

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032824\
 Data File : VD078786.D
 Acq On : 28 Mar 2024 20:37
 Operator : RP/MD
 Sample : P1879-12
 Misc : 3.63G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HS-04(0-6)

Quant Time: Mar 29 01:39:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	136585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	256602	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	224905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	83239	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	61693	48.197	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.400%
35) Dibromofluoromethane	7.805	113	77528	46.926	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.860%
50) Toluene-d8	10.269	98	312599	51.448	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.900%
62) 4-Bromofluorobenzene	12.575	95	70190	39.486	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.980%

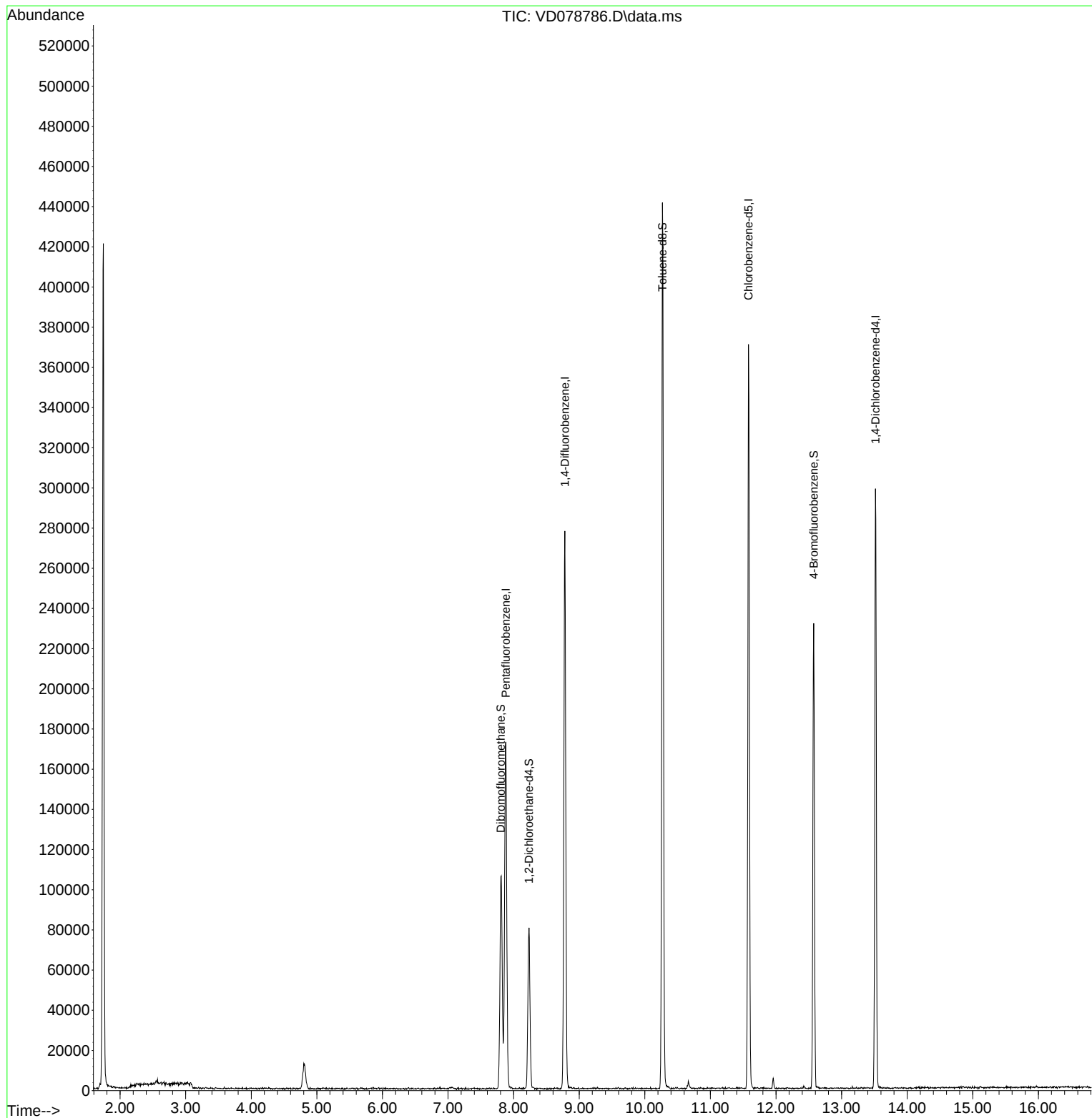
Target Compounds	Qvalue

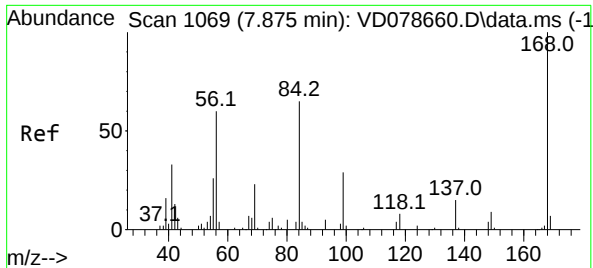
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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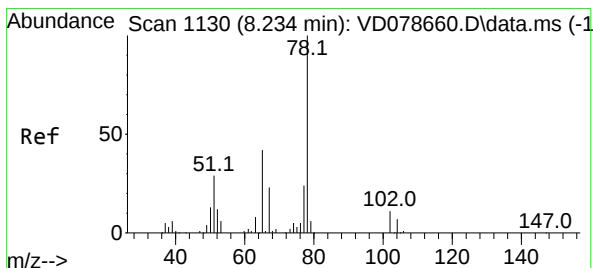
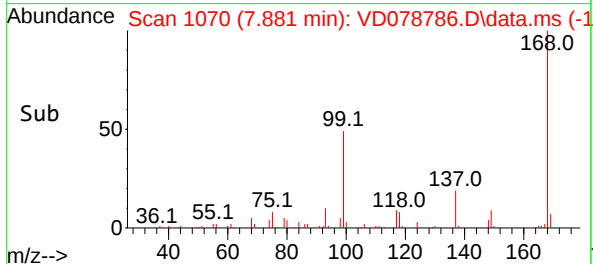
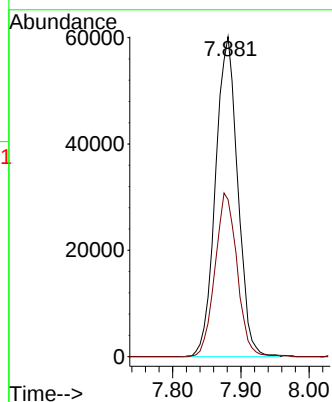
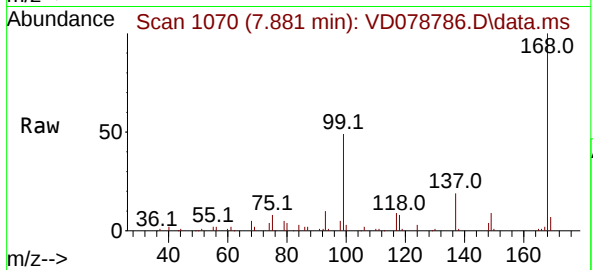




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD078786.D
Acq: 28 Mar 2024 20:37

