

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051624\
 Data File : VD078947.D
 Acq On : 16 May 2024 15:55
 Operator : RP/MD
 Sample : P2486-01
 Misc : 5.02G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WCS-TPK

Quant Time: May 17 06:10:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 06:21:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	106036	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	236275	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	238570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	104869	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	60363	60.690	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.380%
35) Dibromofluoromethane	7.810	113	80859	51.411	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.820%
50) Toluene-d8	10.269	98	310412	52.646	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.300%
62) 4-Bromofluorobenzene	12.575	95	78126	47.166	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.340%

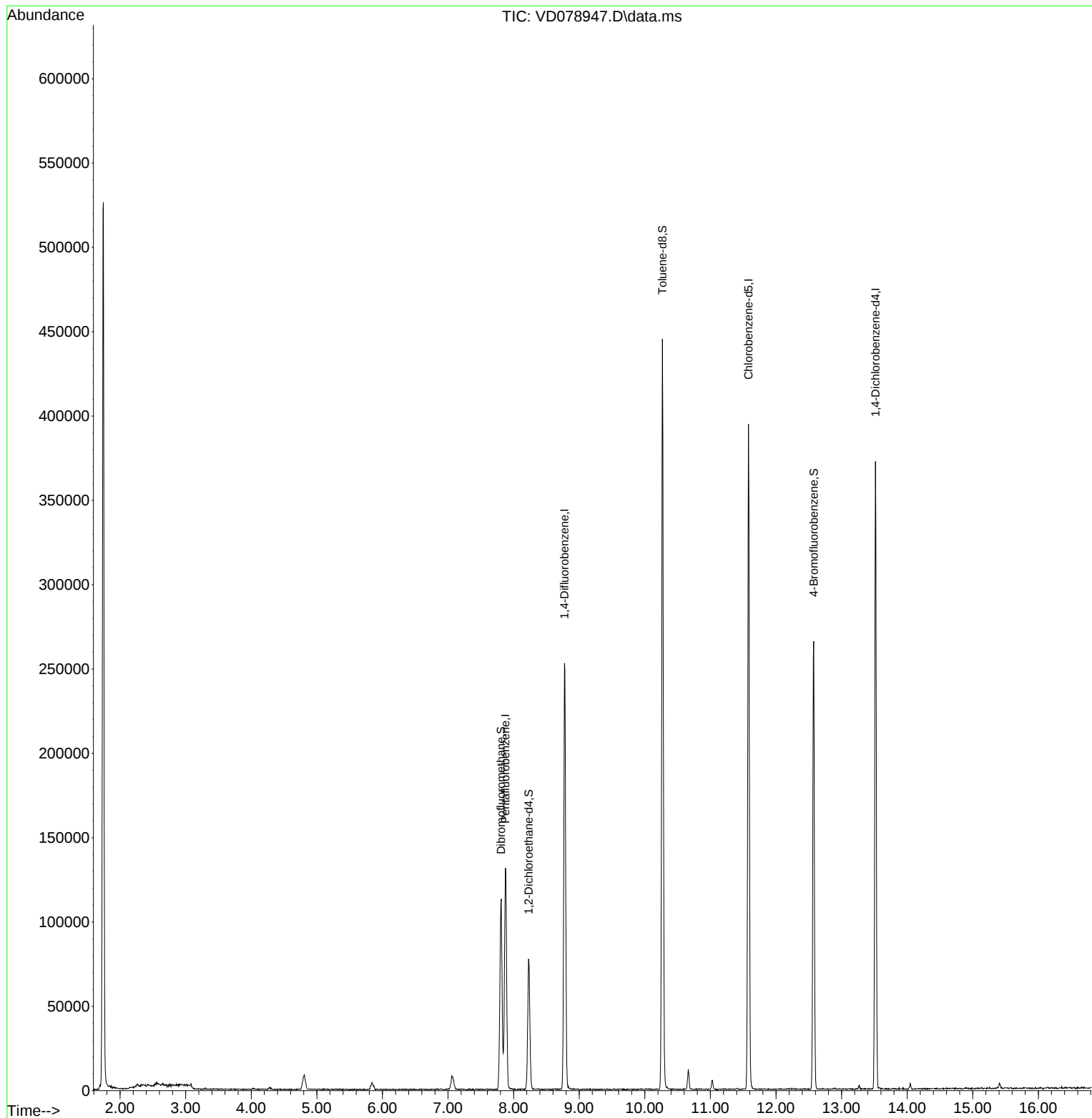
Target Compounds	Qvalue

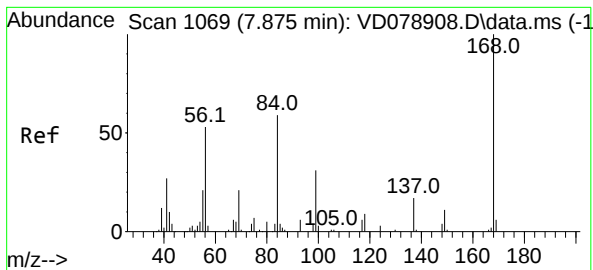
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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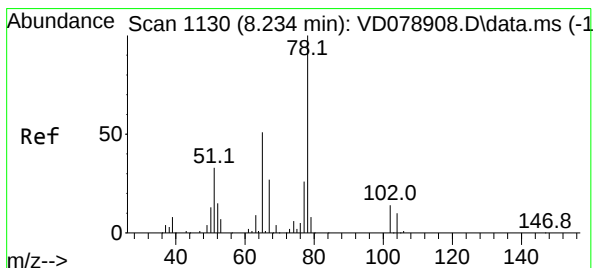
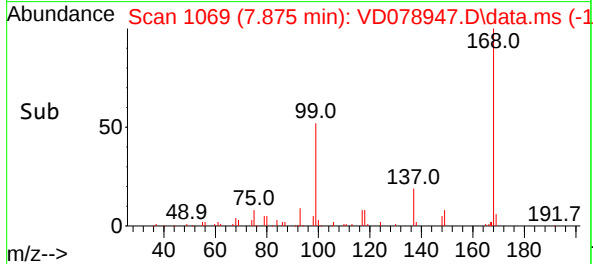
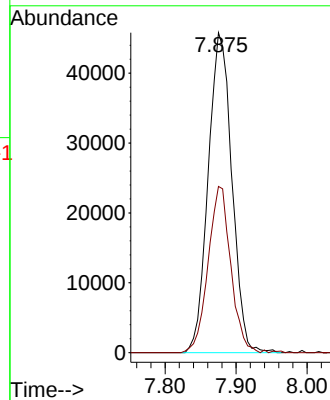
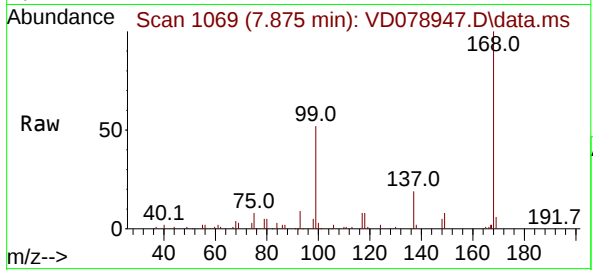




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD078947.D
Acq: 16 May 2024 15:55

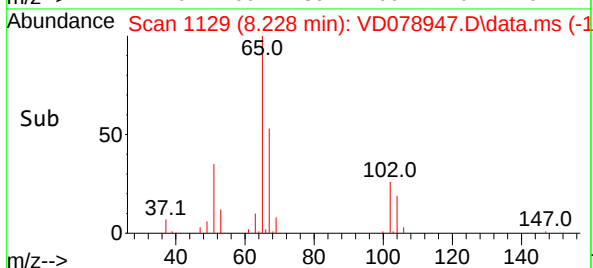
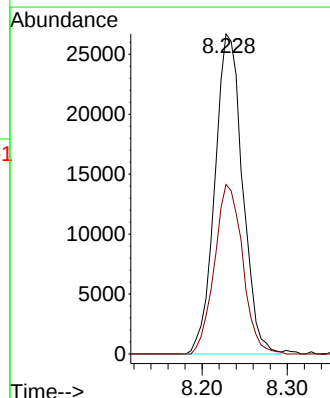
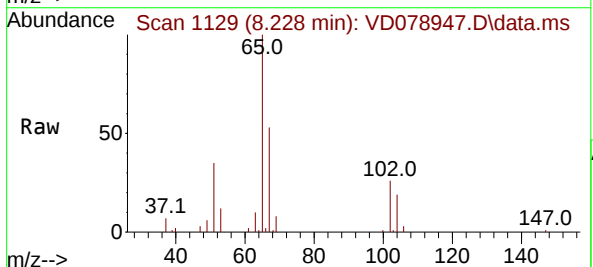
Instrument :
MSVOA_D
ClientSampleId :
WCS-TPK

