

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110821\
 Data File : VU045611.D
 Acq On : 08 Nov 2021 13:37
 Operator : SY/MD
 Sample : M4578-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FB

Quant Time: Nov 09 09:55:32 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	5.378	168	162679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	300363	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	305652	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	157605	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	126855	52.069	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.140%
35) Dibromofluoromethane	5.292	113	100575	50.153	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.300%
50) Toluene-d8	7.899	98	393547	52.776	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.560%
62) 4-Bromofluorobenzene	10.635	95	153698	51.401	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.800%

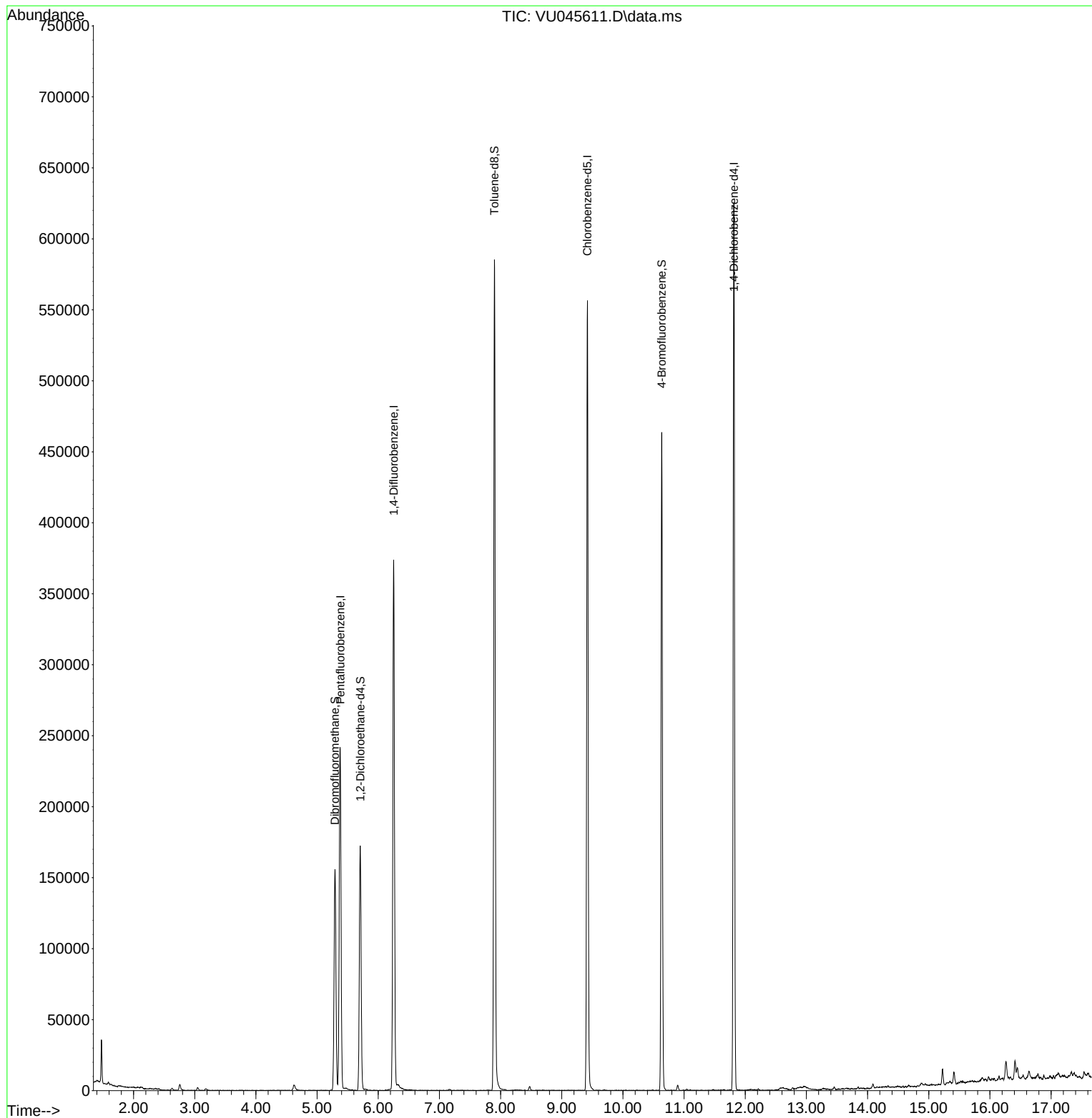
Target Compounds	Qvalue

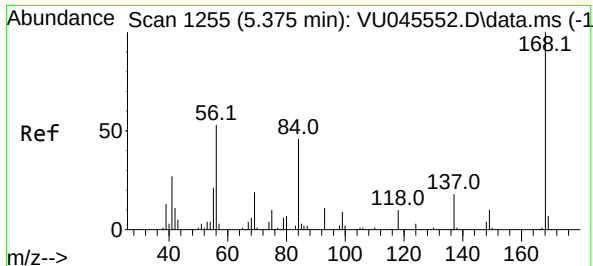
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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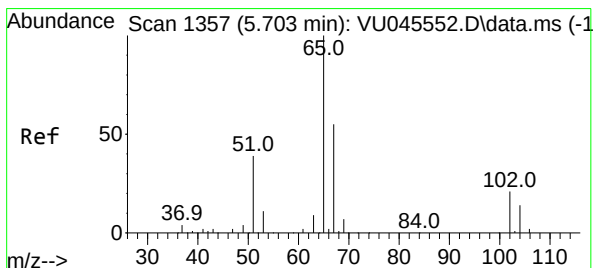
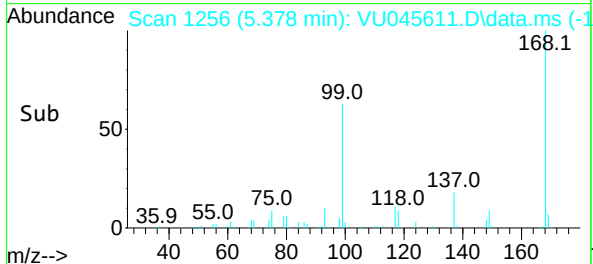
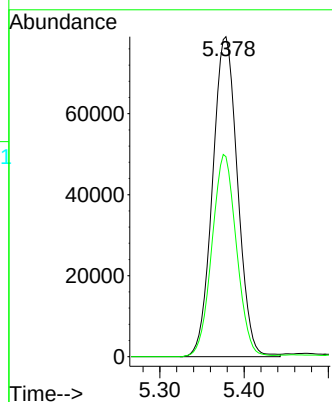
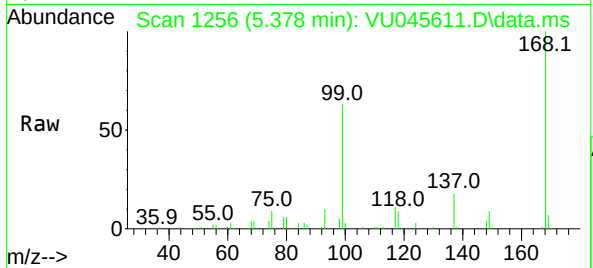




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045611.D
Acq: 08 Nov 2021 13:37

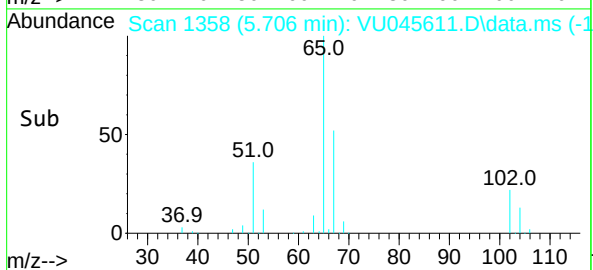
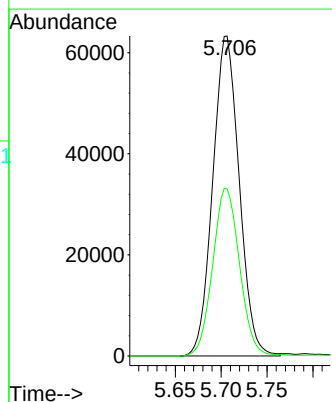
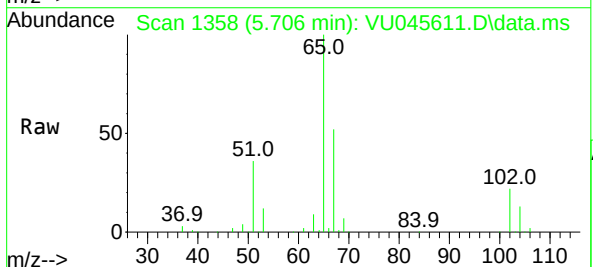
Instrument :
MSVOA_U
ClientSampleId :
FB

