

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110521\
 Data File : VU045568.D
 Acq On : 05 Nov 2021 18:52
 Operator : SY/MD
 Sample : M4475-04
 Misc : 5.02g/10.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SB02B

Quant Time: Nov 05 19:09:20 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	5.372	168	139183	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	265880	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	269625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	143071	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	115470	55.397	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	110.800%
35) Dibromofluoromethane	5.288	113	86957	48.986	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.980%
50) Toluene-d8	7.899	98	347143	52.591	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.180%
62) 4-Bromofluorobenzene	10.639	95	140856	53.215	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.440%

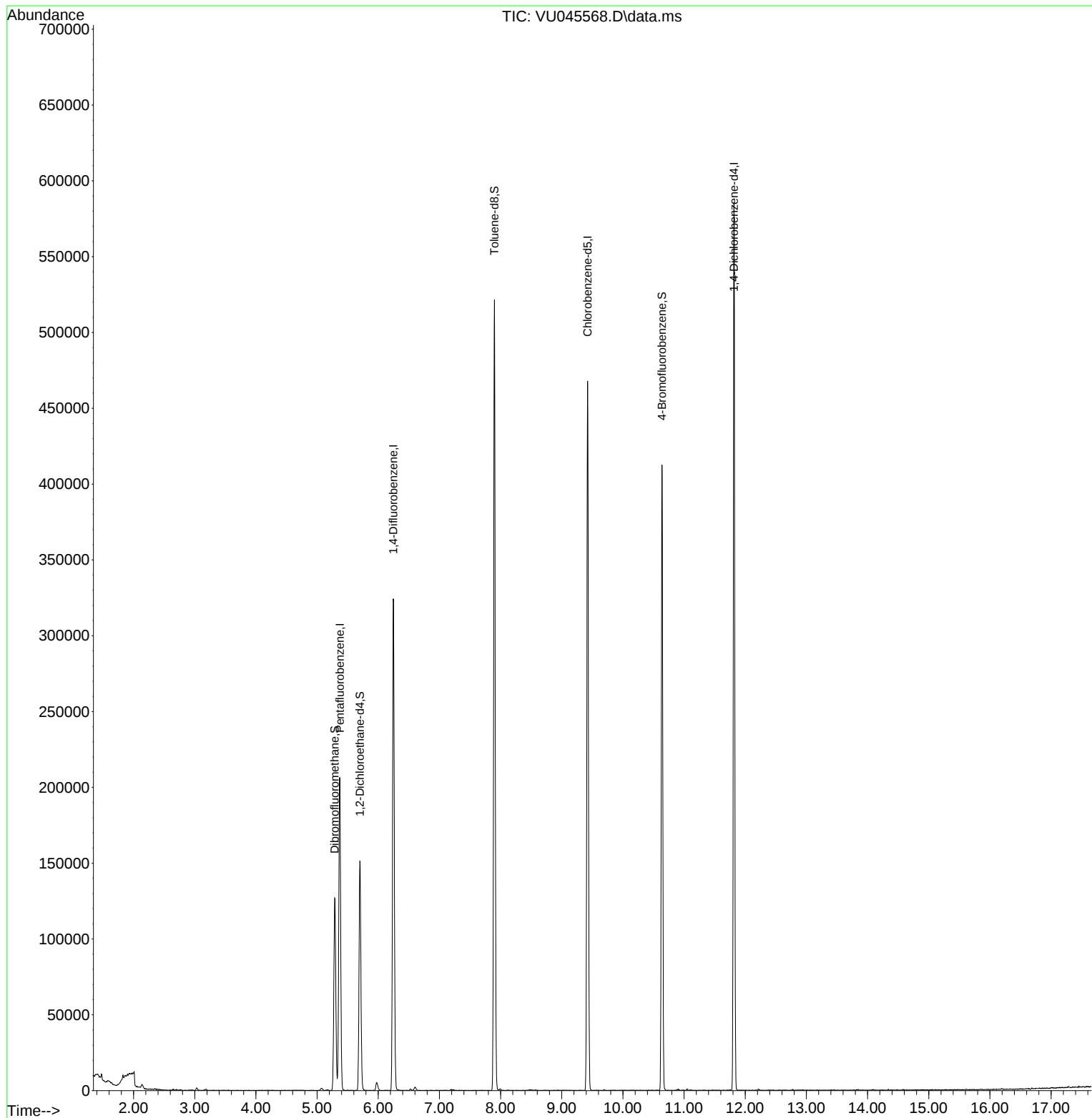
Target Compounds	Qvalue

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

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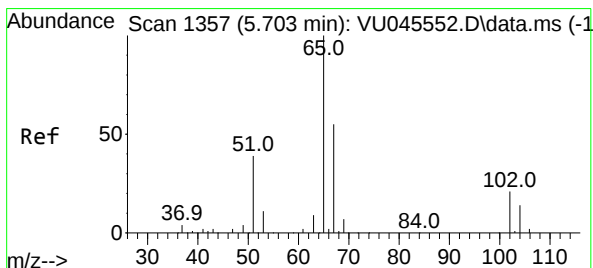
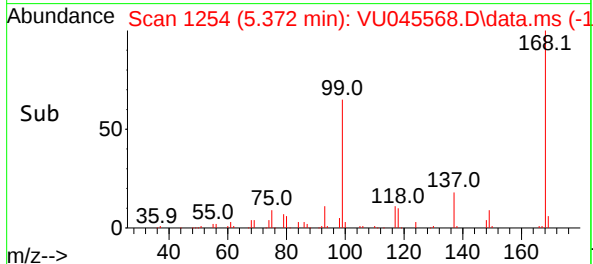
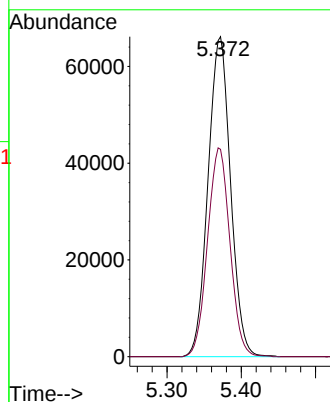
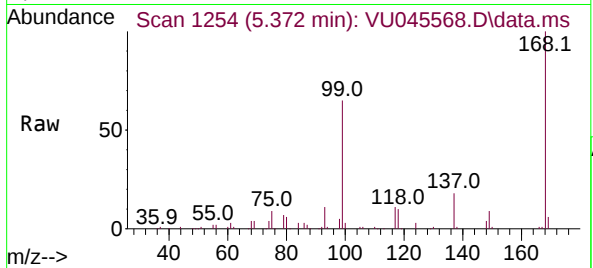




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU045568.D
Acq: 05 Nov 2021 18:52

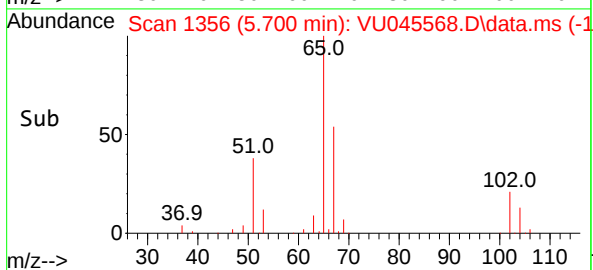
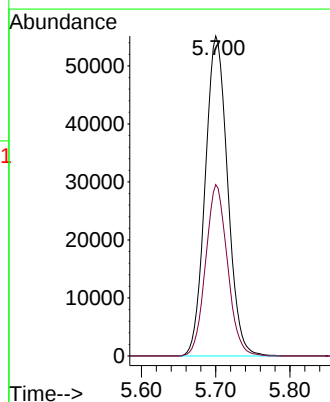
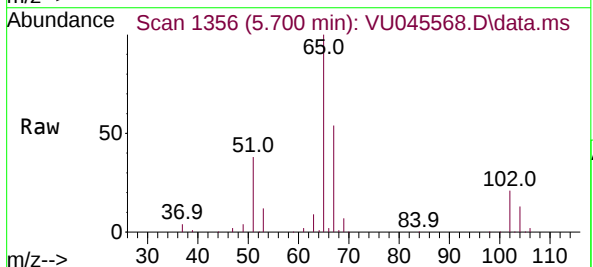
Instrument :
MSVOA_U
ClientSampleId :
SB02B

