

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040221\
 Data File : VU042915.D
 Acq On : 02 Apr 2021 22:53
 Operator : SY/MD
 Sample : M1931-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BES-13SR

Quant Time: Apr 03 00:18:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 25 05:42:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.385	168	114670	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.257	114	184755	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.424	117	179094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	89304	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	93692	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
35) Dibromofluoromethane	5.298	113	64242	46.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.18%	
50) Toluene-d8	7.906	98	234500	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
62) 4-Bromofluorobenzene	10.639	95	86122	45.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.38%	

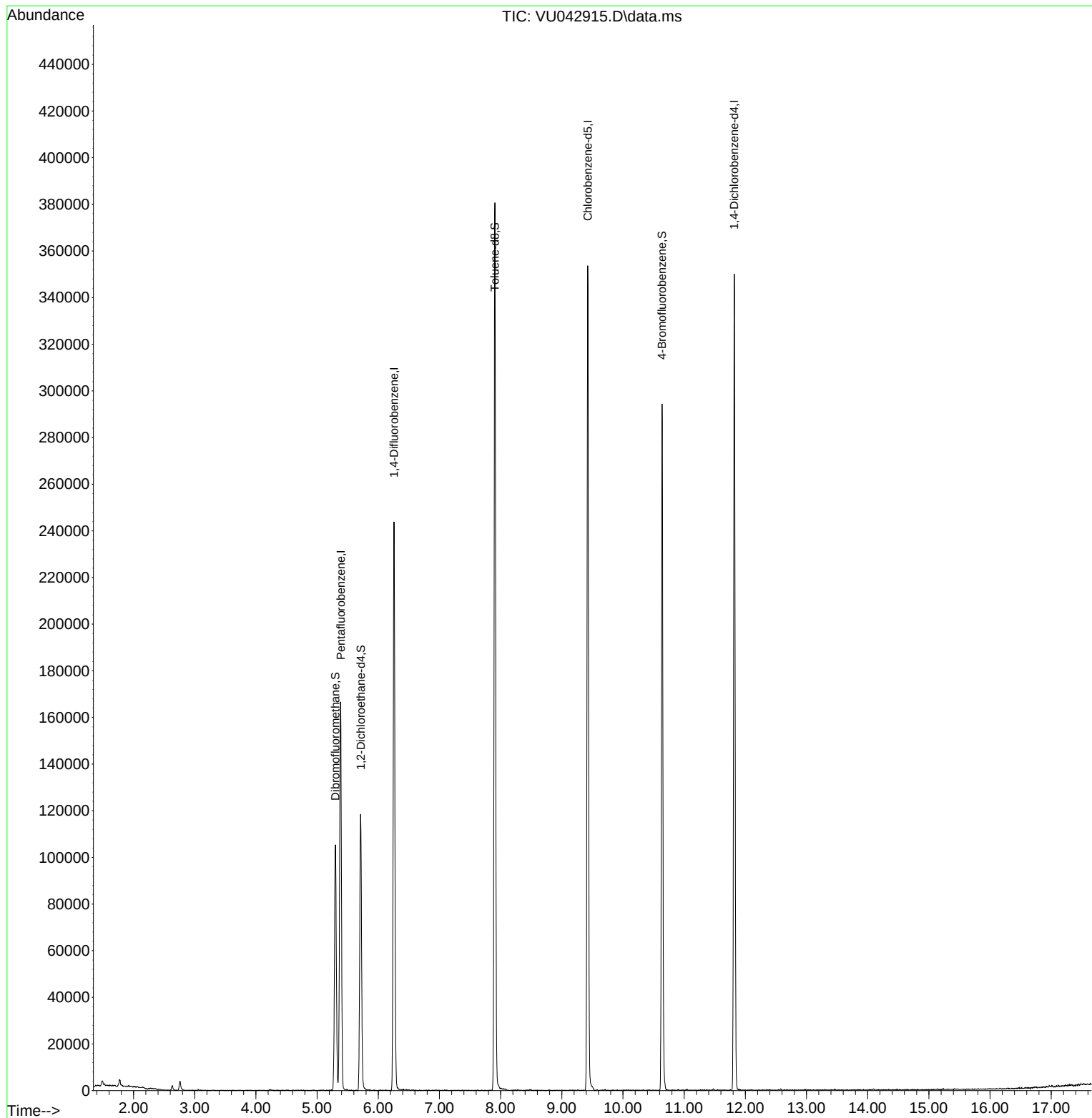
Target Compounds	Qvalue

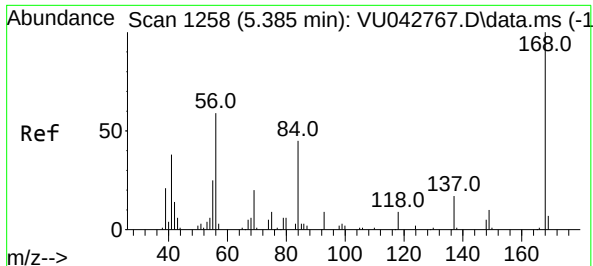
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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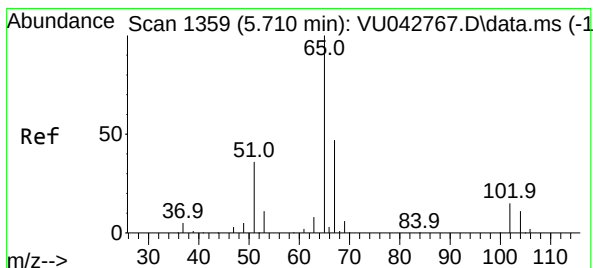
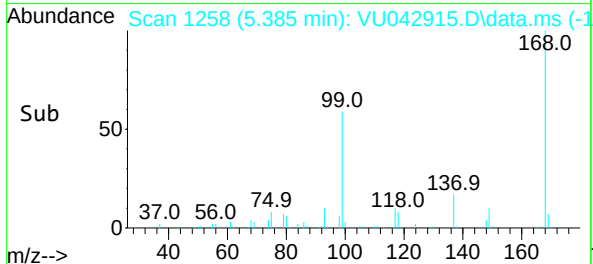
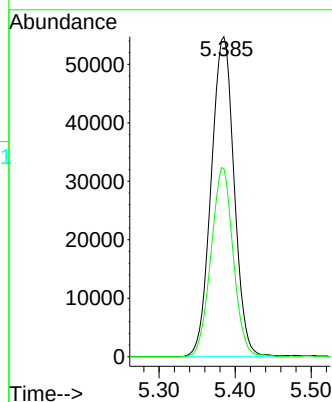
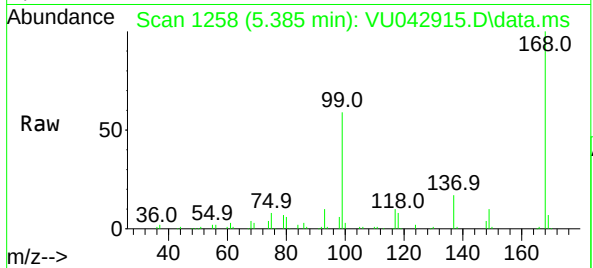




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VU042915.D
Acq: 02 Apr 2021 22:53

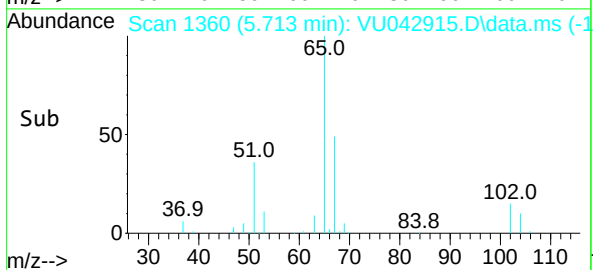
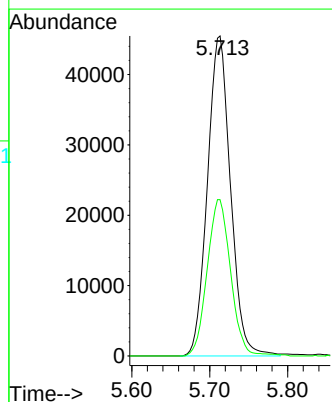
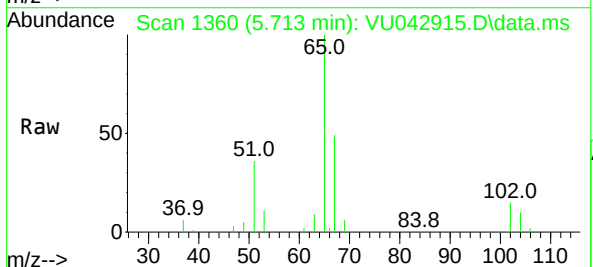
Instrument :
MSVOA_U
ClientSampleId :
BES-13SR

