

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110921\
 Data File : VU045661.D
 Acq On : 09 Nov 2021 16:18
 Operator : SY/MD
 Sample : M4490-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Nov 10 02:00:16 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	138558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	258913	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	264574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	131926	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	113371	54.635	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	109.260%
35) Dibromofluoromethane	5.292	113	88741	51.336	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.680%
50) Toluene-d8	7.899	98	340846	53.026	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	106.060%
62) 4-Bromofluorobenzene	10.635	95	131381	50.971	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.940%

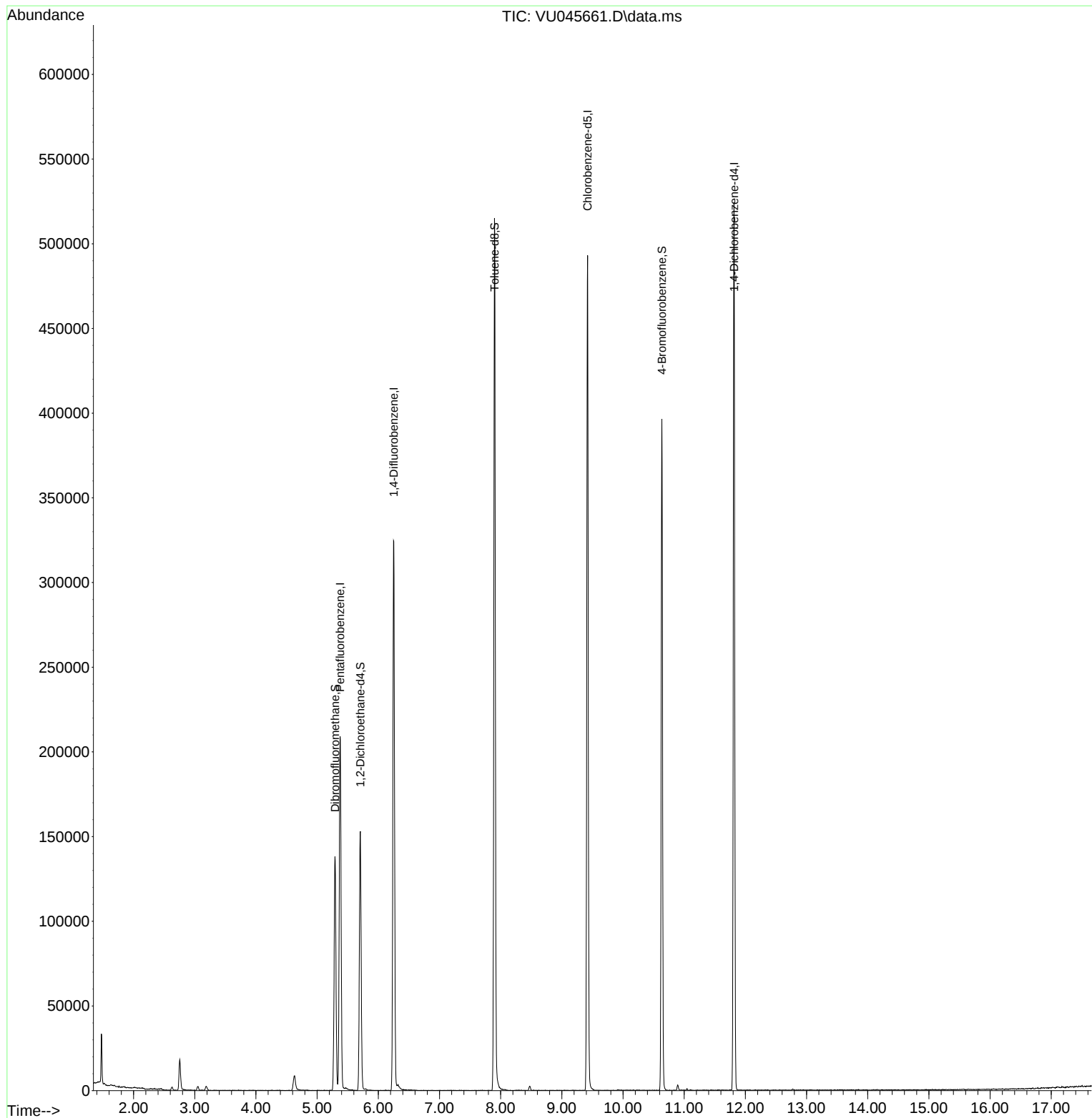
Target Compounds	Qvalue

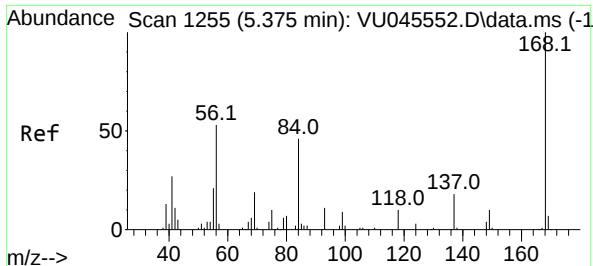
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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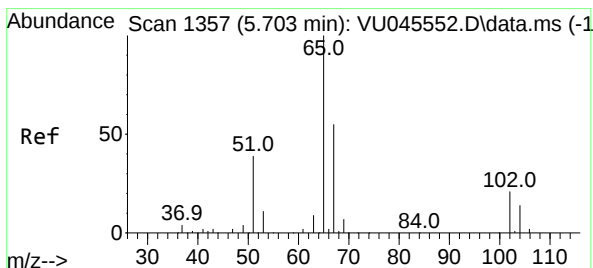
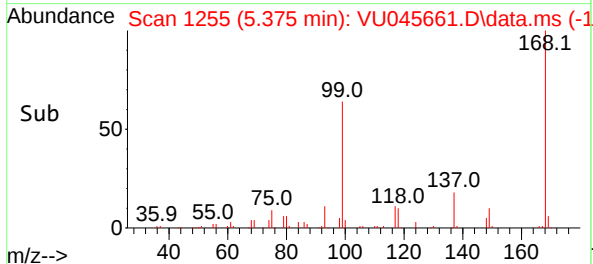
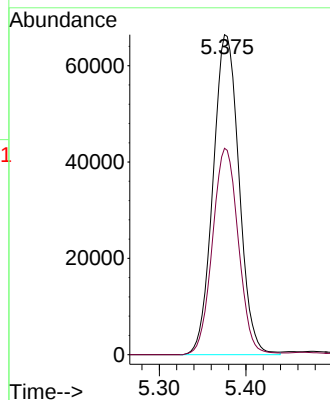
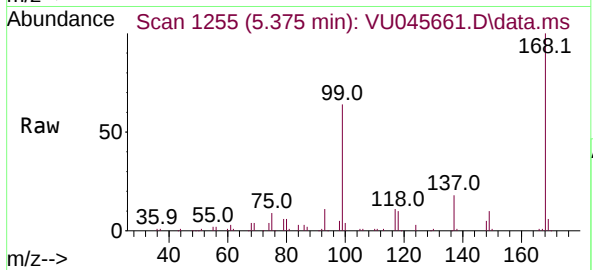




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045661.D
Acq: 09 Nov 2021 16:18

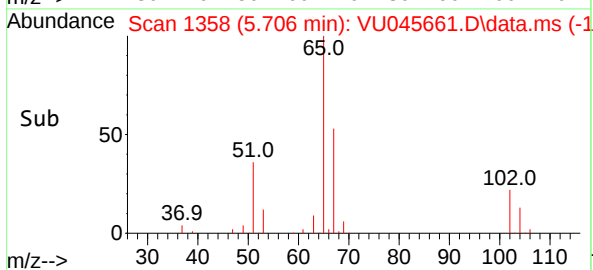
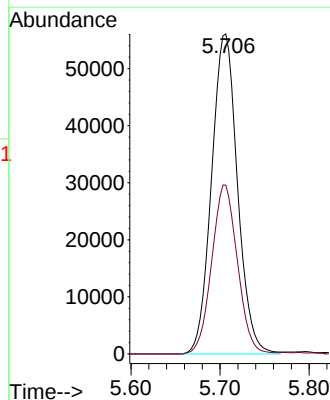
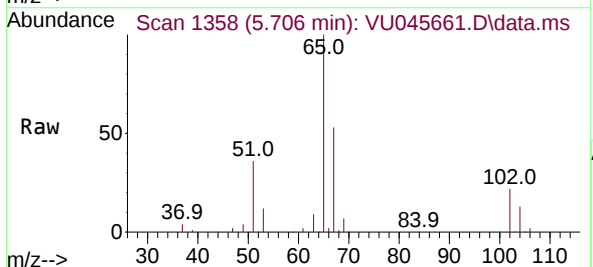
Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

