibromofluoromethane
Concen: 50.629 ug/l
RT: 5.295 min Scan# 119631
Delta R.T. -0.000 min
Lab File: VU045502.D
Acq: 01 Nov 2021 21:12

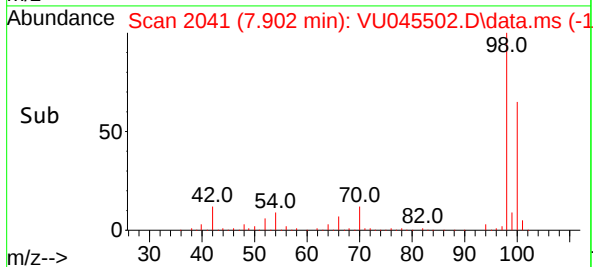
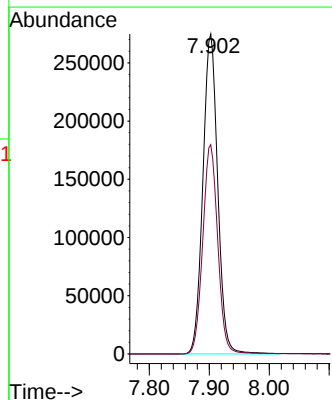
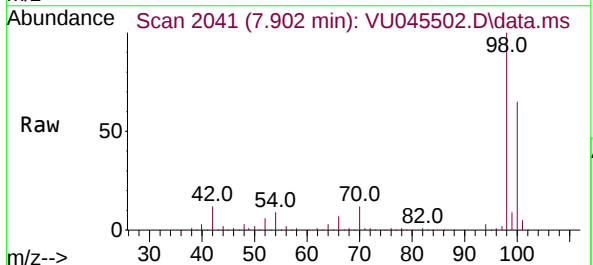
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-458-460

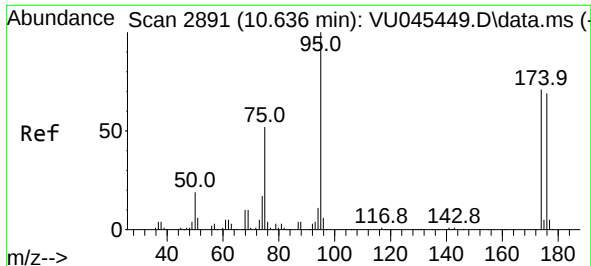
Tgt Ion:113 Resp: 119631
Ion Ratio Lower Upper
113 100
111 101.2 82.8 124.2
192 18.3 14.8 22.2



#50
Toluene-d8
Concen: 51.176 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VU045502.D
Acq: 01 Nov 2021 21:12

Tgt Ion: 98 Resp: 474189
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 49.933 ug/l

RT: 10.635 min Scan# 2891

Delta R.T. -0.000 min

Lab File: VU045502.D

Acq: 01 Nov 2021 21:12

Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW9-GW-458-460

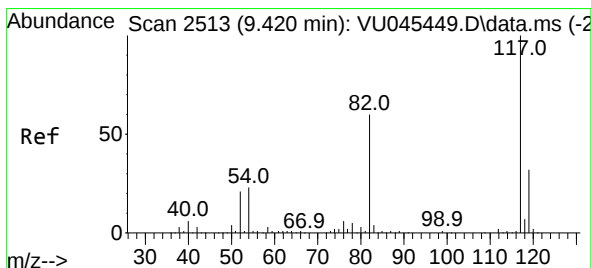
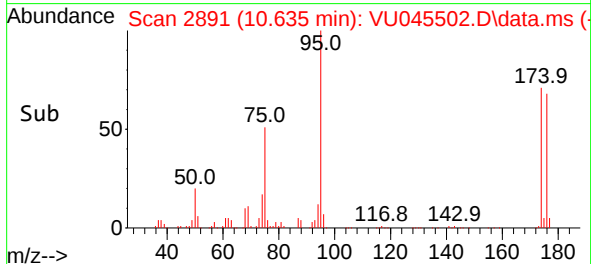
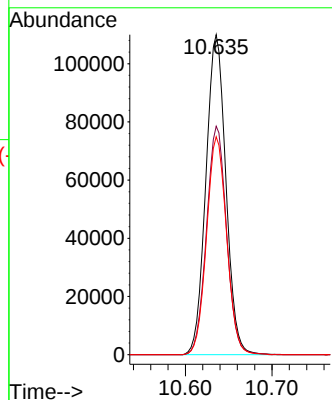
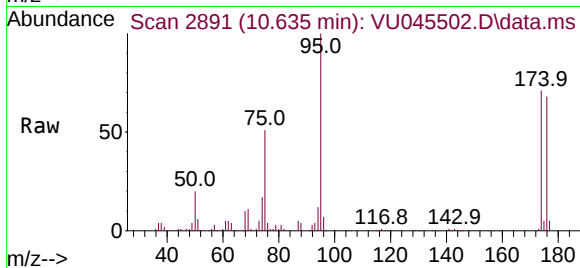
Tgt Ion: 95 Resp: 176307

