

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111021\
 Data File : VU045694.D
 Acq On : 10 Nov 2021 17:40
 Operator : SY/MD
 Sample : M4540-07
 Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_U/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-4

Quant Time: Nov 10 18:02:03 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	5.369	168	136606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	254419	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.424	117	257104	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	131995	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	107233	52.415	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.840%
35) Dibromofluoromethane	5.289	113	81940	48.239	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.480%
50) Toluene-d8	7.899	98	324552	51.383	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.760%
62) 4-Bromofluorobenzene	10.639	95	128474	50.724	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.440%

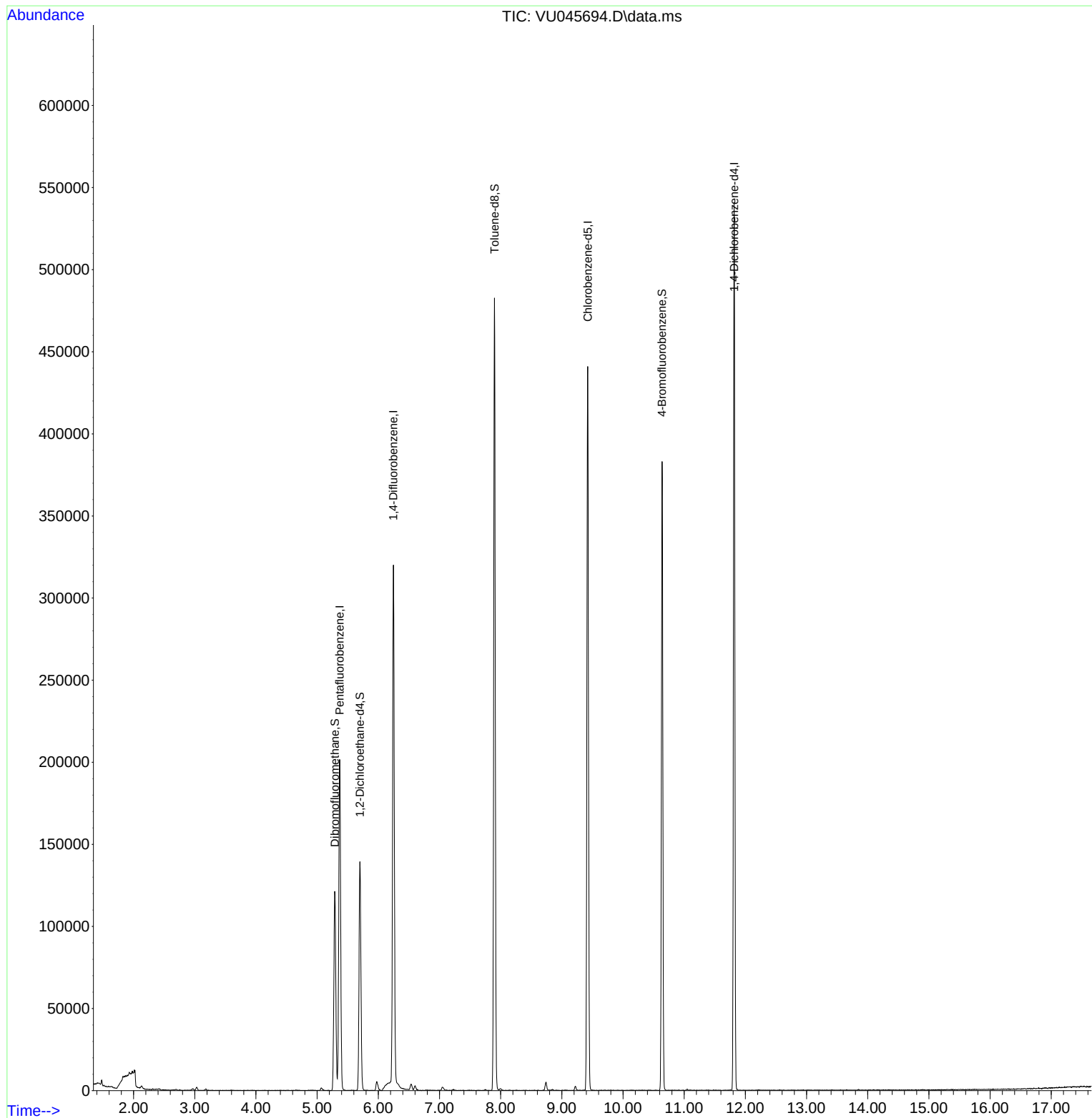
Target Compounds	Qvalue

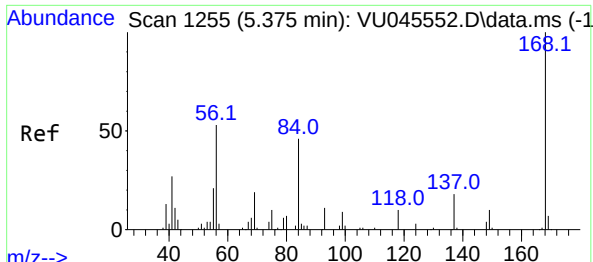
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.369 min Scan# 11