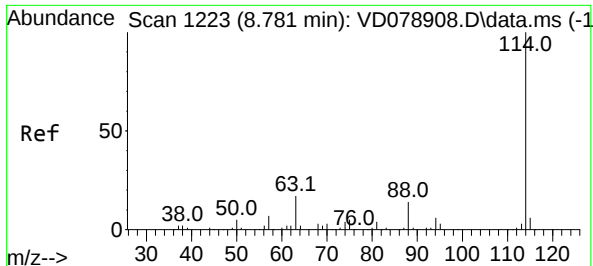
Tgt Ion:168 Resp: 106036
Ion Ratio Lower Upper
168 100
99 52.0 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 60.690 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.005 min
Lab File: VD078947.D
Acq: 16 May 2024 15:55

Tgt Ion: 65 Resp: 60363
Ion Ratio Lower Upper
65 100
67 53.8 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD078947.D

Acq: 16 May 2024 15:55

Instrument :

MSVOA_D

ClientSampleId :

WCS-TPK

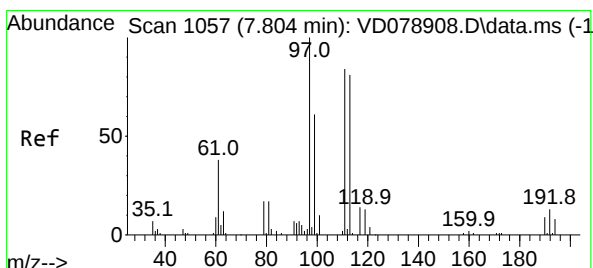
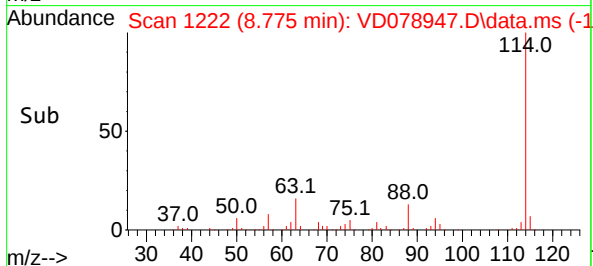
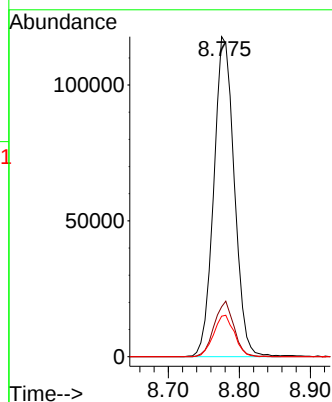
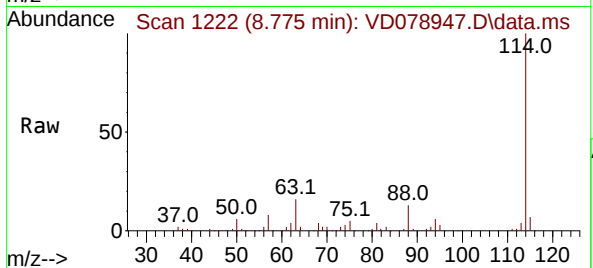
Tgt Ion:114 Resp: 236275

Ion Ratio Lower Upper

114 100

63 15.6 0.0 34.0

88 12.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.411 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078947.D

Acq: 16 May 2024 15:55

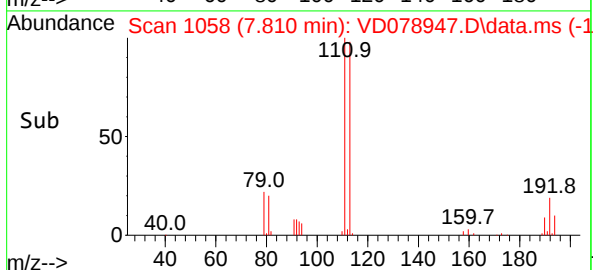
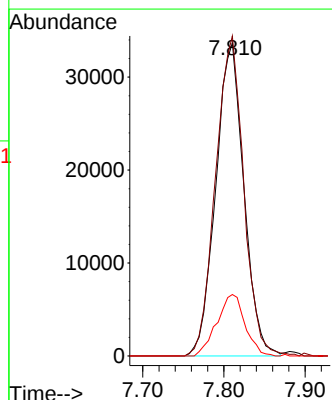
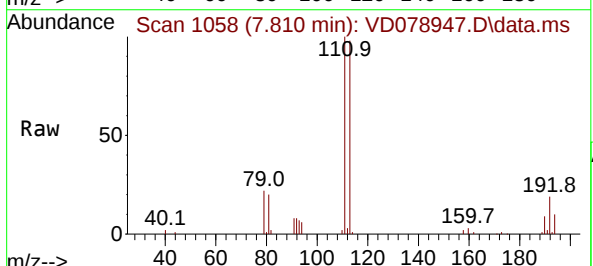
Tgt Ion:113 Resp: 80859