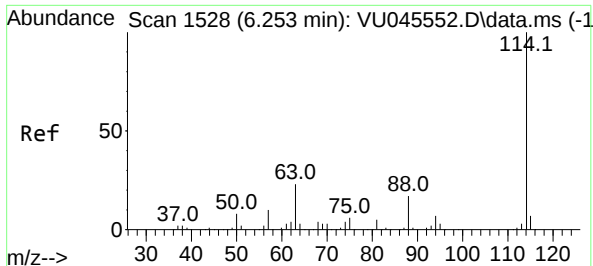
Tgt Ion:168 Resp: 138558
Ion Ratio Lower Upper
168 100
99 64.5 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 54.635 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. 0.003 min
Lab File: VU045661.D
Acq: 09 Nov 2021 16:18

Tgt Ion: 65 Resp: 113371
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU045661.D

Acq: 09 Nov 2021 16:18

Instrument :

MSVOA_U

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

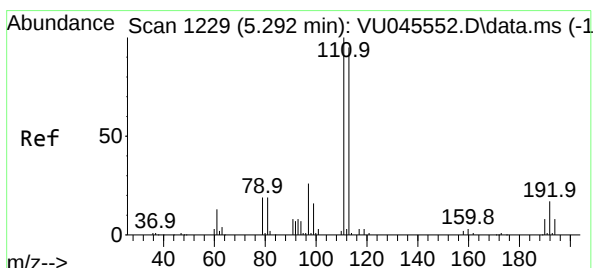
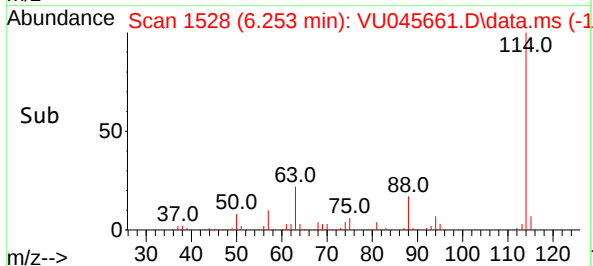
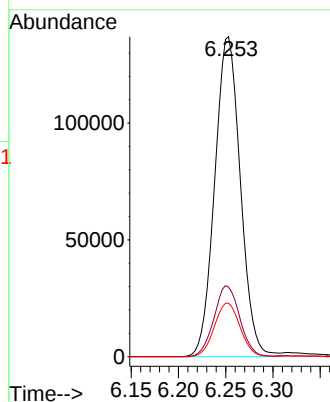
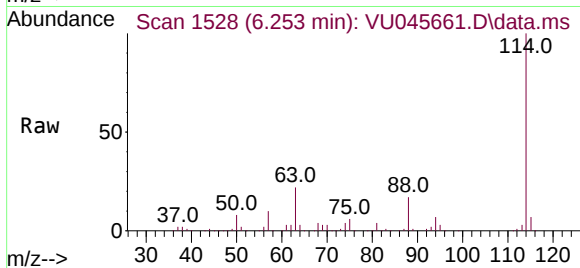
Tgt Ion:114 Resp: 258913

Ion Ratio Lower Upper

114 100

63 21.8 0.0 45.6

88 16.7 0.0 33.8



#35

Dibromofluoromethane

Concen: 51.336 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VU045661.D

Acq: 09 Nov 2021 16:18

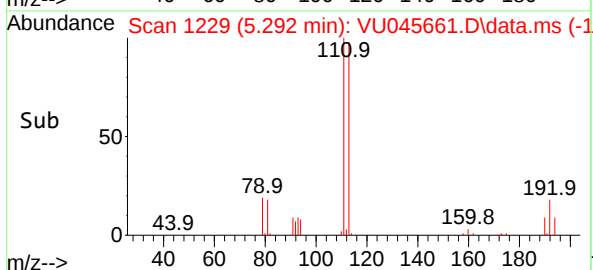
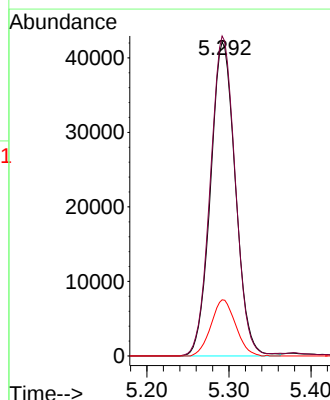
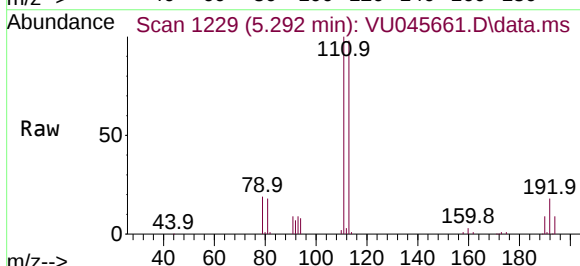
Tgt Ion:113 Resp: 88741