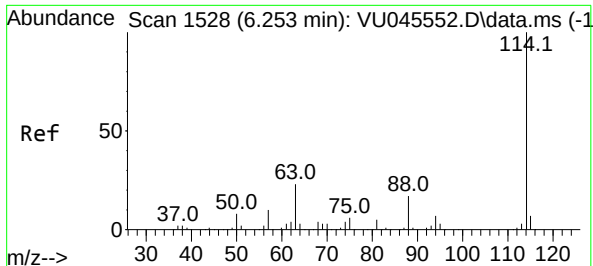
Tgt Ion:168 Resp: 162679
Ion Ratio Lower Upper
168 100
99 62.5 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 52.069 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. 0.003 min
Lab File: VU045611.D
Acq: 08 Nov 2021 13:37

Tgt Ion: 65 Resp: 126855
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# 11

Delta R.T. 0.000 min

Lab File: VU045611.D

Acq: 08 Nov 2021 13:37

Instrument :

MSVOA_U

ClientSampleId :

FB

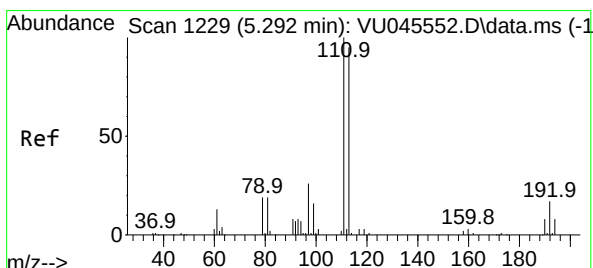
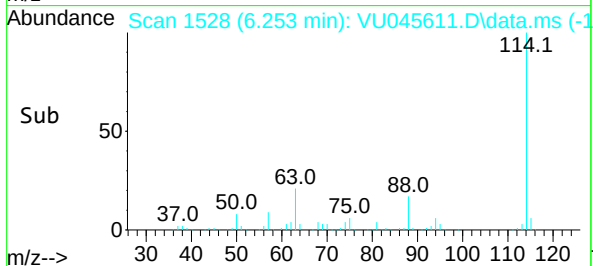
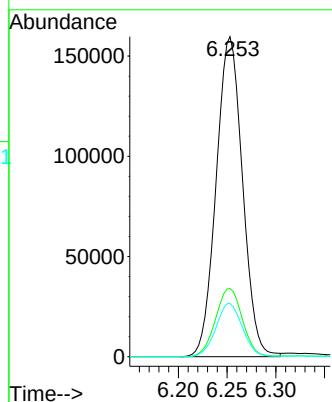
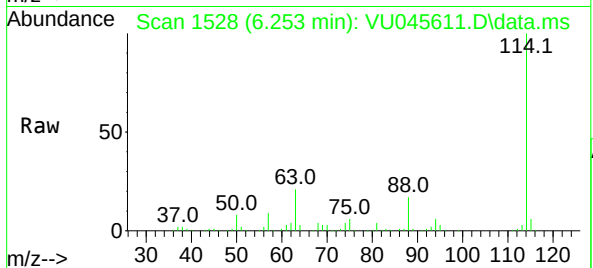
Tgt Ion:114 Resp: 300363

Ion Ratio Lower Upper

114 100

63 21.3 0.0 45.6

88 16.6 0.0 33.8



#35

Dibromofluoromethane

Concen: 50.153 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VU045611.D

Acq: 08 Nov 2021 13:37

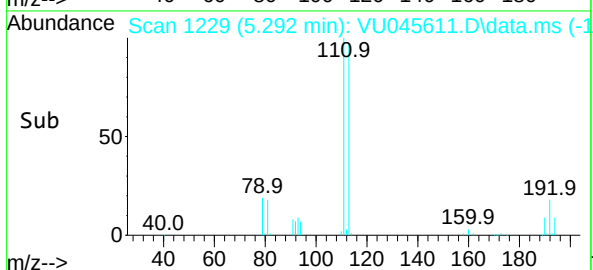
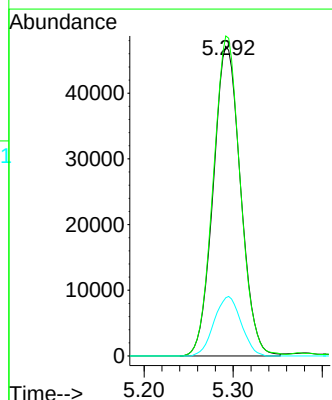
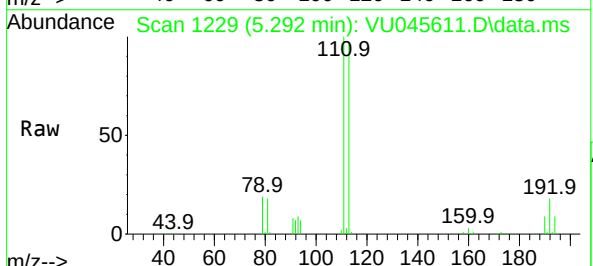
Tgt Ion:113 Resp: 100575