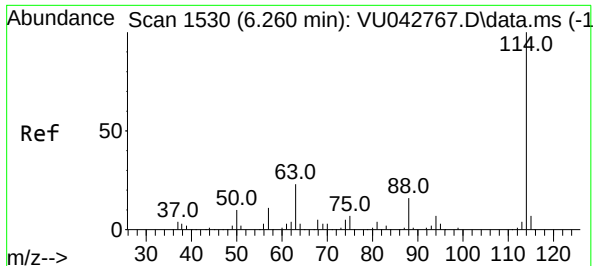
Tgt Ion:168 Resp: 114670
Ion Ratio Lower Upper
168 100
99 58.8 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 51.25 ug/l
RT: 5.713 min Scan# 1360
Delta R.T. 0.003 min
Lab File: VU042915.D
Acq: 02 Apr 2021 22:53

Tgt Ion: 65 Resp: 93692
Ion Ratio Lower Upper
65 100
67 49.7 0.0 98.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.257 min Scan# 1529

Delta R.T. -0.003 min

Lab File: VU042915.D

Acq: 02 Apr 2021 22:53

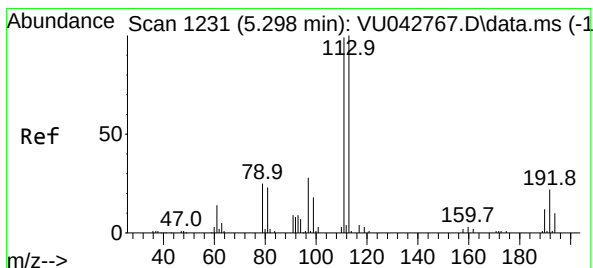
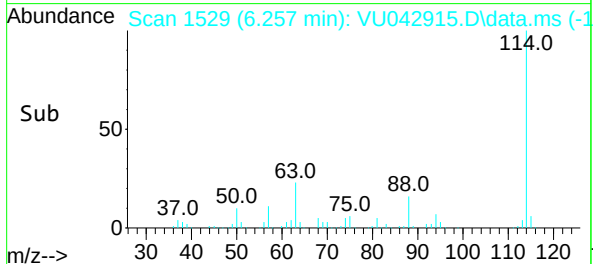
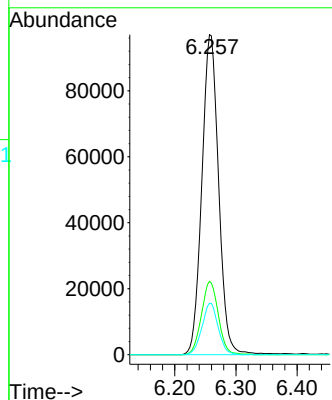
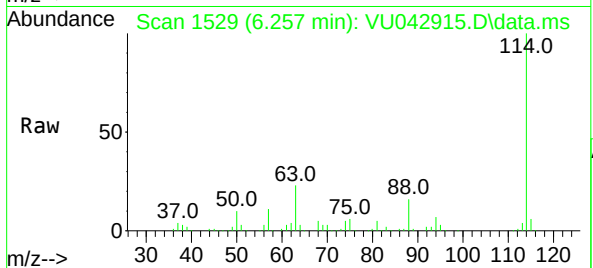
Tgt Ion:114 Resp: 184755

Ion Ratio Lower Upper

114 100

63 22.9 0.0 46.8

88 16.1 0.0 32.2



#35

Dibromofluoromethane

Concen: 46.59 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VU042915.D

Acq: 02 Apr 2021 22:53

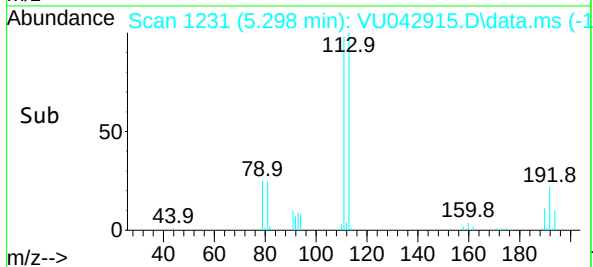
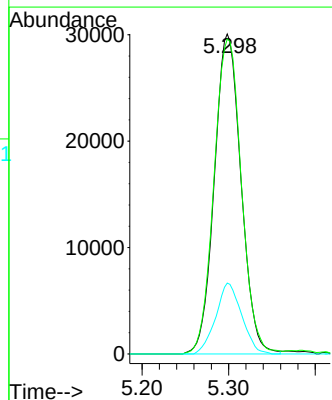
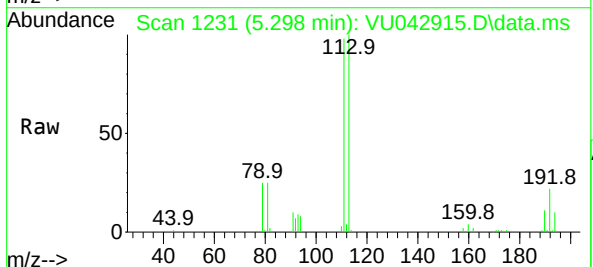
Tgt Ion:113 Resp: 64242