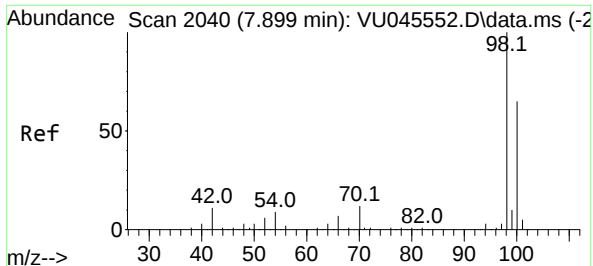
Ion Ratio Lower Upper

113 100

111 102.1 82.8 124.2

192 17.8 14.8 22.2

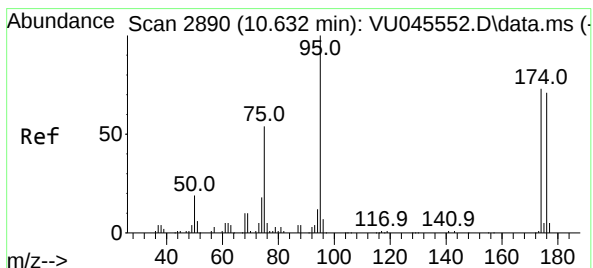
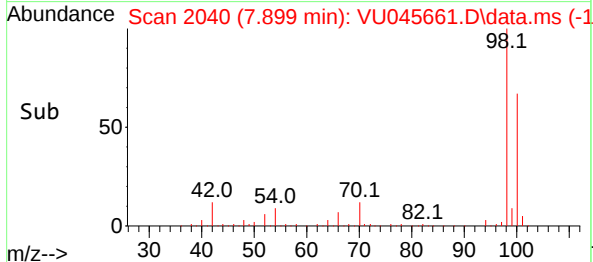
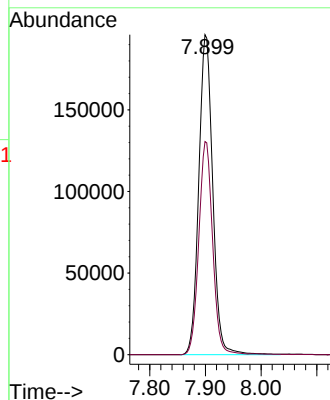
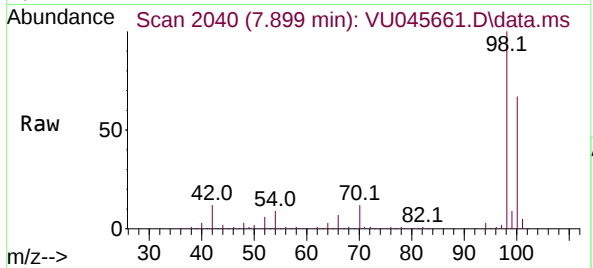




#50
Toluene-d8
Concen: 53.026 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU045661.D
Acq: 09 Nov 2021 16:18

