

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041421\
 Data File : VU043099.D
 Acq On : 14 Apr 2021 17:03
 Operator : SY/MD
 Sample : M1998-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB_04-08-2021_TB

Quant Time: Apr 15 02:08:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 13:17:29 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.382	168	152366	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	246228	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	238721	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	114625	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	124117	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.92%	
35) Dibromofluoromethane	5.298	113	85685	46.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.62%	
50) Toluene-d8	7.906	98	314559	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.10%	
62) 4-Bromofluorobenzene	10.639	95	117005	44.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.26%	

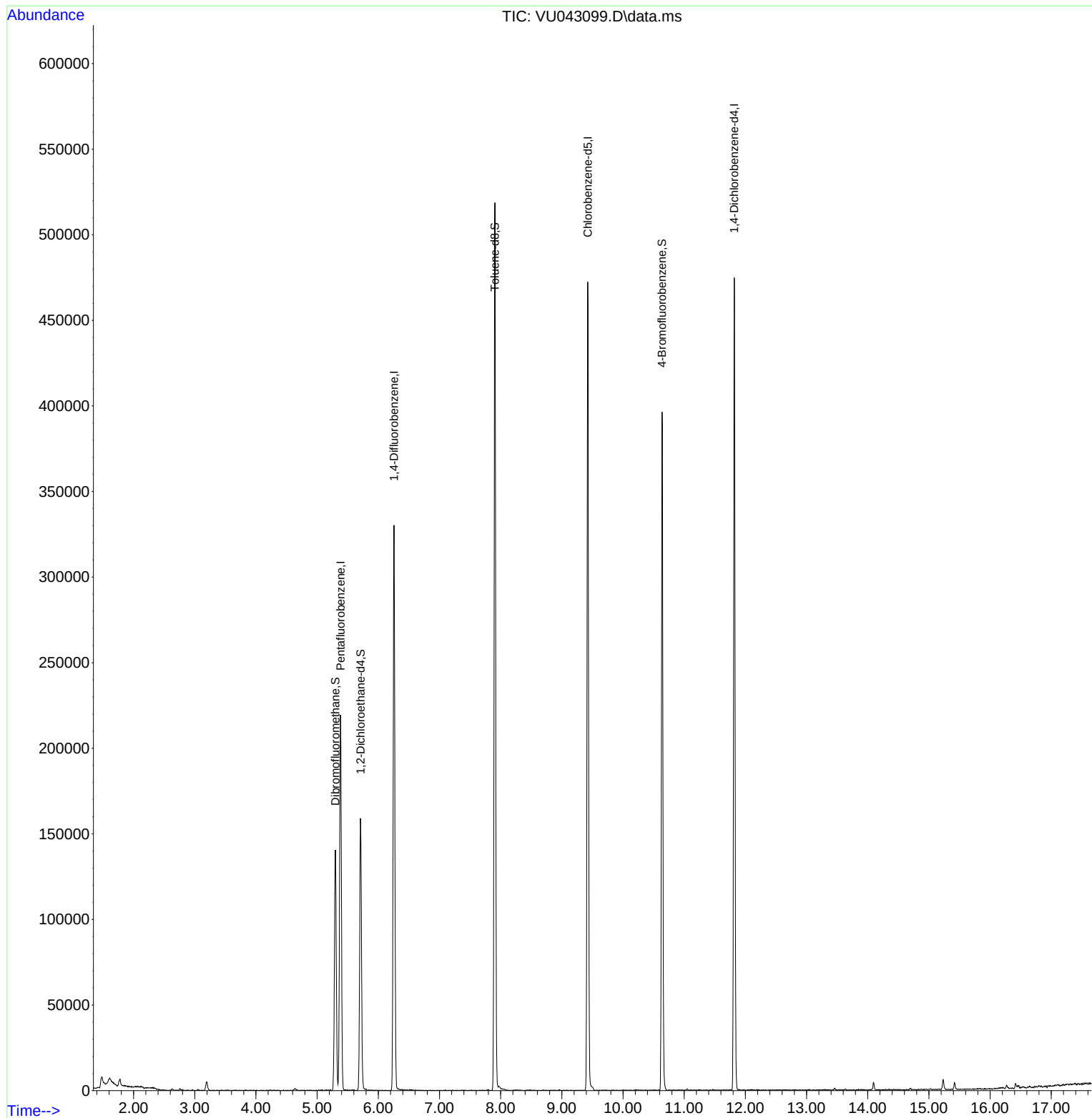
Target Compounds	Qvalue

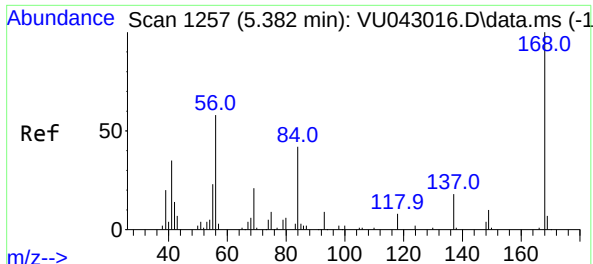
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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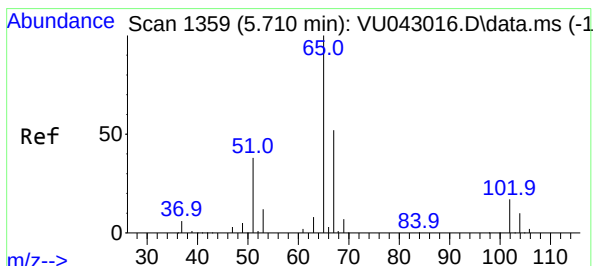
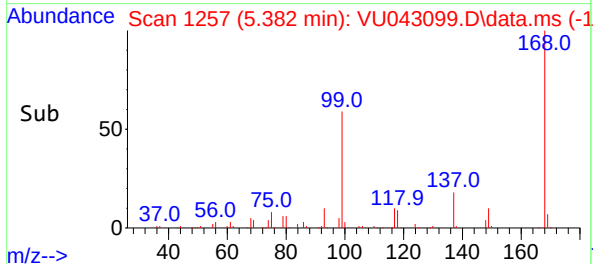
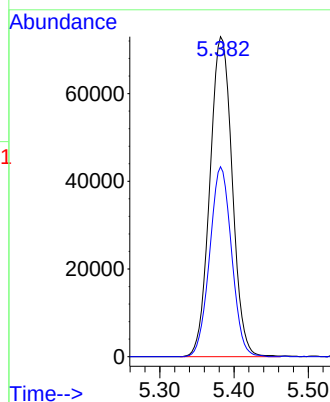
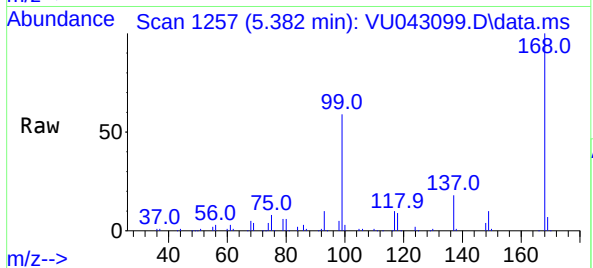




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043099.D
Acq: 14 Apr 2021 17:03

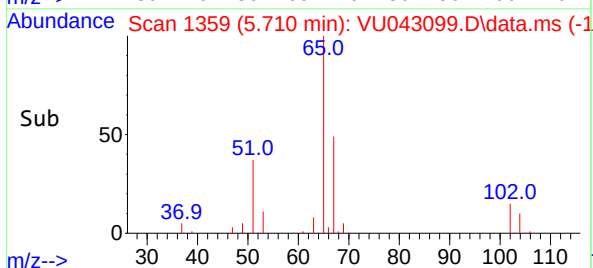
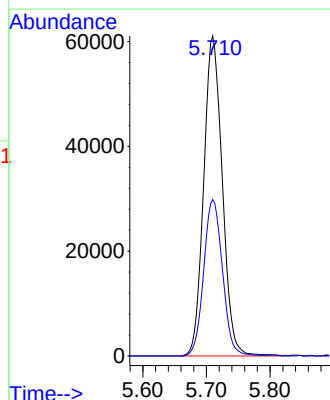
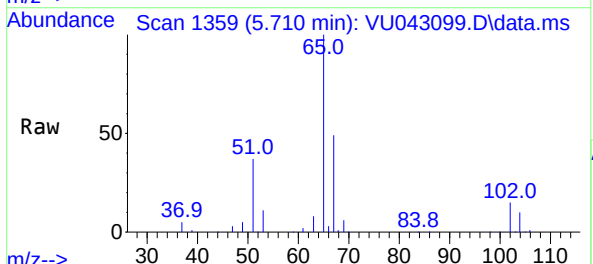
Instrument :
MSVOA_U
ClientSampleId :
TB_04-08-2021_TB

