

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110521\
 Data File : VU045566.D
 Acq On : 05 Nov 2021 18:06
 Operator : SY/MD
 Sample : M4475-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TRIP-BLANK

Quant Time: Nov 05 18:31:56 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	135804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	259311	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	261981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	130633	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	114693	56.393	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	112.780%
35) Dibromofluoromethane	5.292	113	86881	50.183	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.360%
50) Toluene-d8	7.902	98	342324	53.174	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	106.340%
62) 4-Bromofluorobenzene	10.635	95	127838	49.521	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.040%

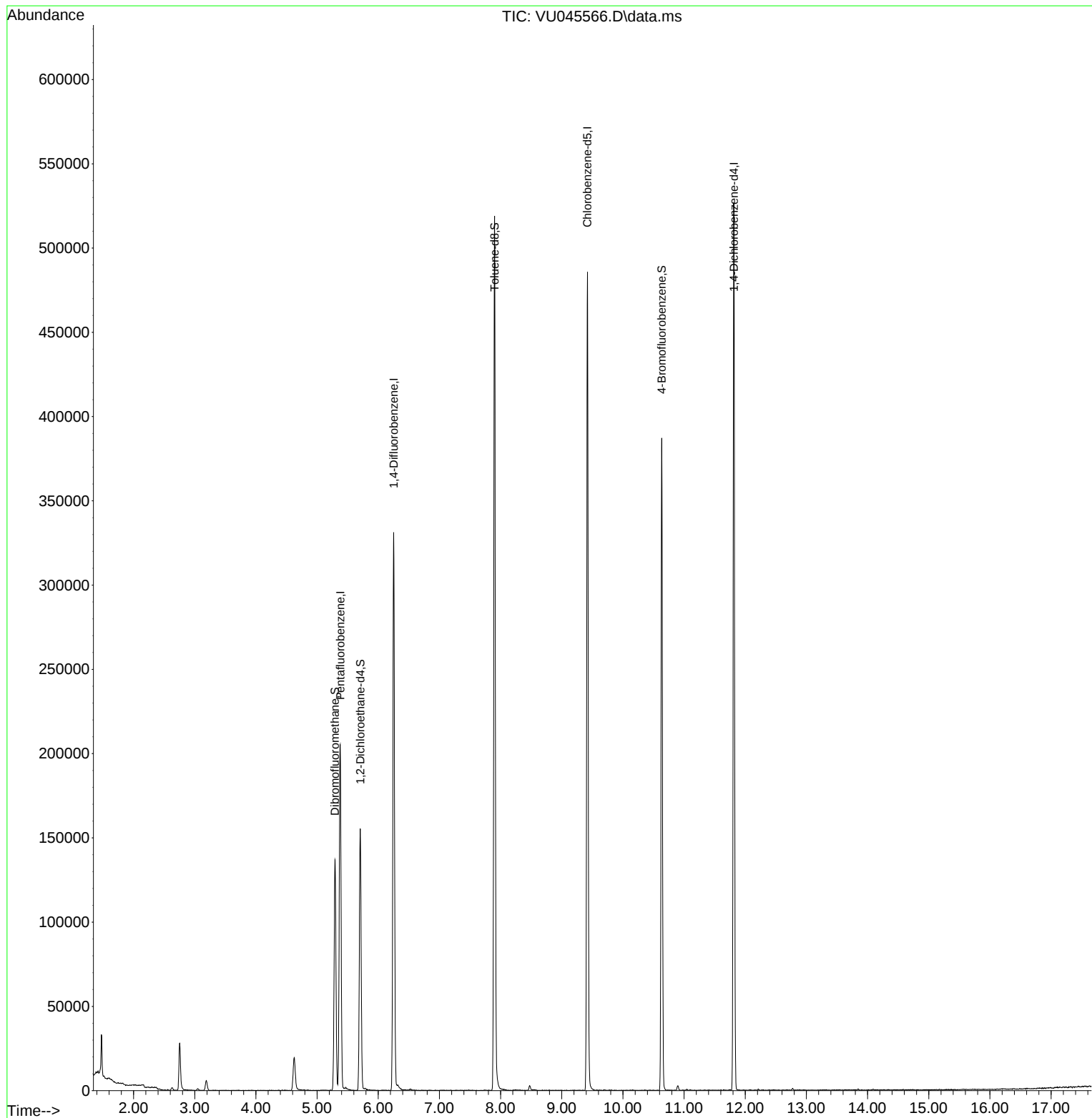
Target Compounds	Qvalue

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

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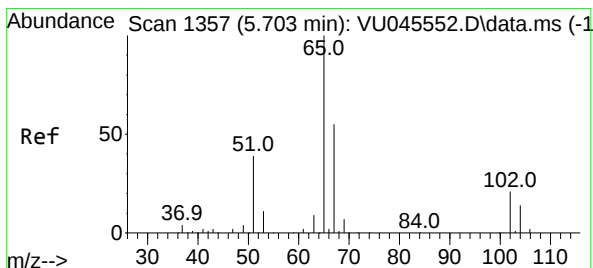
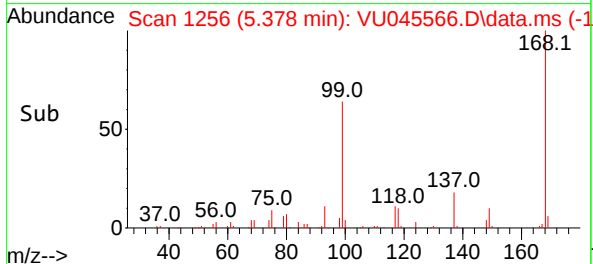
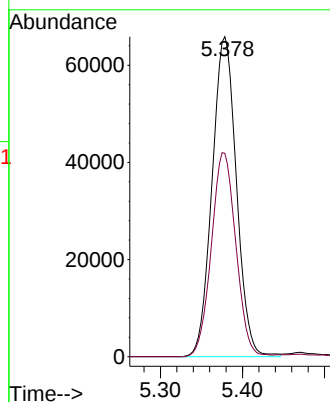
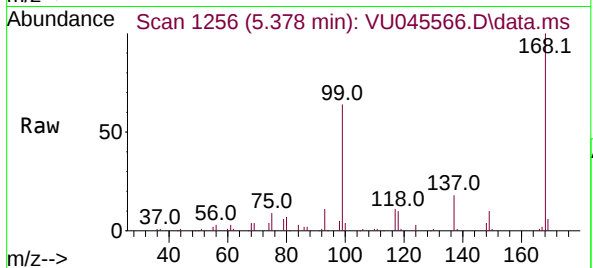




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045566.D
Acq: 05 Nov 2021 18:06

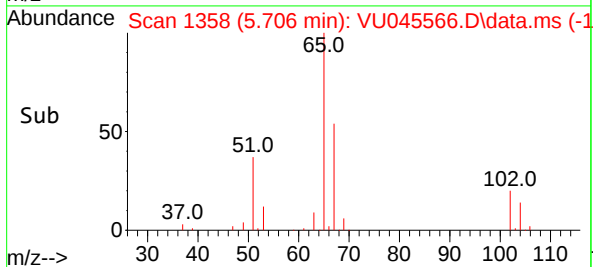
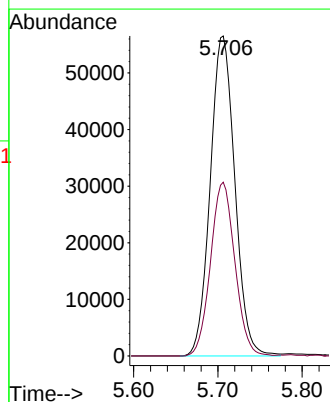
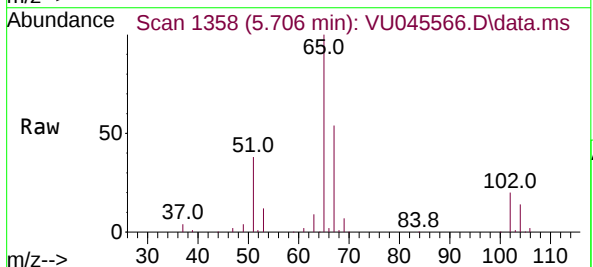
Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