Delta R.T. -0.006 min

Lab File: VU045694.D

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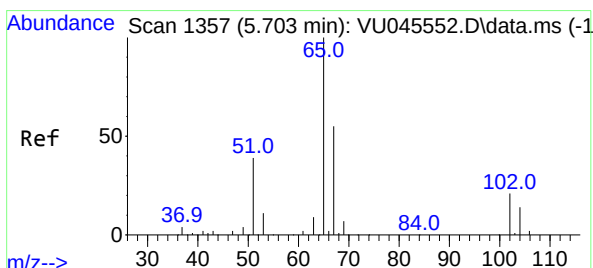
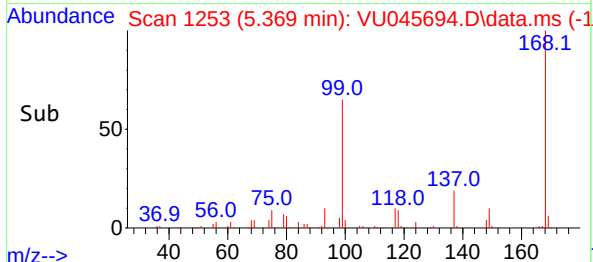
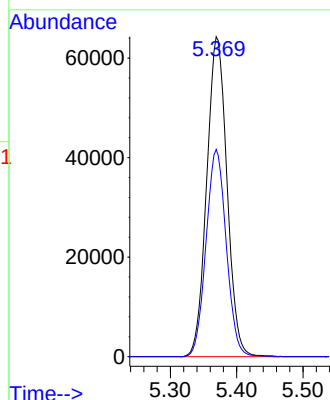
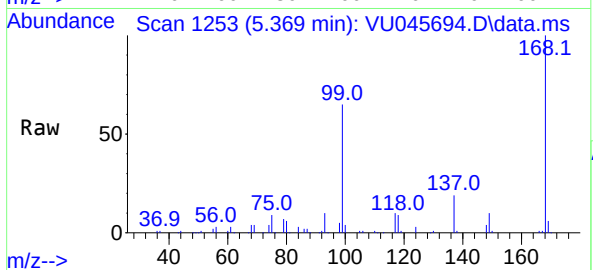
TP-4

Tgt Ion:168 Resp: 136606

Ion Ratio Lower Upper

168 100

99 64.8 51.0 76.6



1,2-Dichloroethane-d4

Concen: 52.415 ug/l

RT: 5.700 min Scan# 1356

Delta R.T. -0.003 min

Lab File: VU045694.D

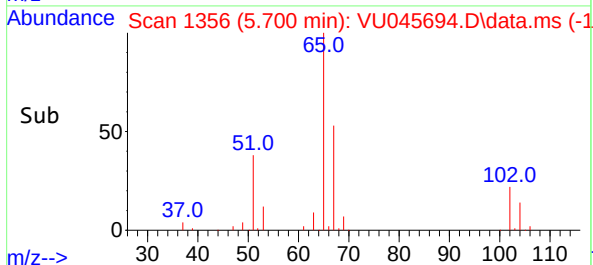
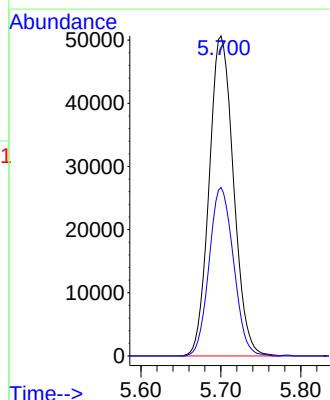
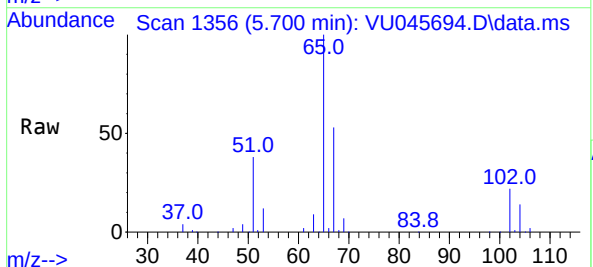
Acq: 10 Nov 2021 17:40