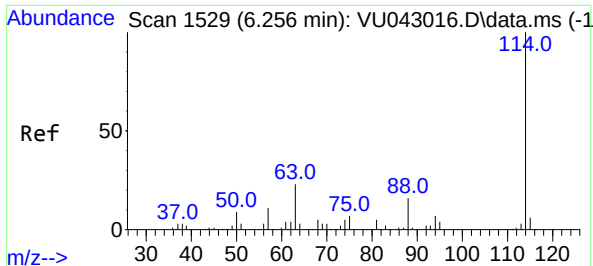
Tgt Ion:168 Resp: 152366
Ion Ratio Lower Upper
168 100
99 59.4 45.0 67.4



#33
1,2-Dichloroethane-d4
Concen: 48.46 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043099.D
Acq: 14 Apr 2021 17:03

Tgt Ion: 65 Resp: 124117
Ion Ratio Lower Upper
65 100
67 49.2 0.0 99.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. 0.000 min

Lab File: VU043099.D

Acq: 14 Apr 2021 17:03

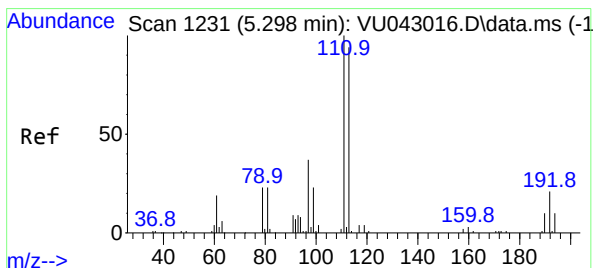
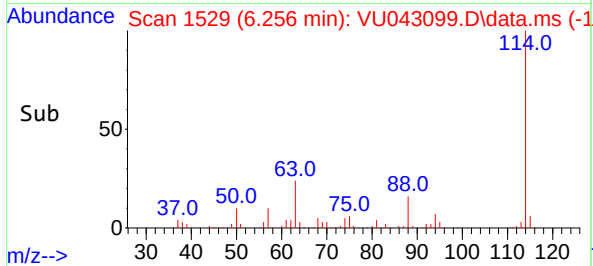
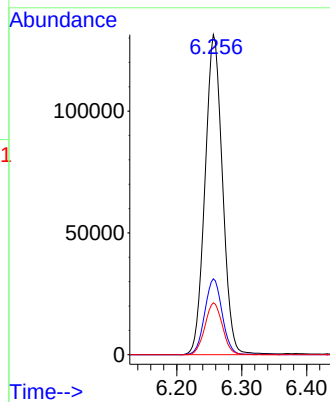
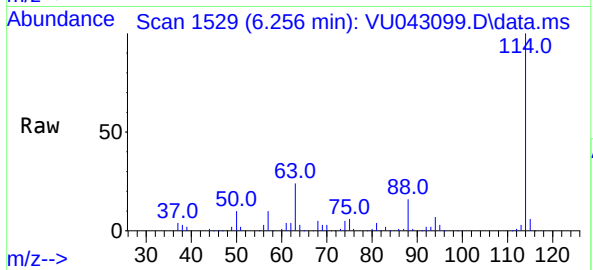
Tgt Ion:114 Resp: 246228

Ion Ratio Lower Upper

114 100

63 23.7 0.0 44.2

88 16.2 0.0 33.4



#35

Dibromofluoromethane

Concen: 46.31 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VU043099.D

Acq: 14 Apr 2021 17:03

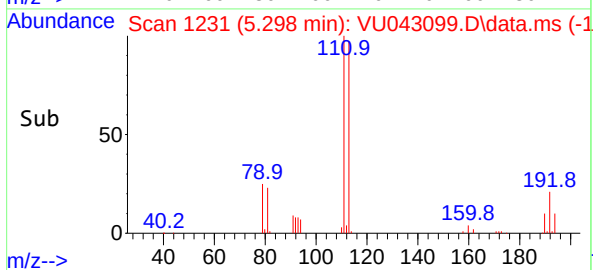
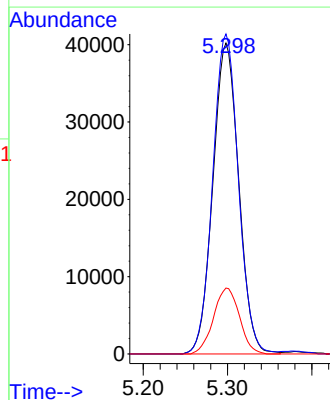
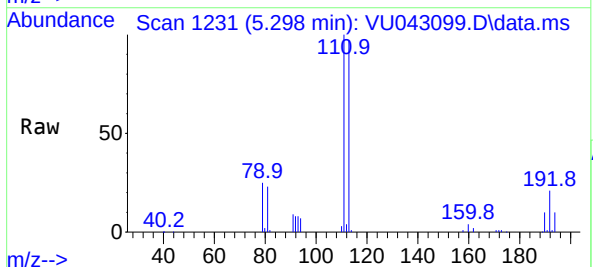
Tgt Ion:113 Resp: 85685