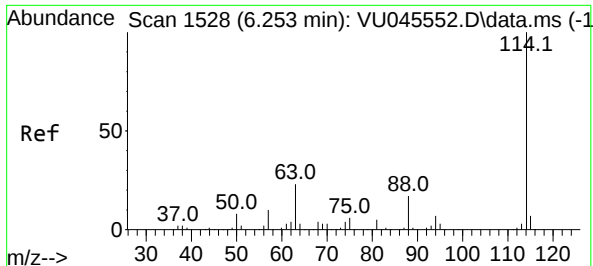
Tgt Ion:168 Resp: 135804
Ion Ratio Lower Upper
168 100
99 63.6 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 56.393 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. 0.003 min
Lab File: VU045566.D
Acq: 05 Nov 2021 18:06

Tgt Ion: 65 Resp: 114693
Ion Ratio Lower Upper
65 100
67 53.7 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: VU045566.D

Acq: 05 Nov 2021 18:06

Instrument :

MSVOA_U

ClientSampleId :

TRIP-BLANK

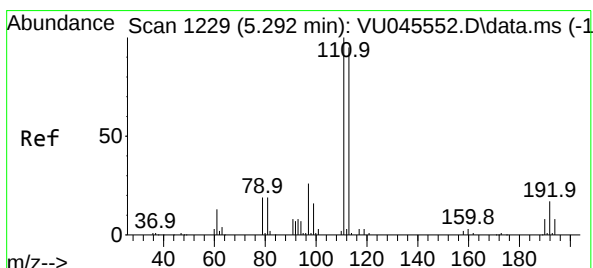
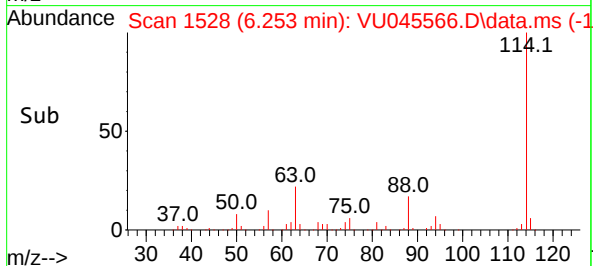
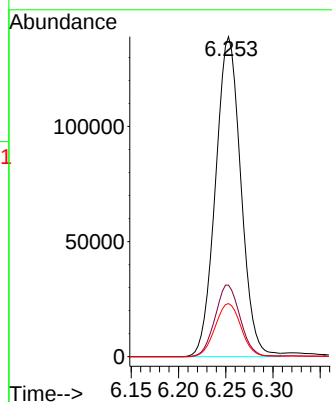
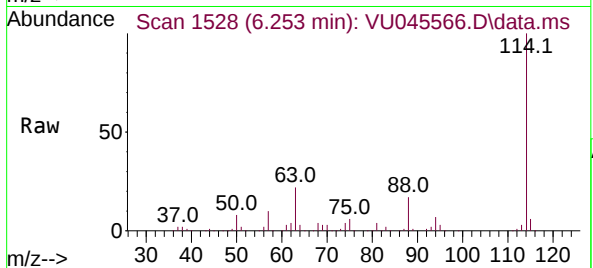
Tgt Ion:114 Resp: 259311

Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.6

88 16.6 0.0 33.8



#35

Dibromofluoromethane

Concen: 50.183 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VU045566.D

Acq: 05 Nov 2021 18:06

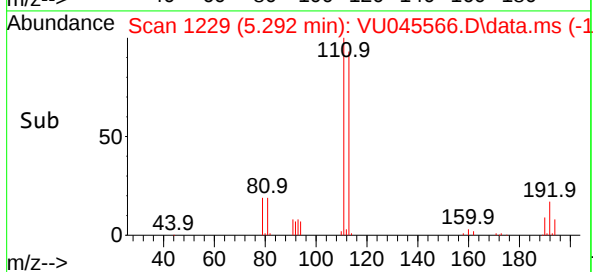
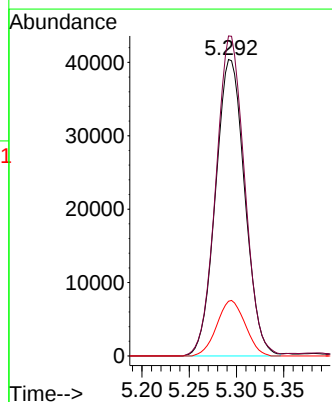
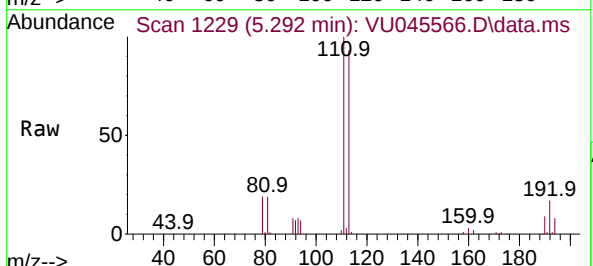
Tgt Ion:113 Resp: 86881