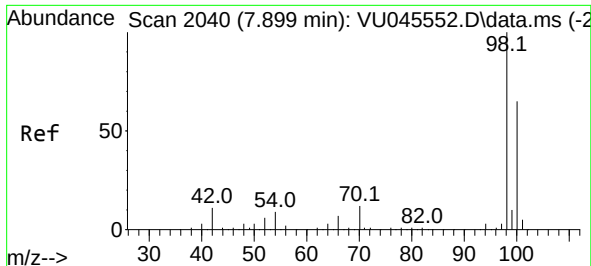
Ion Ratio Lower Upper

113 100

111 102.1 82.8 124.2

192 19.0 14.8 22.2

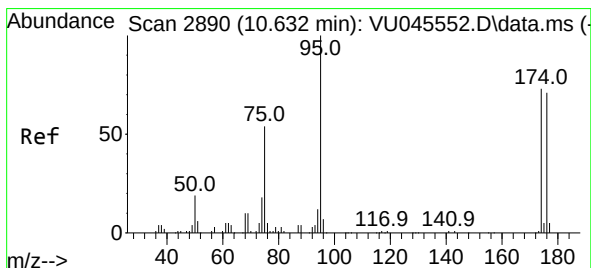
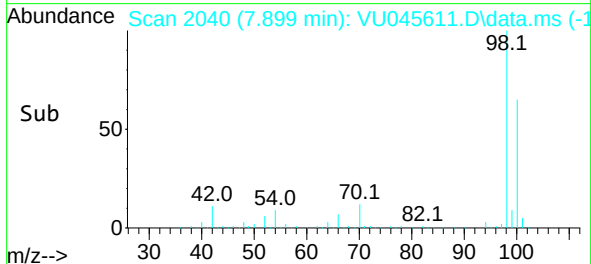
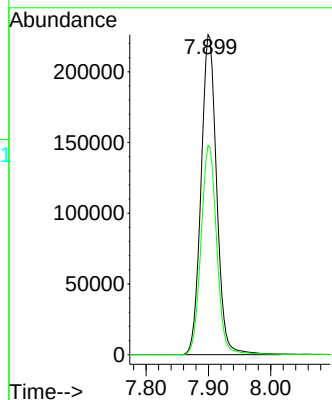
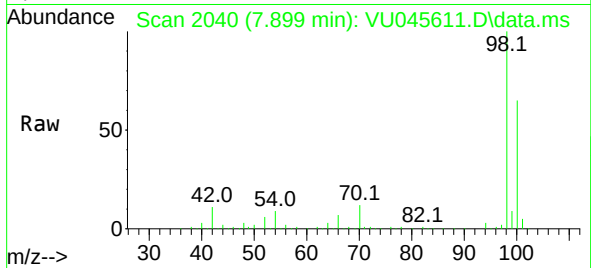




#50
Toluene-d8
Concen: 52.776 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU045611.D
Acq: 08 Nov 2021 13:37