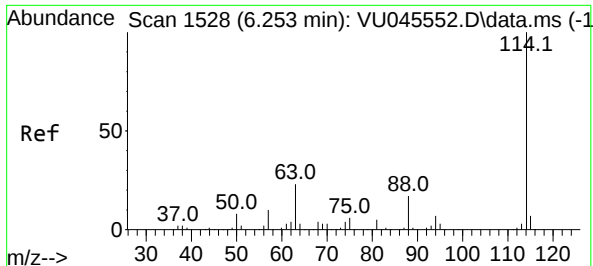
Tgt Ion:168 Resp: 139183
Ion Ratio Lower Upper
168 100
99 64.8 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 55.397 ug/l
RT: 5.700 min Scan# 1356
Delta R.T. -0.003 min
Lab File: VU045568.D
Acq: 05 Nov 2021 18:52

Tgt Ion: 65 Resp: 115470
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 11

Delta R.T. -0.006 min

Lab File: VU045568.D

Acq: 05 Nov 2021 18:52

Instrument :

MSVOA_U

ClientSampleId :

SB02B

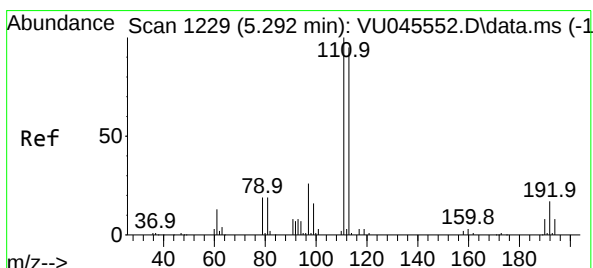
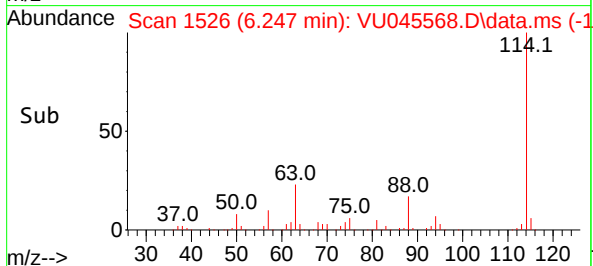
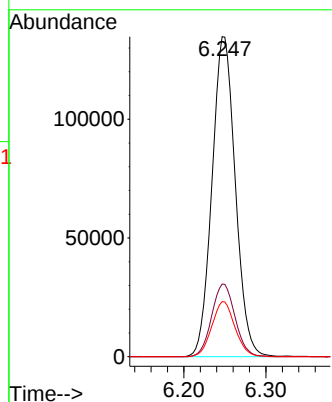
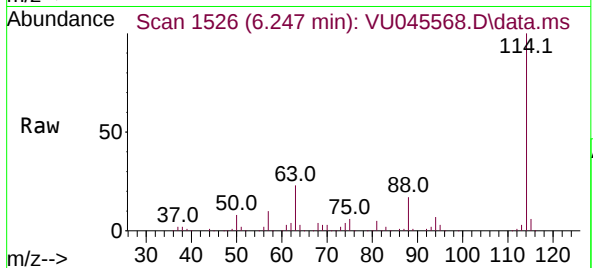
Tgt Ion:114 Resp: 265880

Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.6

88 17.2 0.0 33.8



#35

Dibromofluoromethane

Concen: 48.986 ug/l

RT: 5.288 min Scan# 1228

Delta R.T. -0.003 min

Lab File: VU045568.D

Acq: 05 Nov 2021 18:52

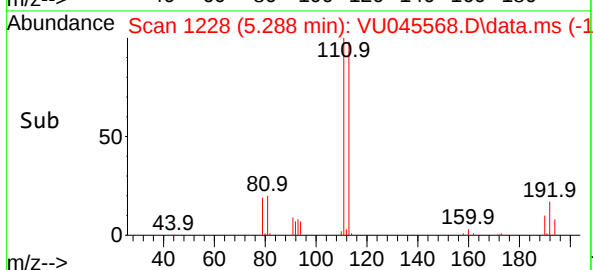
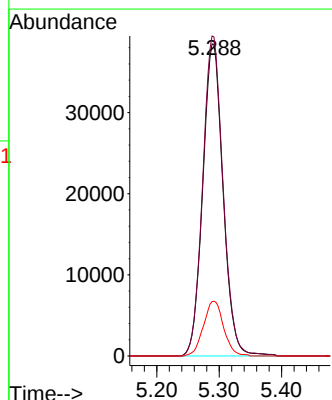
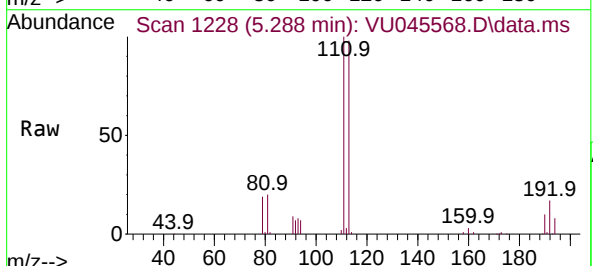
Tgt Ion:113 Resp: 86957