Ion Ratio Lower Upper

95 100

174 71.5 0.0 141.8

176 68.3 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: VU045502.D

Acq: 01 Nov 2021 21:12

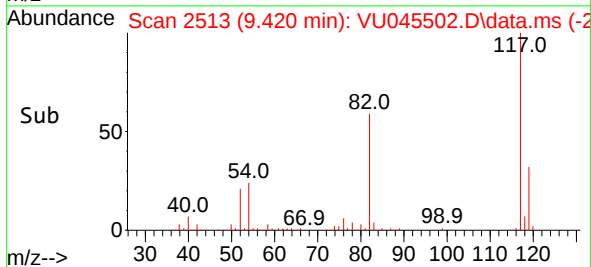
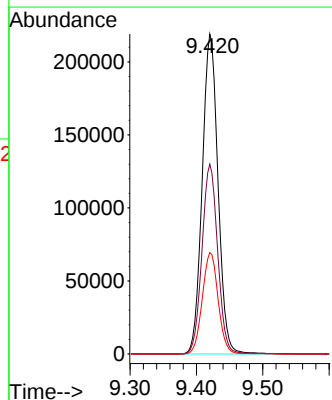
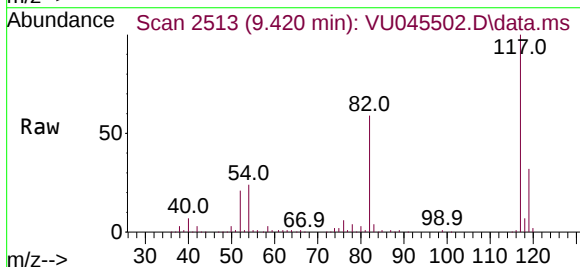
Tgt Ion: 117 Resp: 362230

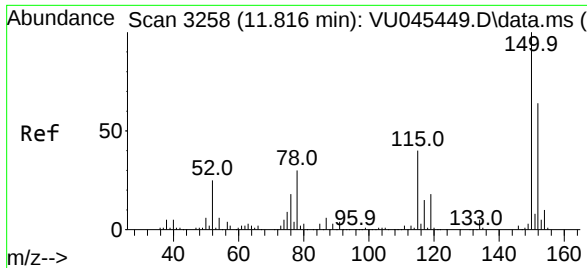
Ion Ratio Lower Upper

117 100

82 59.3 47.8 71.8

119 31.7 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.815 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU045502.D

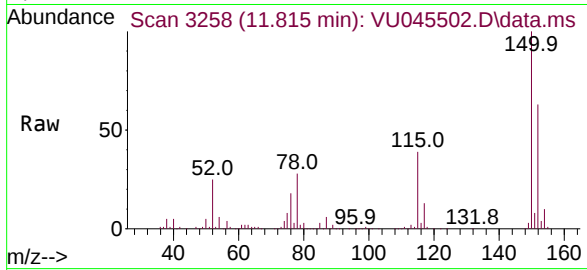
Acq: 01 Nov 2021 21:12

Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW9-GW-458-460



Tgt Ion:152 Resp: 169201

Ion Ratio Lower Upper

152 100

115 62.1 42.7 128.1

150 157.7 0.0 346.8