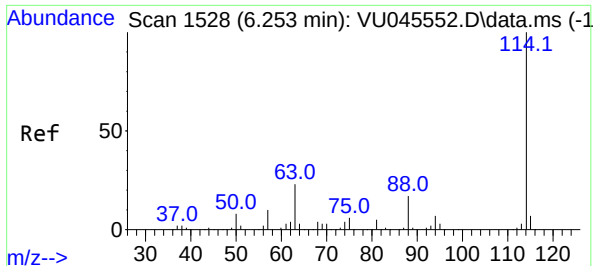
Tgt Ion: 65 Resp: 107233

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.8

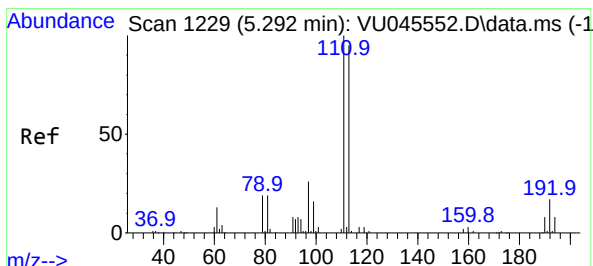
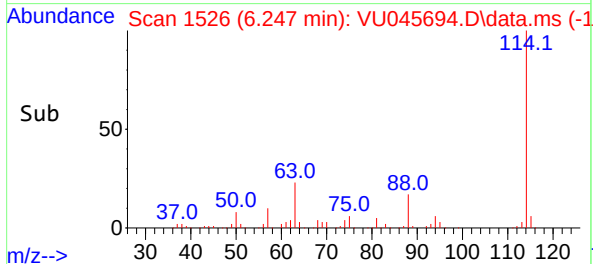
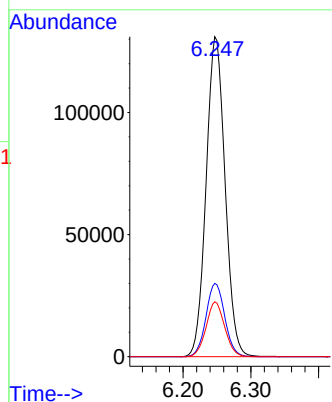
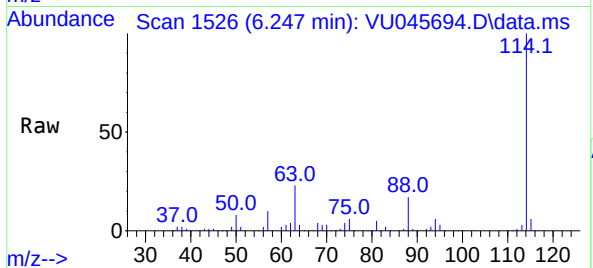




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.247 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU045694.D
Acq: 10 Nov 2021 17:40

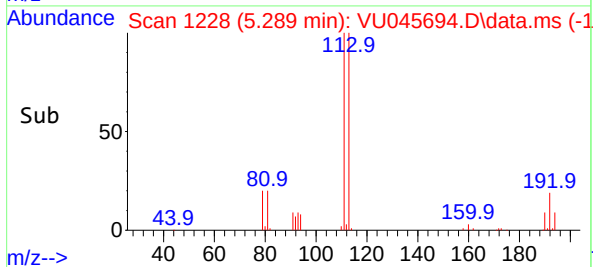
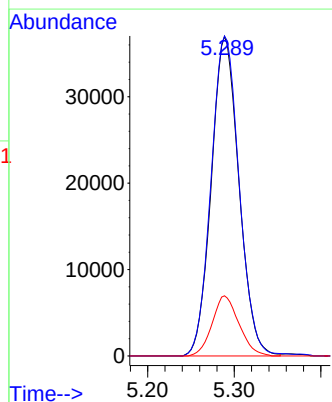
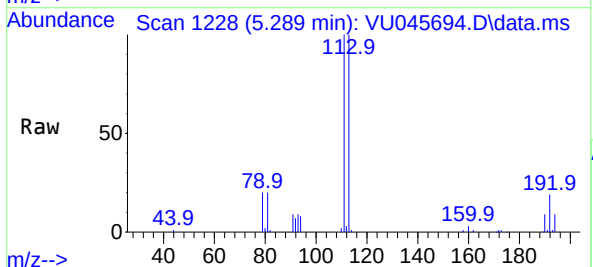
Instrument :
MSVOA_U
ClientSampleId :
TP-4