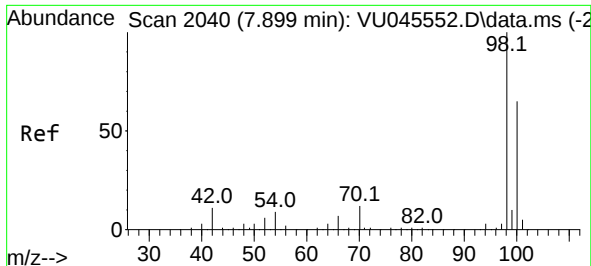
Ion Ratio Lower Upper

113 100

111 102.9 82.8 124.2

192 17.5 14.8 22.2





#50

Toluene-d8

Concen: 52.591 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. -0.000 min

Lab File: VU045568.D

Acq: 05 Nov 2021 18:52

Instrument :

MSVOA_U

ClientSampleId :

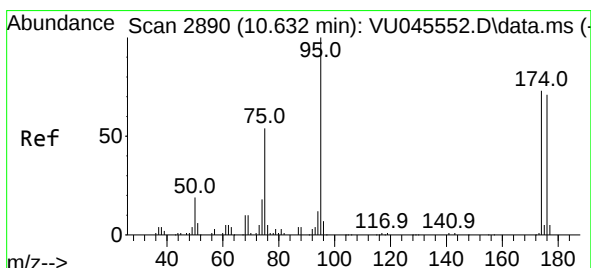
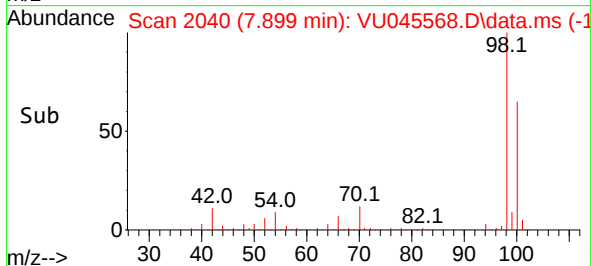
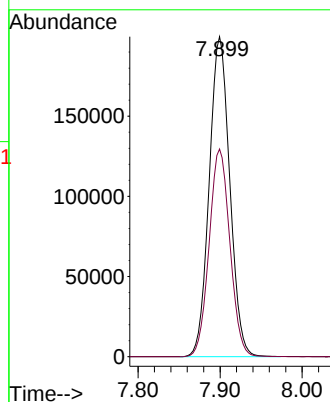
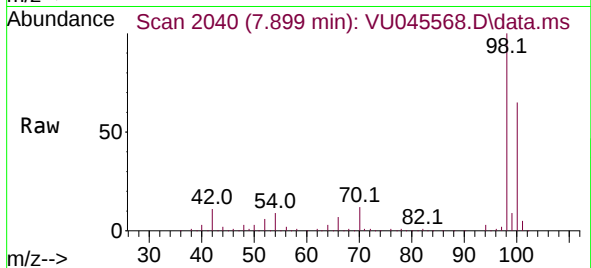
SB02B