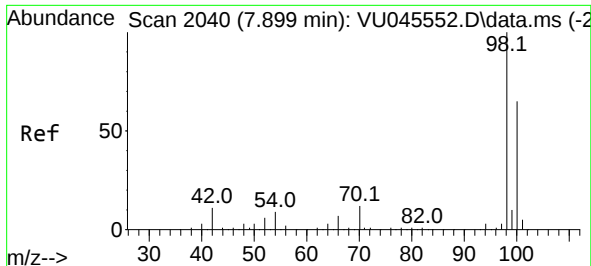
Ion Ratio Lower Upper

113 100

111 105.7 82.8 124.2

192 18.2 14.8 22.2

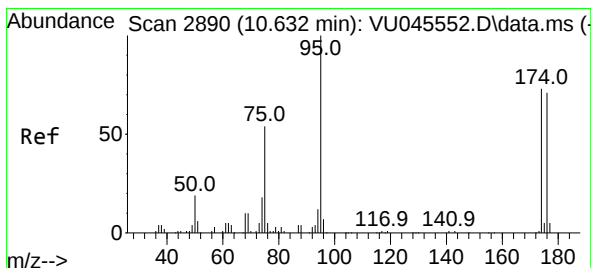
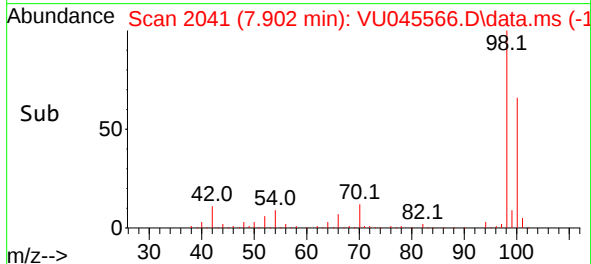
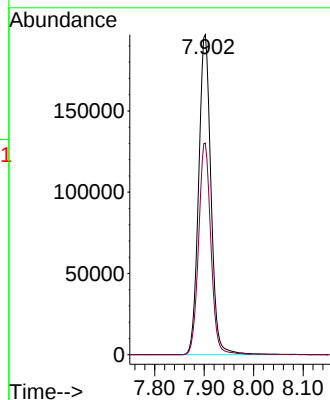
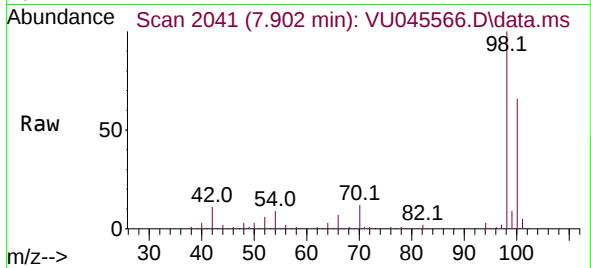




#50
Toluene-d8
Concen: 53.174 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.003 min
Lab File: VU045566.D
Acq: 05 Nov 2021 18:06