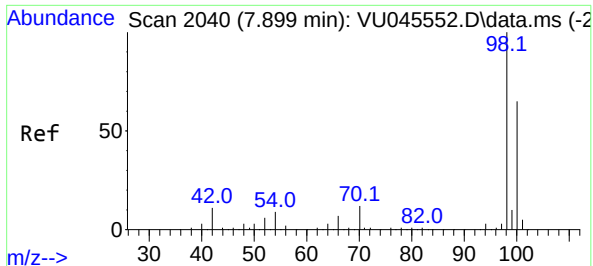
Tgt Ion:114 Resp: 254419
Ion Ratio Lower Upper
114 100
63 22.9 0.0 45.6
88 17.1 0.0 33.8



#35
Dibromofluoromethane
Concen: 48.239 ug/l
RT: 5.289 min Scan# 1228
Delta R.T. -0.003 min
Lab File: VU045694.D
Acq: 10 Nov 2021 17:40

Tgt Ion:113 Resp: 81940
Ion Ratio Lower Upper
113 100
111 102.0 82.8 124.2
192 18.3 14.8 22.2





#50

Toluene-d8

Concen: 51.383 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VU045694.D

Acq: 10 Nov 2021 17:40

Instrument :

MSVOA_U

ClientSampleId :

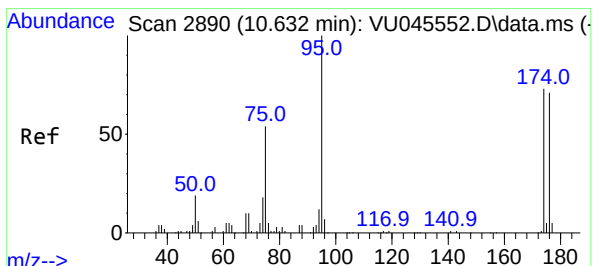
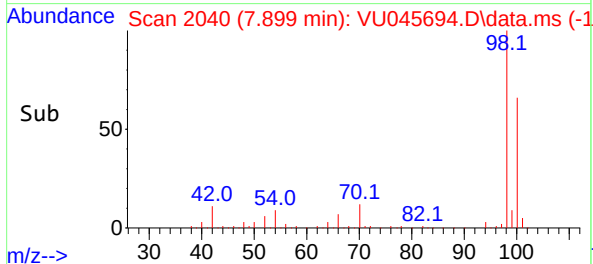
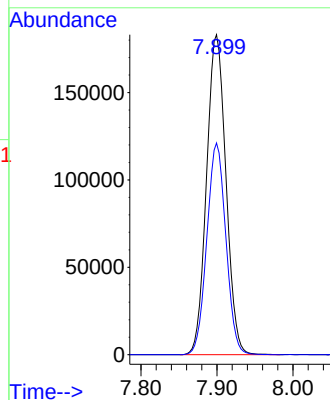
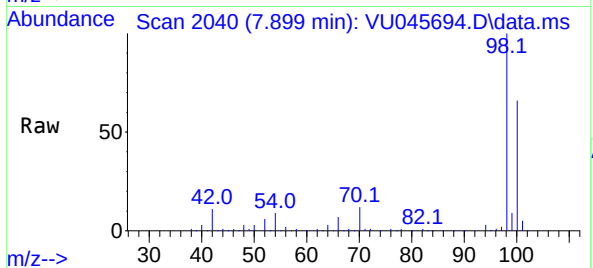
TP-4

