

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110821\
 Data File : VU045641.D
 Acq On : 09 Nov 2021 01:54
 Operator : SY/MD
 Sample : M4504-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RW8-MW01D1-20211102

Quant Time: Nov 09 11:16:06 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	148970	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	279745	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	285659	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	146029	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	120534	54.027	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.060%	
35) Dibromofluoromethane	5.292	113	93252	49.929	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.860%	
50) Toluene-d8	7.899	98	363351	52.318	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.640%	
62) 4-Bromofluorobenzene	10.636	95	140942	50.609	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.220%	

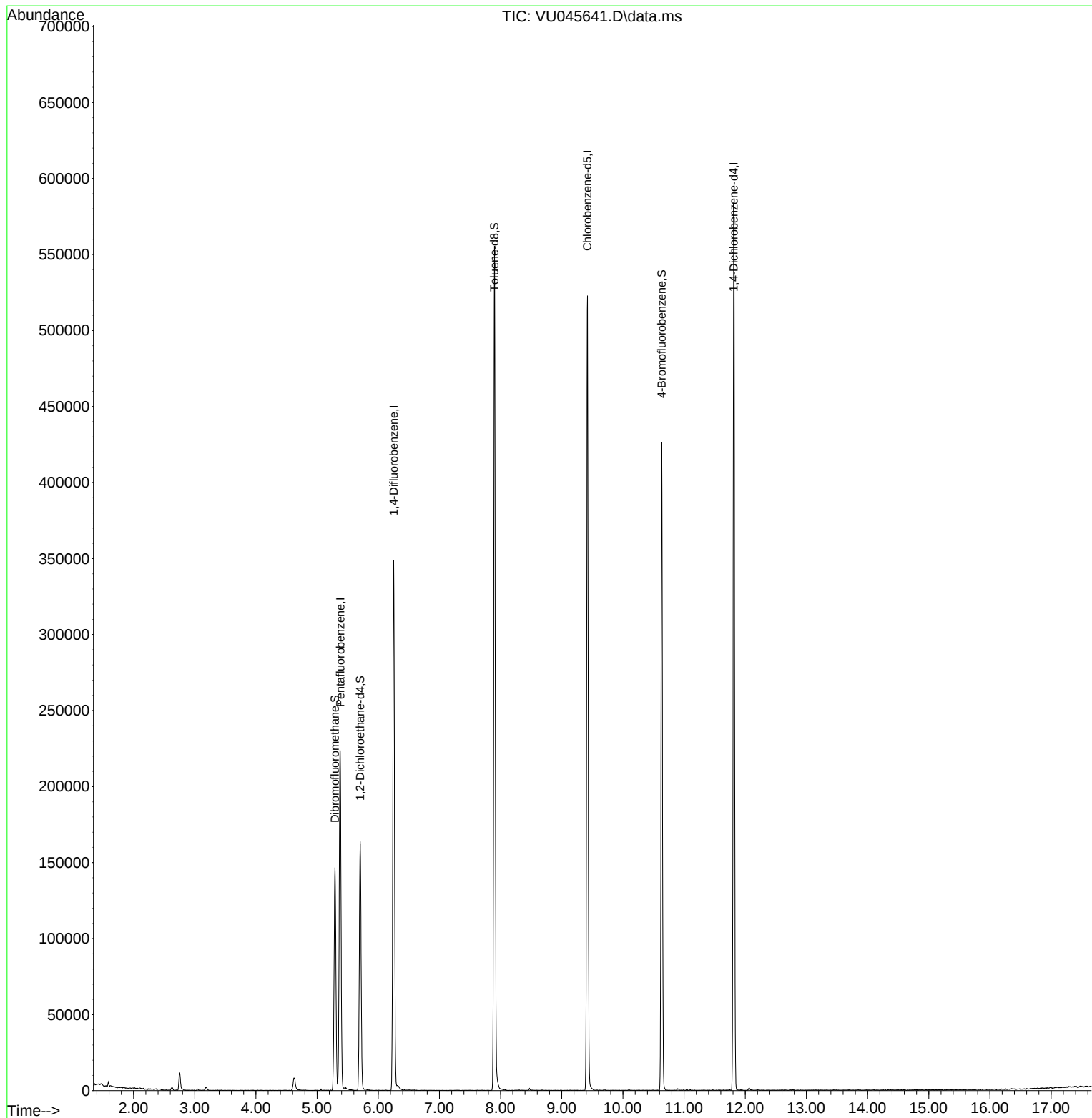
Target Compounds	Qvalue

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

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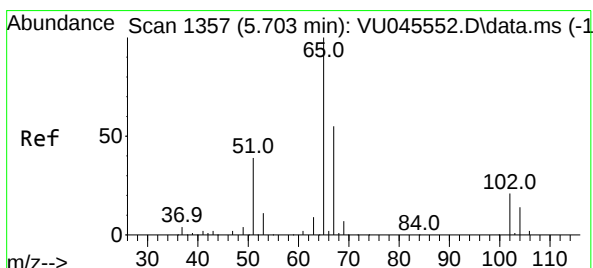
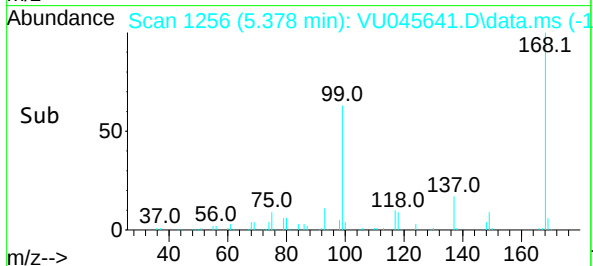
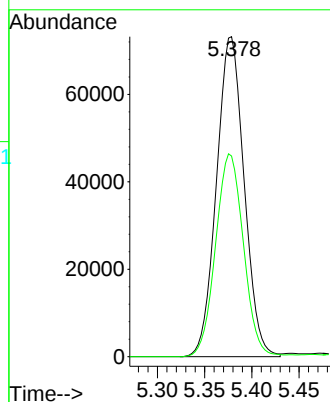
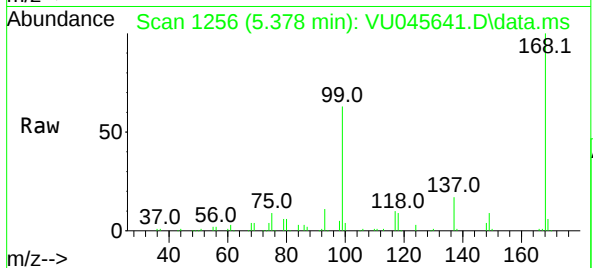




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU045641.D
Acq: 09 Nov 2021 01:54

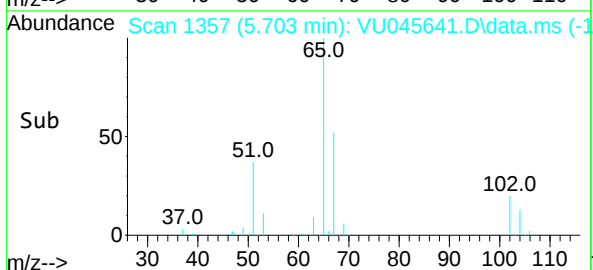
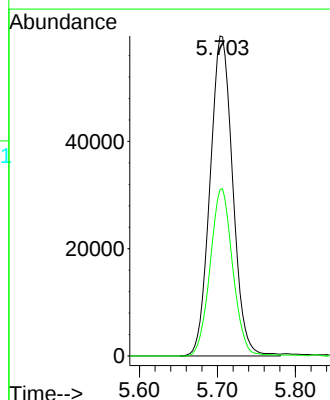
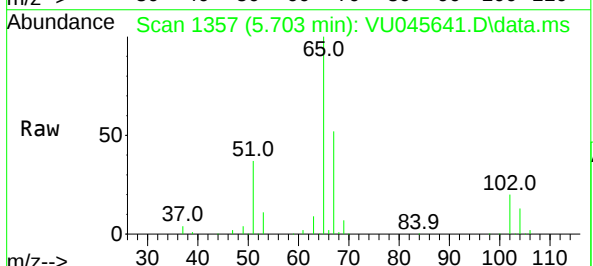
Instrument :
MSVOA_U
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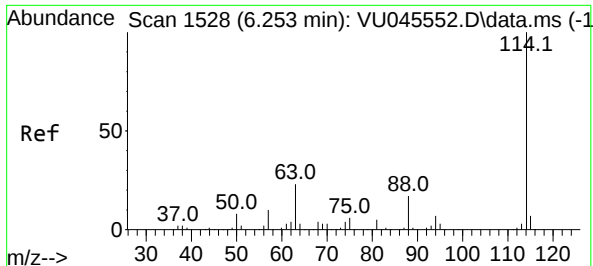
Tgt Ion:168 Resp: 148970
Ion Ratio Lower Upper
168 100
99 62.7 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 54.027 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. 0.000 min
Lab File: VU045641.D
Acq: 09 Nov 2021 01:54