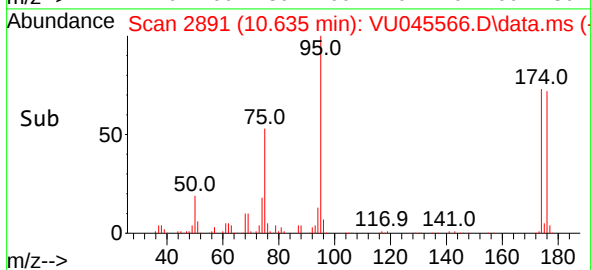
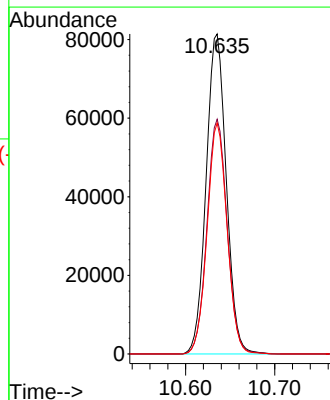
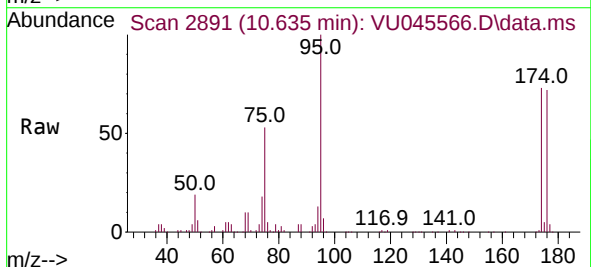
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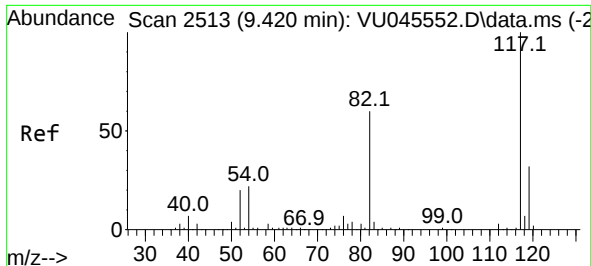
Tgt Ion: 98 Resp: 342324
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 49.521 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045566.D
Acq: 05 Nov 2021 18:06

Tgt Ion: 95 Resp: 127838
Ion Ratio Lower Upper
95 100
174 73.4 0.0 141.8
176 71.2 0.0 138.2

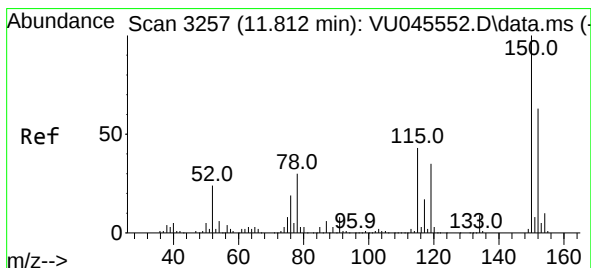
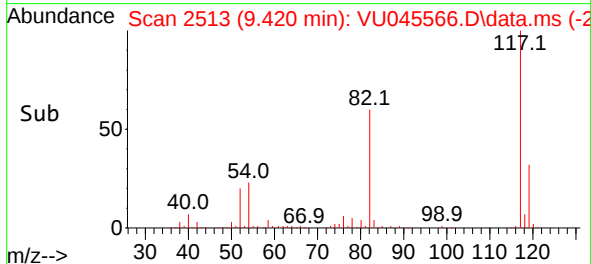
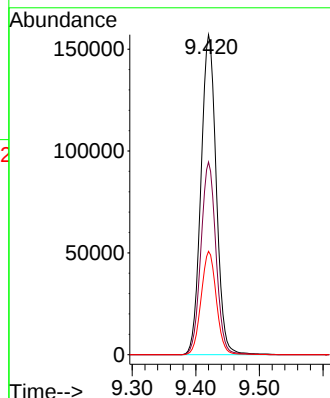
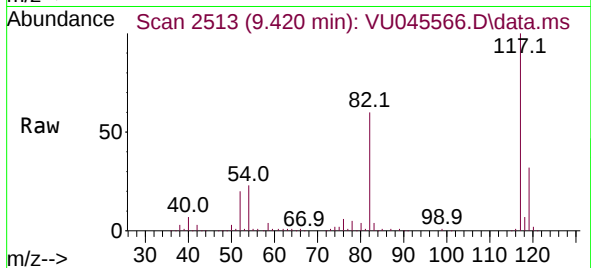




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045566.D
Acq: 05 Nov 2021 18:06

Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

Tgt Ion:117 Resp: 261981
Ion Ratio Lower Upper
117 100
82 60.2 47.8 71.8
119 32.3 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: VU045566.D
Acq: 05 Nov 2021 18:06

Tgt Ion:152 Resp: 130633
Ion Ratio Lower Upper
152 100
115 62.0 42.7 128.1
150 155.1 0.0 346.8