Tgt Ion: 98 Resp: 324552

Ion Ratio Lower Upper

98 100

100 64.9 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 50.724 ug/l

RT: 10.639 min Scan# 2892

Delta R.T. 0.007 min

Lab File: VU045694.D

Acq: 10 Nov 2021 17:40

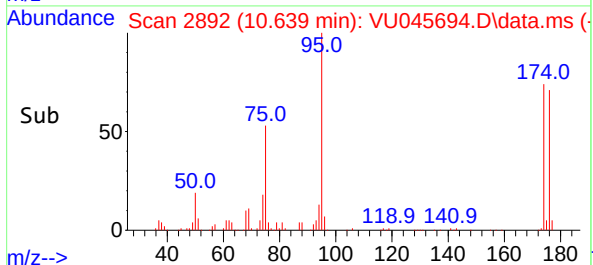
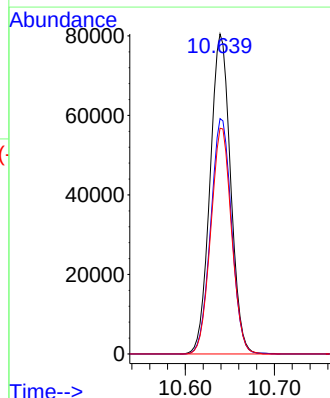
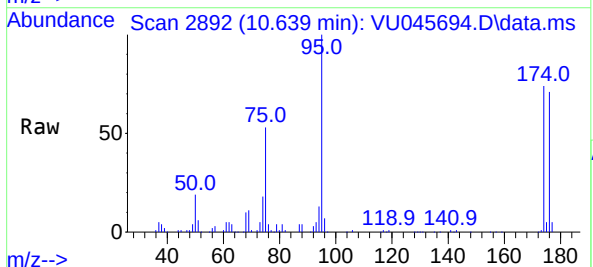
Tgt Ion: 95 Resp: 128474

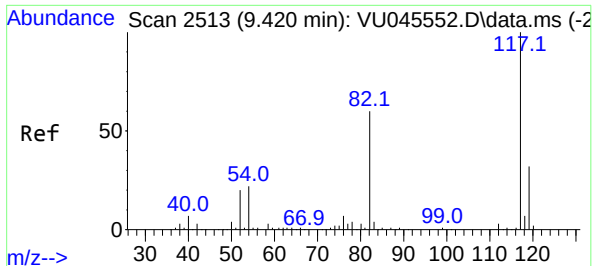
Ion Ratio Lower Upper

95 100

174 74.9 0.0 141.8

176 71.4 0.0 138.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.424 min Scan# 21

Delta R.T. 0.004 min

Lab File: VU045694.D

Acq: 10 Nov 2021 17:40

Instrument :

MSVOA_U

ClientSampleId :

TP-4

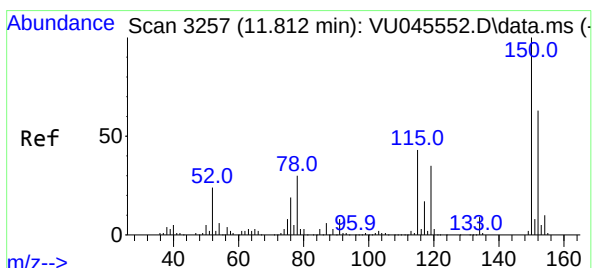
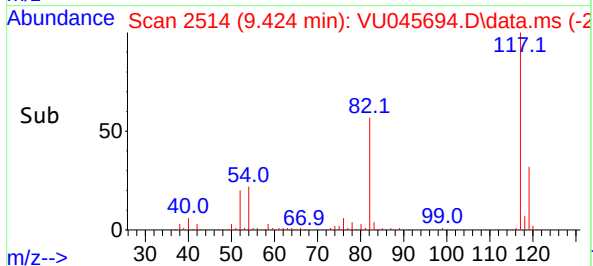
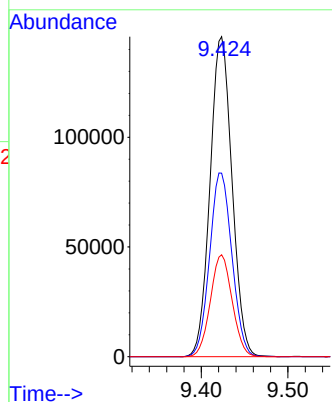
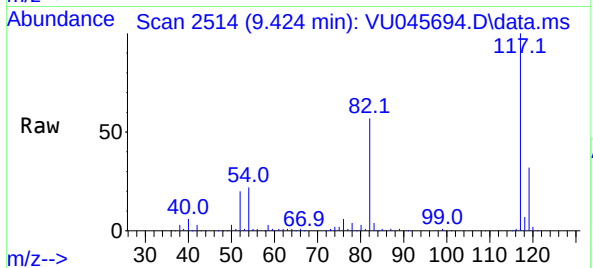
Tgt Ion:117 Resp: 257104

Ion Ratio Lower Upper

117 100

82 57.3 47.8 71.8

119 31.9 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.816 min Scan# 3258

Delta R.T. 0.003 min

Lab File: VU045694.D

Acq: 10 Nov 2021 17:40

Tgt Ion:152 Resp: 131995

Ion Ratio Lower Upper

152 100

115 62.5 42.7 128.1

150 158.7 0.0 346.8