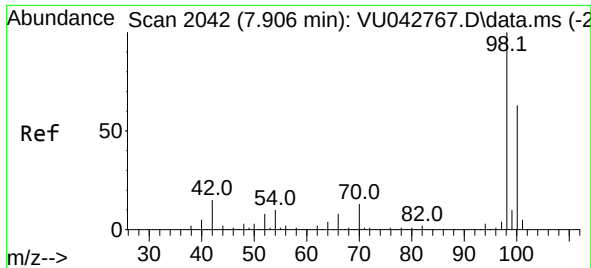
Ion Ratio Lower Upper

113 100

111 101.3 82.1 123.1

192 21.5 17.6 26.4

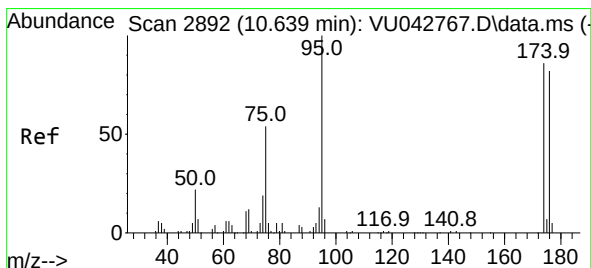
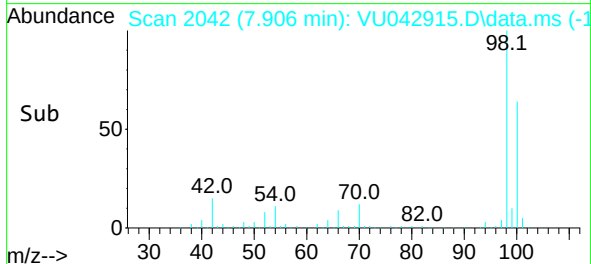
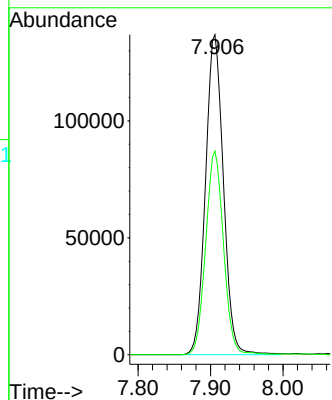
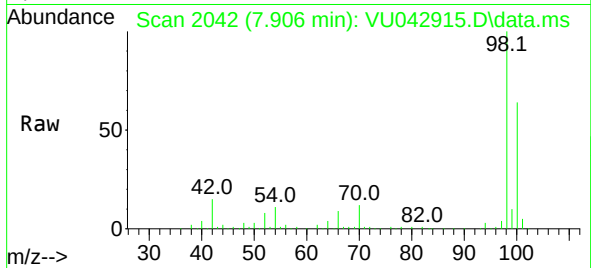




#50
Toluene-d8
Concen: 48.34 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VU042915.D
Acq: 02 Apr 2021 22:53