Tgt Ion: 65 Resp: 120534
Ion Ratio Lower Upper
65 100
67 52.1 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: VU045641.D

Acq: 09 Nov 2021 01:54

Instrument :

MSVOA_U

ClientSampleId :

RW8-MW01D1-20211102

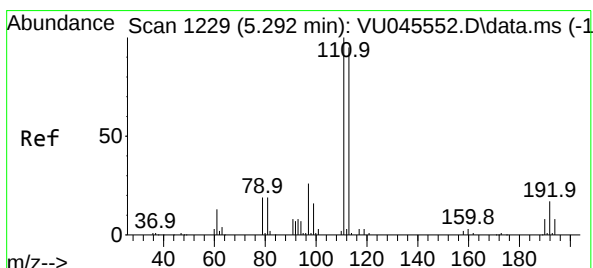
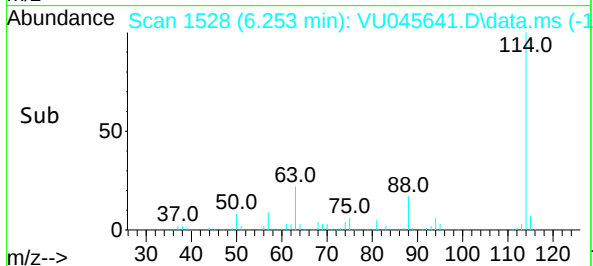
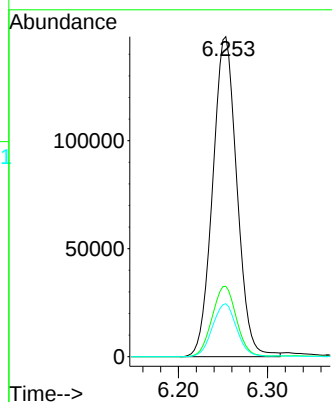
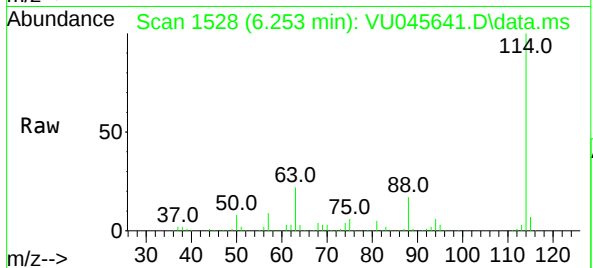
Tgt Ion:114 Resp: 279745

Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.6

88 16.5 0.0 33.8



#35

Dibromofluoromethane

Concen: 49.929 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VU045641.D

Acq: 09 Nov 2021 01:54

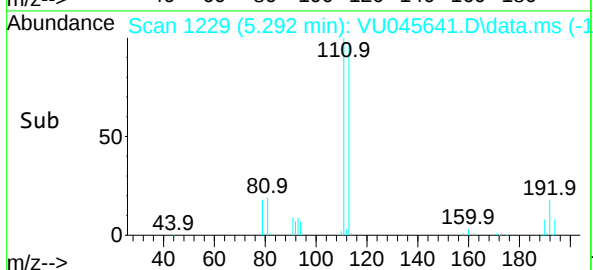
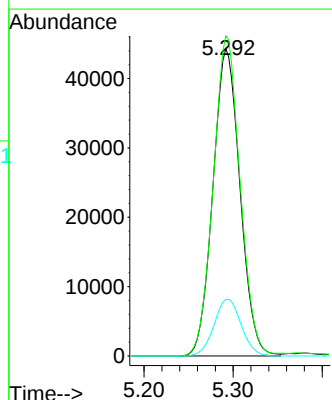
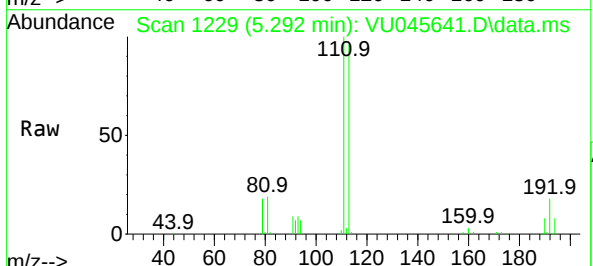
Tgt Ion:113 Resp: 93252