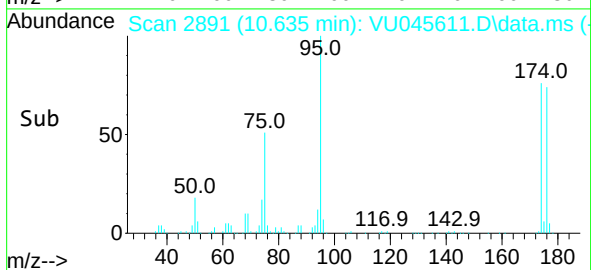
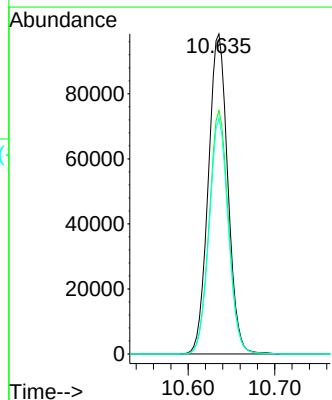
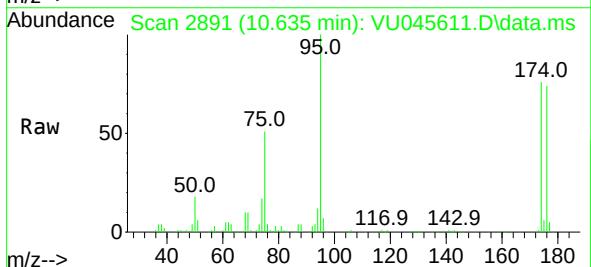
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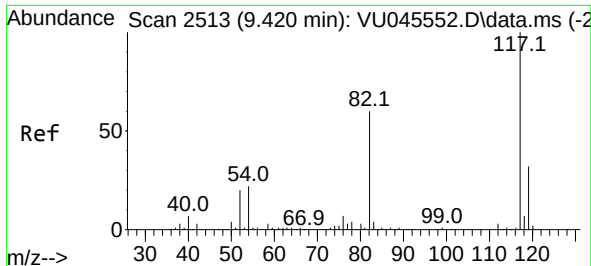
Tgt Ion: 98 Resp: 393547
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 51.401 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045611.D
Acq: 08 Nov 2021 13:37

Tgt Ion: 95 Resp: 153698
Ion Ratio Lower Upper
95 100
174 75.5 0.0 141.8
176 72.3 0.0 138.2

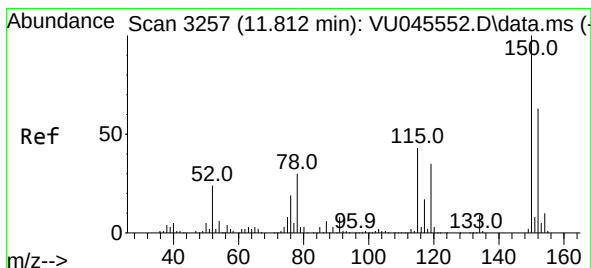
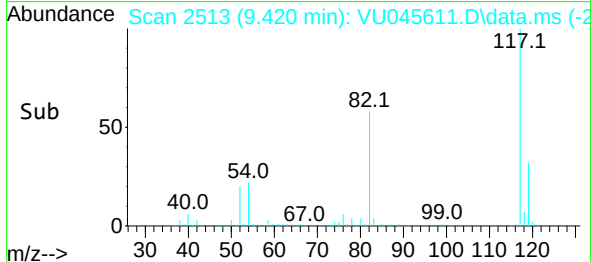
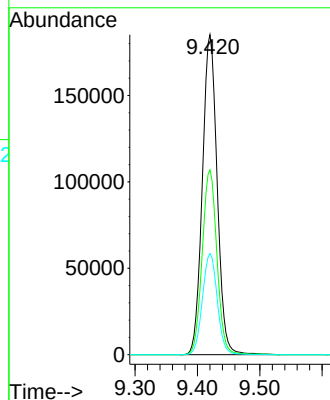
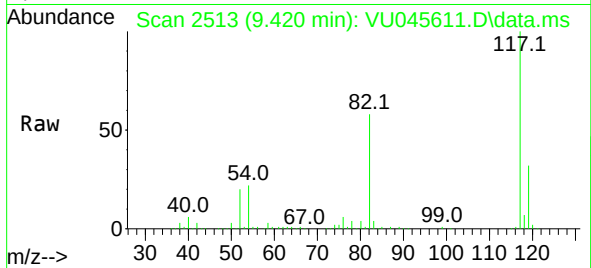




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045611.D
Acq: 08 Nov 2021 13:37

Instrument :
MSVOA_U
ClientSampleId :
FB

Tgt Ion:117 Resp: 305652
Ion Ratio Lower Upper
117 100
82 57.8 47.8 71.8
119 31.6 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: VU045611.D
Acq: 08 Nov 2021 13:37

Tgt Ion:152 Resp: 157605
Ion Ratio Lower Upper
152 100
115 61.7 42.7 128.1
150 156.5 0.0 346.8