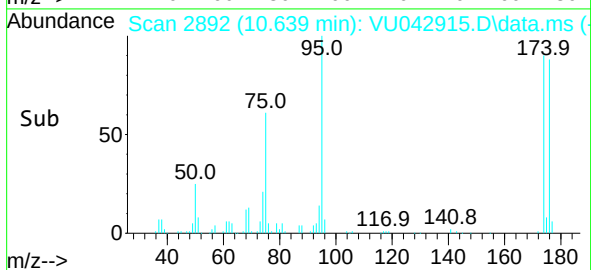
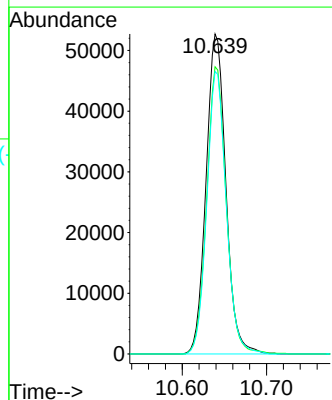
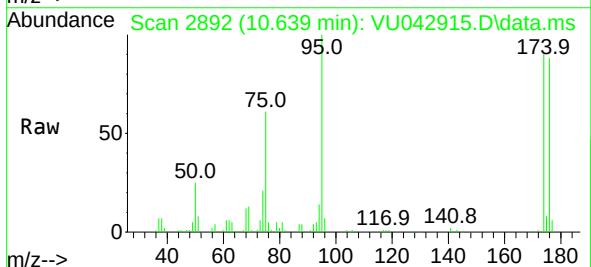
Instrument :
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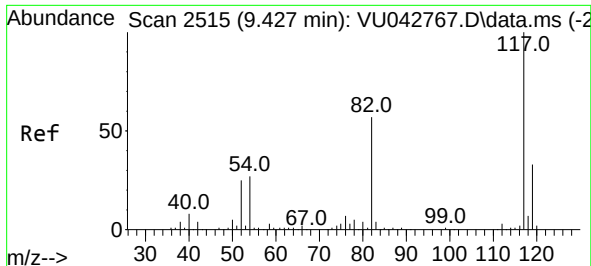
Tgt Ion: 98 Resp: 234500
Ion Ratio Lower Upper
98 100
100 63.5 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 45.69 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.000 min
Lab File: VU042915.D
Acq: 02 Apr 2021 22:53

Tgt Ion: 95 Resp: 86122
Ion Ratio Lower Upper
95 100
174 88.7 0.0 175.2
176 86.5 0.0 167.4

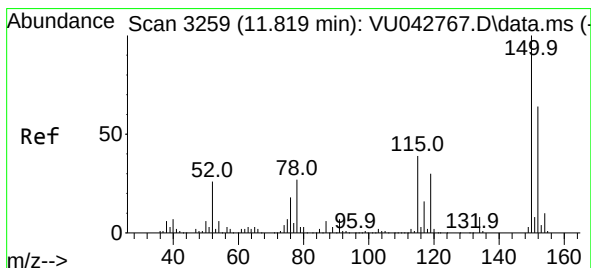
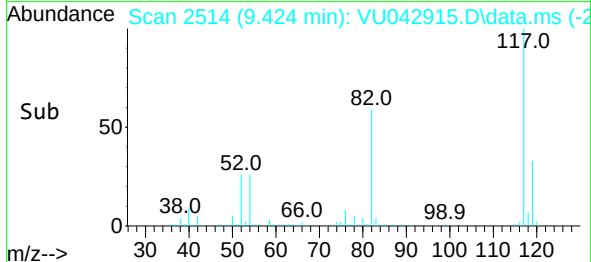
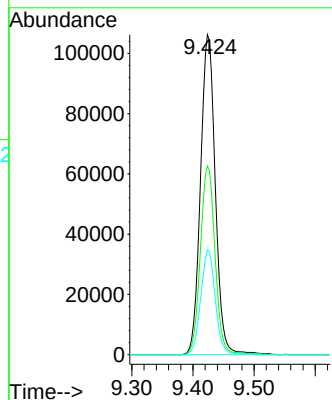
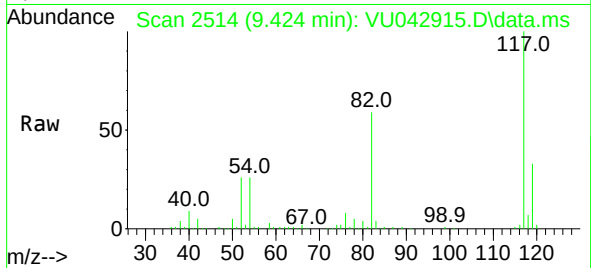




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.424 min Scan# 2514
Delta R.T. -0.003 min
Lab File: VU042915.D
Acq: 02 Apr 2021 22:53

Instrument :
MSVOA_U
ClientSampleId :
BES-13SR

Tgt Ion:117 Resp: 179094
Ion Ratio Lower Upper
117 100
82 59.0 45.5 68.3
119 32.7 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. 0.000 min
Lab File: VU042915.D
Acq: 02 Apr 2021 22:53

Tgt Ion:152 Resp: 89304
Ion Ratio Lower Upper
152 100
115 58.4 41.0 123.0
150 155.1 0.0 341.0