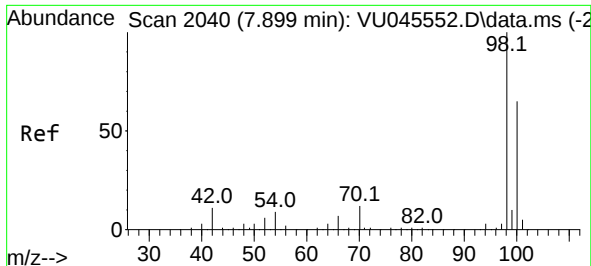
Ion Ratio Lower Upper

113 100

111 103.7 82.8 124.2

192 18.6 14.8 22.2

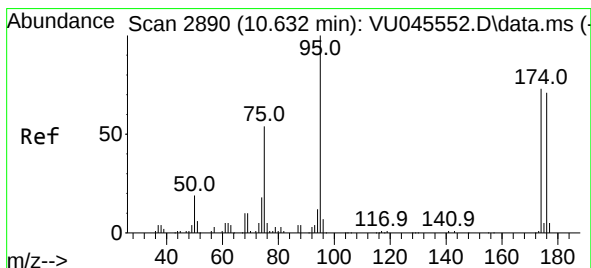
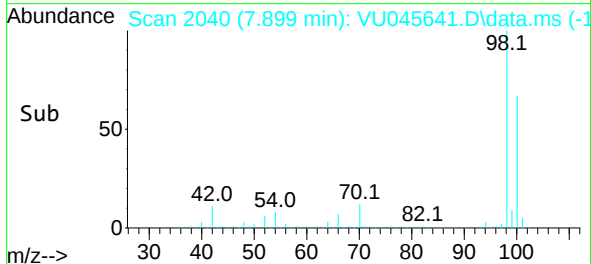
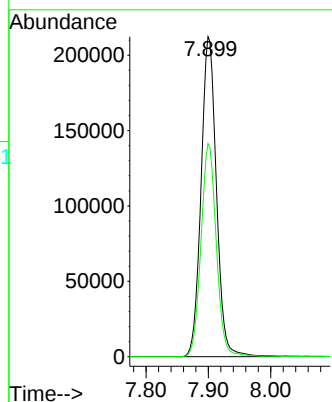
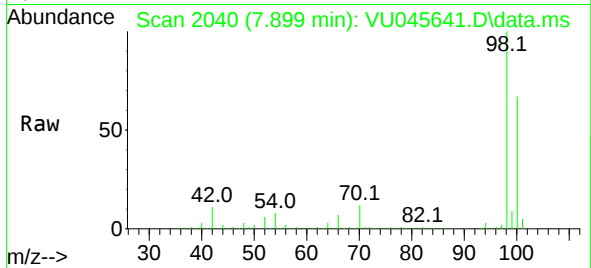




#50
Toluene-d8
Concen: 52.318 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU045641.D
Acq: 09 Nov 2021 01:54