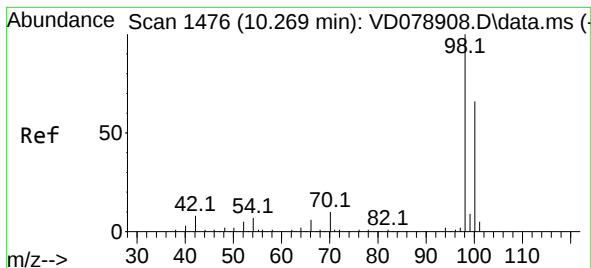
Ion Ratio Lower Upper

113 100

111 102.4 84.0 126.0

192 19.7 15.4 23.0





#50

Toluene-d8

Concen: 52.646 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078947.D

Acq: 16 May 2024 15:55

Instrument :

MSVOA_D

ClientSampleId :

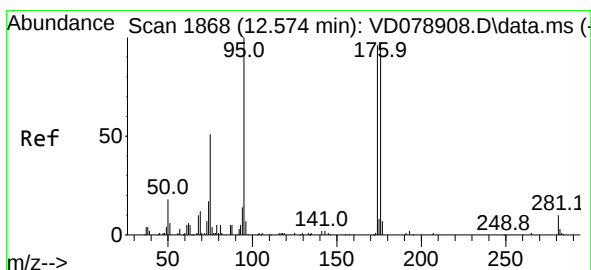
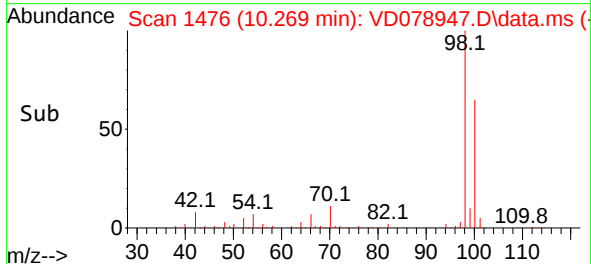
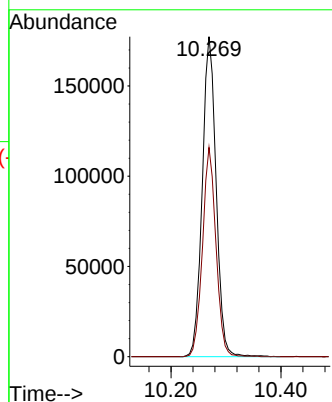
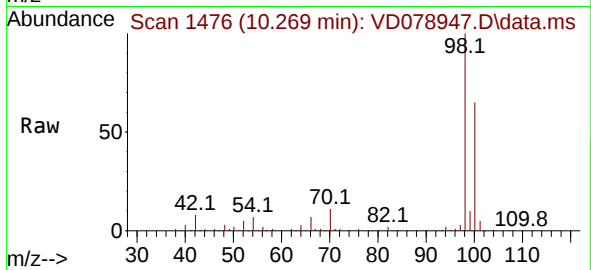
WCS-TPK

Tgt Ion: 98 Resp: 310412

Ion Ratio Lower Upper

98 100

100 63.6 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 47.166 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD078947.D