Tgt Ion: 98 Resp: 347143

Ion Ratio Lower Upper

98 100

100 65.4 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 53.215 ug/l

RT: 10.639 min Scan# 2892

Delta R.T. 0.006 min

Lab File: VU045568.D

Acq: 05 Nov 2021 18:52

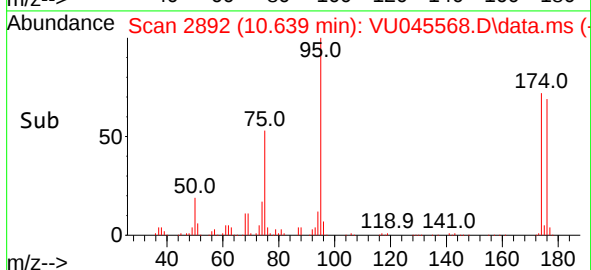
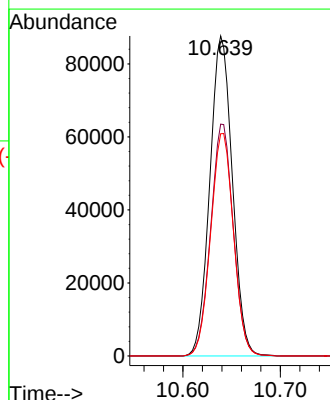
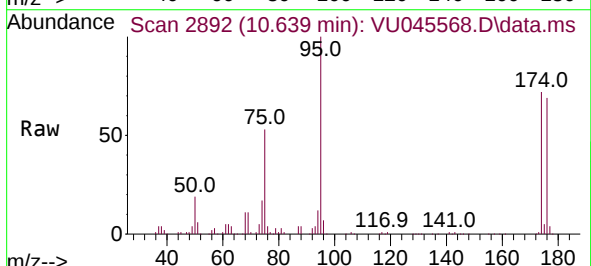
Tgt Ion: 95 Resp: 140856

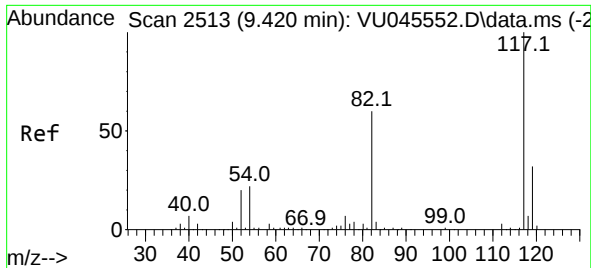
Ion Ratio Lower Upper

95 100

174 72.8 0.0 141.8

176 70.5 0.0 138.2

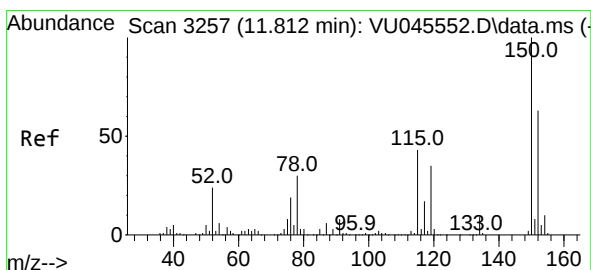
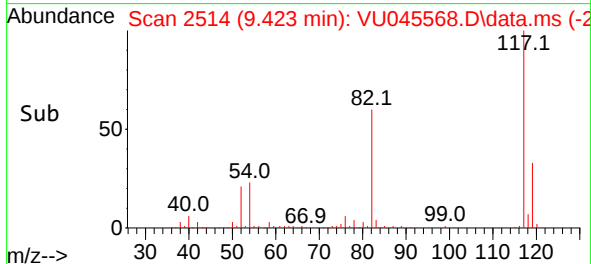
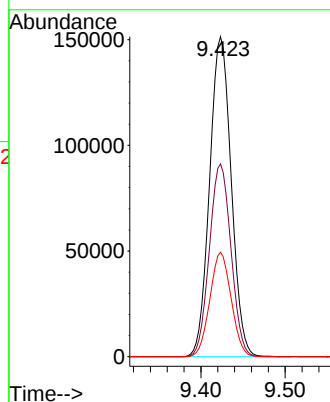
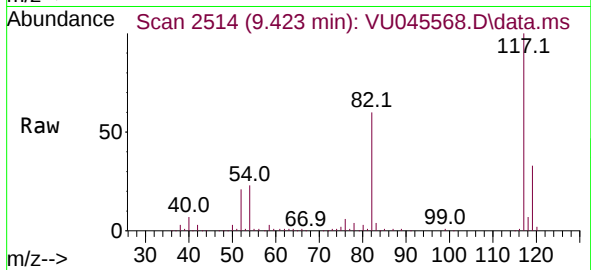




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.423 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU045568.D
Acq: 05 Nov 2021 18:52

Instrument :
MSVOA_U
ClientSampleId :
SB02B

Tgt Ion:117 Resp: 269625
Ion Ratio Lower Upper
117 100
82 60.2 47.8 71.8
119 32.7 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: VU045568.D
Acq: 05 Nov 2021 18:52

Tgt Ion:152 Resp: 143071
Ion Ratio Lower Upper
152 100
115 61.8 42.7 128.1
150 156.1 0.0 346.8