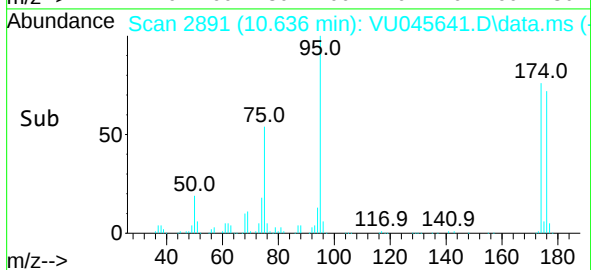
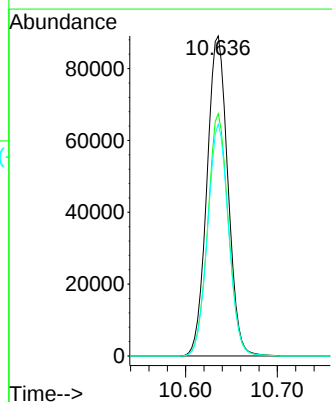
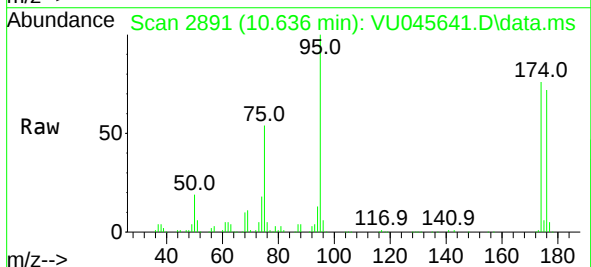
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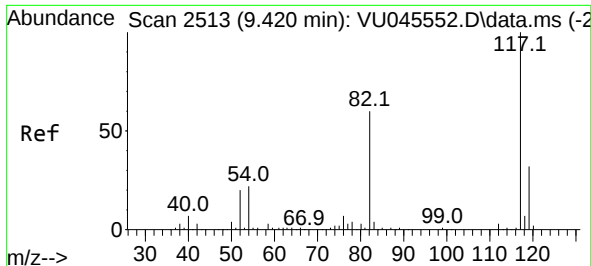
Tgt Ion: 98 Resp: 363351
Ion Ratio Lower Upper
98 100
100 66.4 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 50.609 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045641.D
Acq: 09 Nov 2021 01:54

Tgt Ion: 95 Resp: 140942
Ion Ratio Lower Upper
95 100
174 75.1 0.0 141.8
176 72.3 0.0 138.2

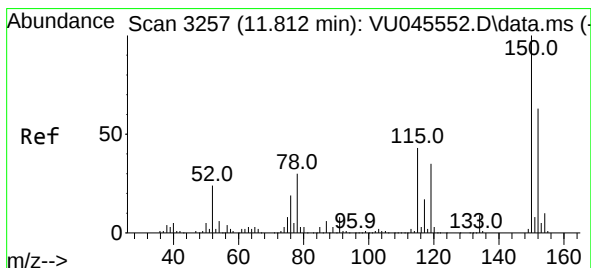
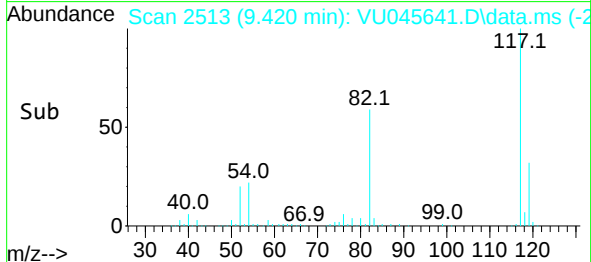
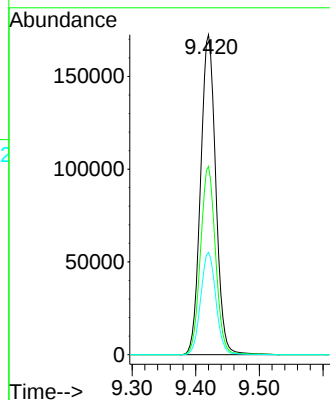
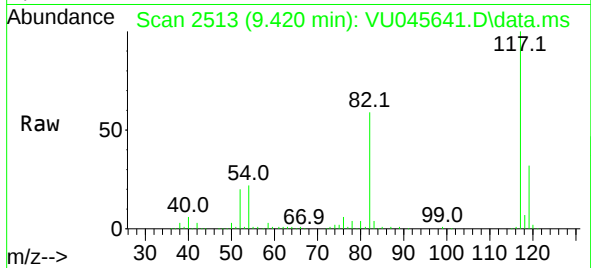




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045641.D
Acq: 09 Nov 2021 01:54

Instrument :
MSVOA_U
ClientSampleId :
RW8-MW01D1-20211102

Tgt Ion:117 Resp: 285659
Ion Ratio Lower Upper
117 100
82 58.9 47.8 71.8
119 31.9 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU045641.D
Acq: 09 Nov 2021 01:54

Tgt Ion:152 Resp: 146029
Ion Ratio Lower Upper
152 100
115 62.4 42.7 128.1
150 156.4 0.0 346.8