Acq: 16 May 2024 15:55

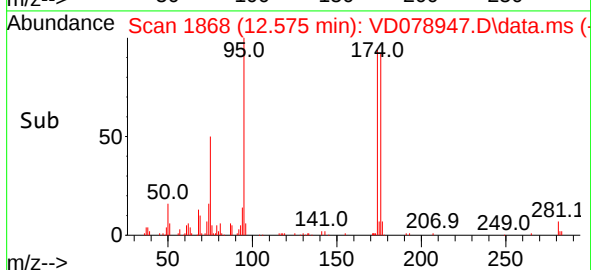
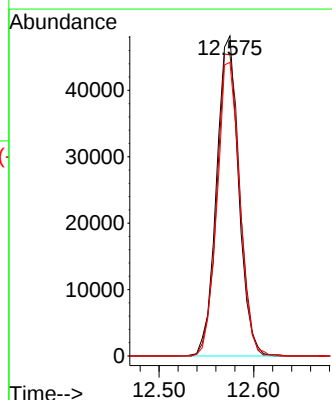
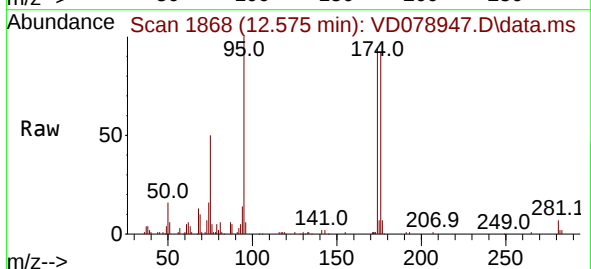
Tgt Ion: 95 Resp: 78126

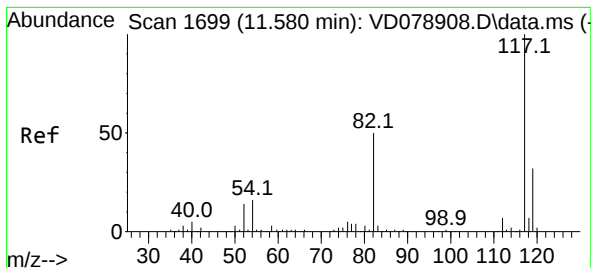
Ion Ratio Lower Upper

95 100

174 98.6 0.0 195.4

176 94.0 0.0 192.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078947.D

Acq: 16 May 2024 15:55

Instrument :

MSVOA_D

ClientSampleId :

WCS-TPK

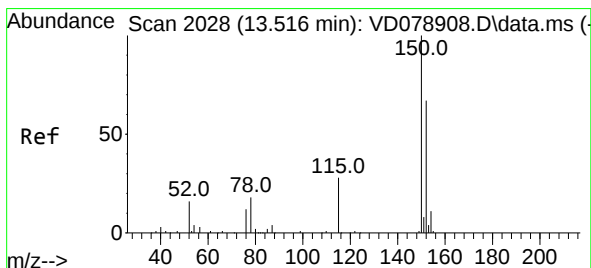
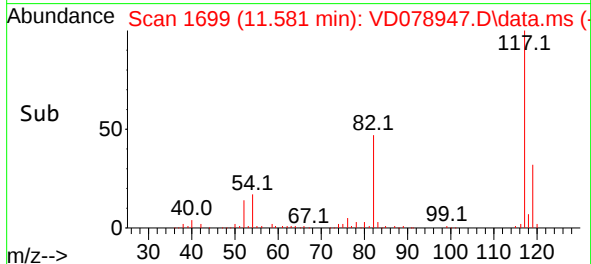
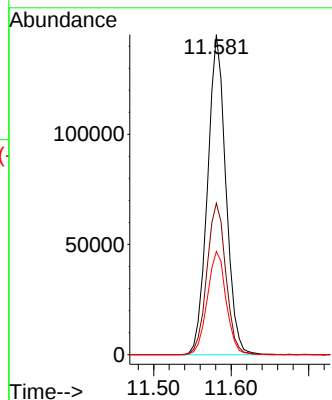
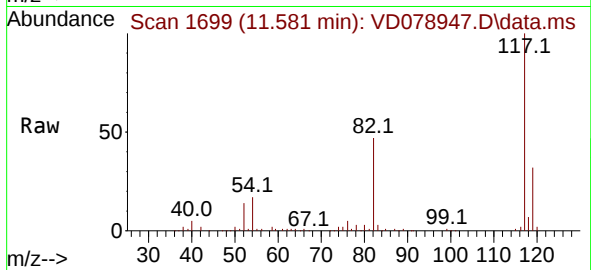
Tgt Ion:117 Resp: 238570

Ion Ratio Lower Upper

117 100

82 47.3 39.8 59.6

119 32.3 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VD078947.D

Acq: 16 May 2024 15:55

Tgt Ion:152 Resp: 104869

Ion Ratio Lower Upper

152 100

115 53.9 26.5 79.5

150 155.5 0.0 341.6