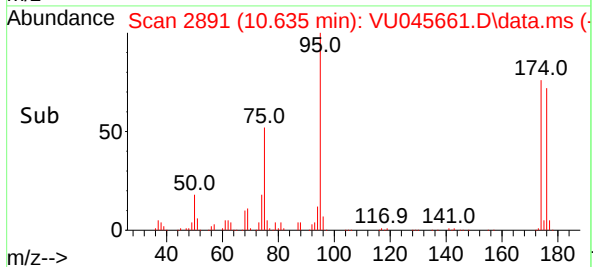
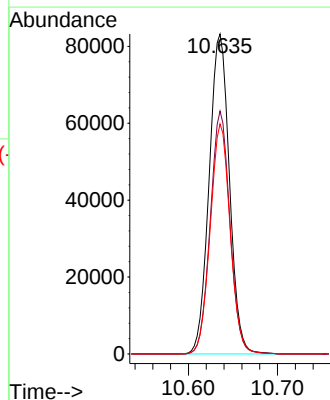
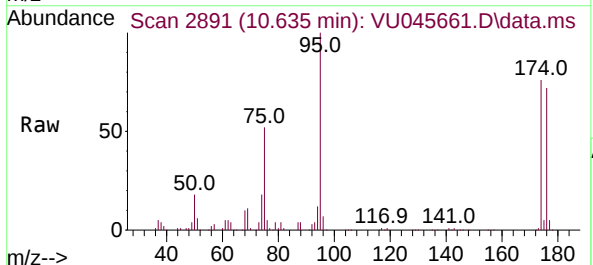
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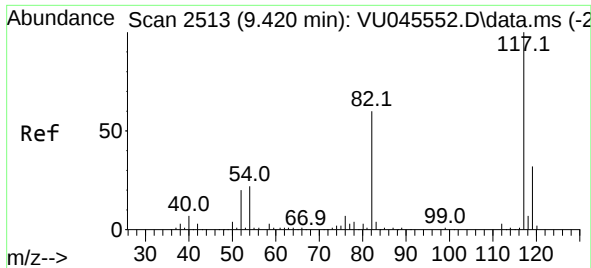
Tgt Ion: 98 Resp: 340846
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 50.971 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045661.D
Acq: 09 Nov 2021 16:18

Tgt Ion: 95 Resp: 131381
Ion Ratio Lower Upper
95 100
174 73.7 0.0 141.8
176 70.5 0.0 138.2

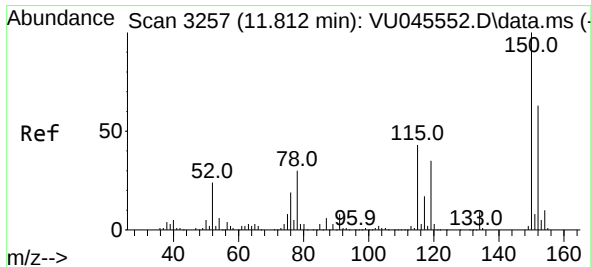
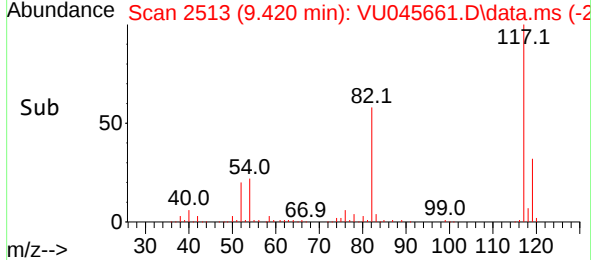
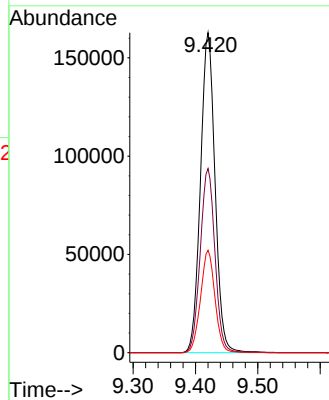
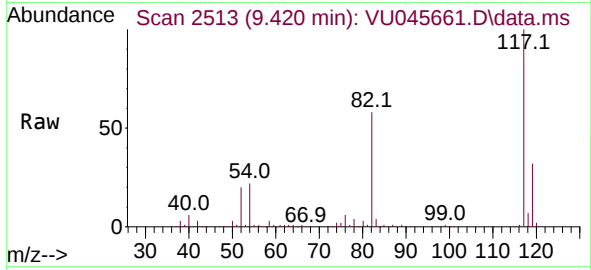




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045661.D
Acq: 09 Nov 2021 16:18

Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion:	117	Resp:	264574
Ion	Ratio	Lower	Upper
117	100		
82	57.6	47.8	71.8
119	32.0	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 3258
Delta R.T. 0.003 min
Lab File: VU045661.D
Acq: 09 Nov 2021 16:18

Tgt Ion:	152	Resp:	131926
Ion	Ratio	Lower	Upper
152	100		
115	63.0	42.7	128.1
150	157.2	0.0	346.8