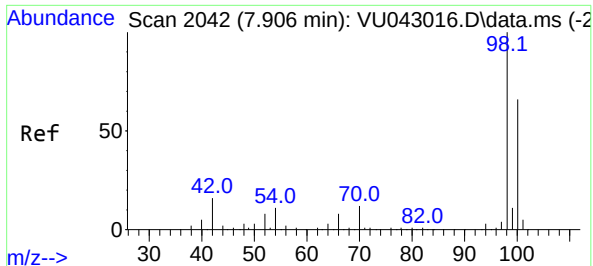
Ion Ratio Lower Upper

113 100

111 102.2 81.8 122.8

192 21.3 17.2 25.8

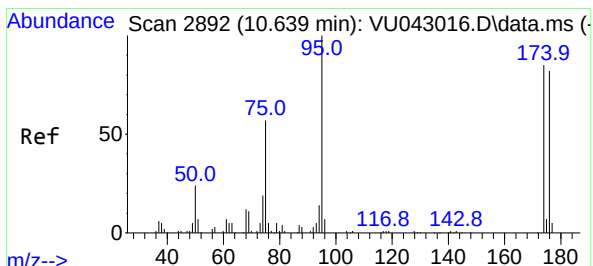
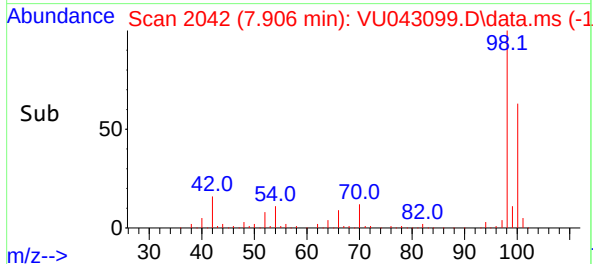
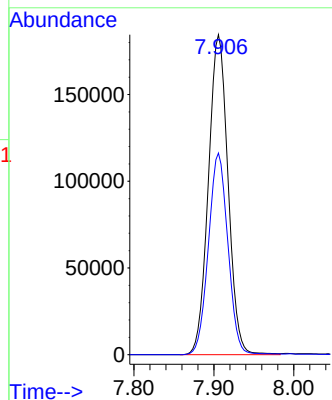
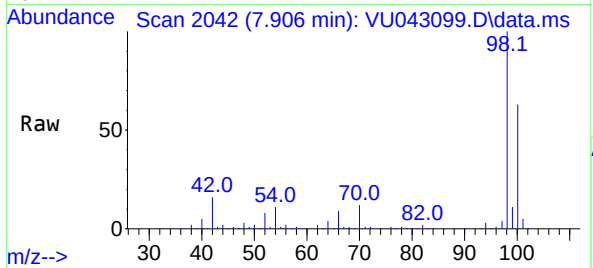




#50
Toluene-d8
Concen: 48.05 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043099.D
Acq: 14 Apr 2021 17:03

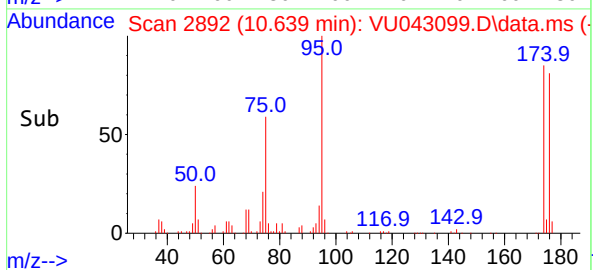
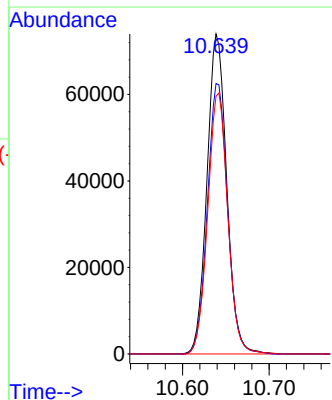
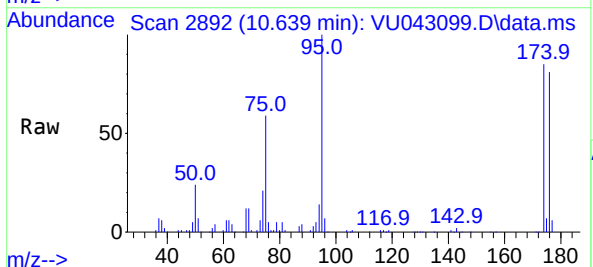
Instrument :
MSVOA_U
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TB_04-08-2021_TB

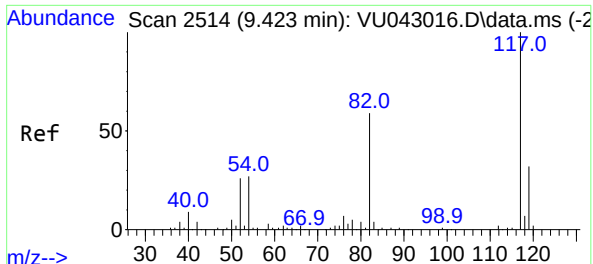
Tgt Ion: 98 Resp: 314559
Ion Ratio Lower Upper
98 100
100 62.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.63 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043099.D
Acq: 14 Apr 2021 17:03

Tgt Ion: 95 Resp: 117005
Ion Ratio Lower Upper
95 100
174 86.5 0.0 172.2
176 82.9 0.0 168.8

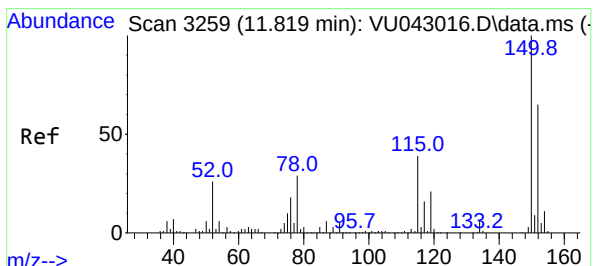
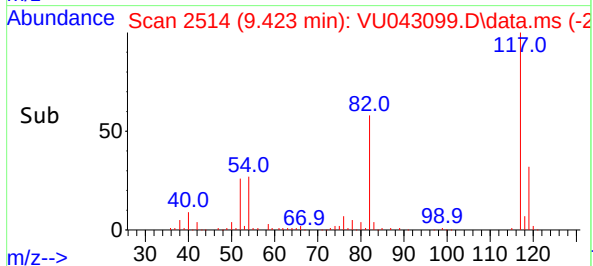
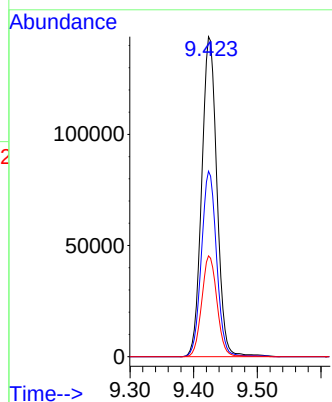
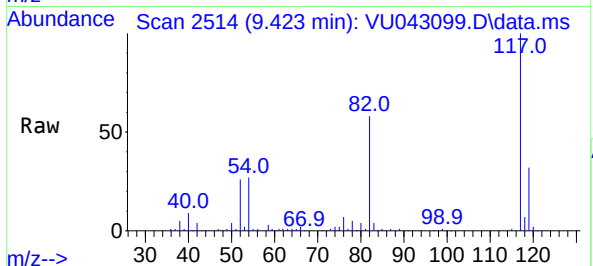




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043099.D
Acq: 14 Apr 2021 17:03

Instrument :
MSVOA_U
ClientSampleId :
TB_04-08-2021_TB

Tgt Ion:117 Resp: 238721
Ion Ratio Lower Upper
117 100
82 58.0 45.8 68.6
119 31.5 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043099.D
Acq: 14 Apr 2021 17:03

Tgt Ion:152 Resp: 114625
Ion Ratio Lower Upper
152 100
115 60.0 41.5 124.6
150 158.2 0.0 342.4