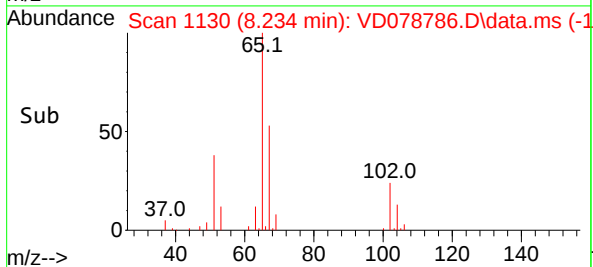
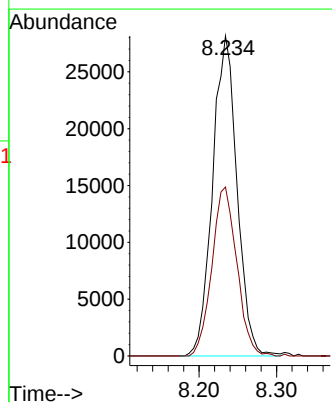
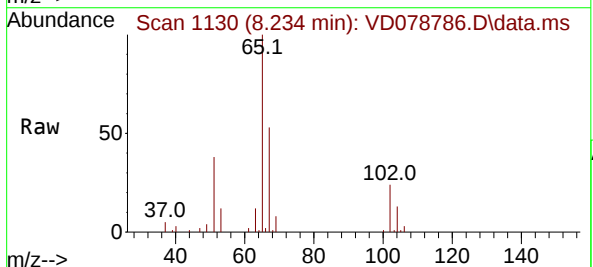
Instrument :
MSVOA_D
ClientSampleId :
HS-04(0-6)

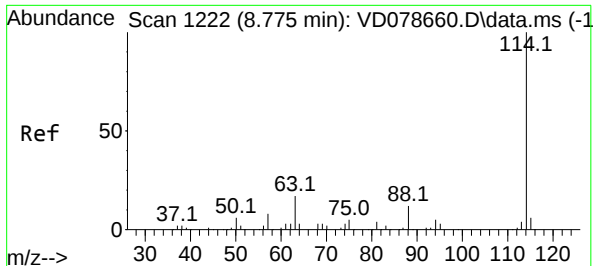
Tgt Ion:168 Resp: 136585
Ion Ratio Lower Upper
168 100
99 49.1 38.8 58.2



#33
1,2-Dichloroethane-d4
Concen: 48.197 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078786.D
Acq: 28 Mar 2024 20:37

Tgt Ion: 65 Resp: 61693
Ion Ratio Lower Upper
65 100
67 53.7 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD078786.D

Acq: 28 Mar 2024 20:37

Instrument :

MSVOA_D

ClientSampleId :

HS-04(0-6)

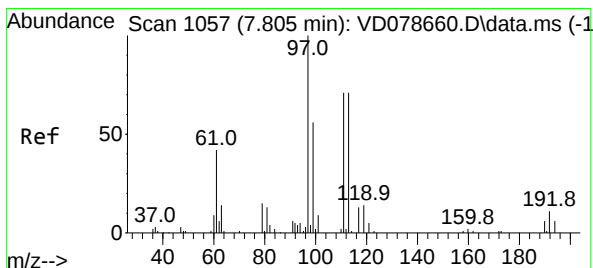
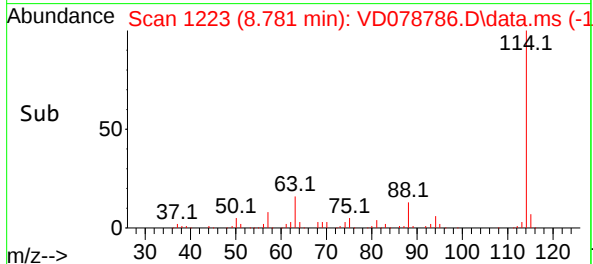
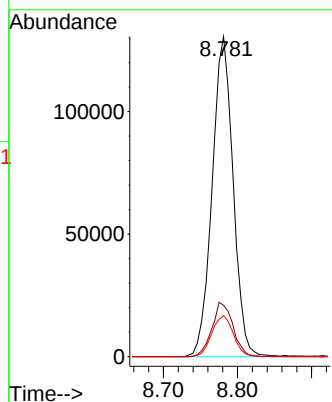
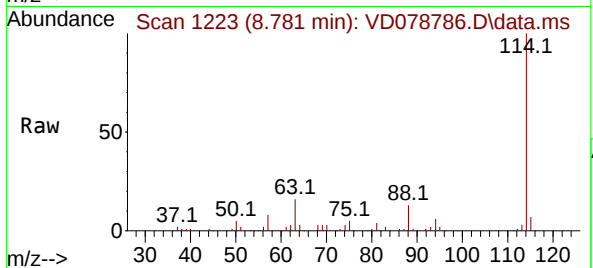
Tgt Ion:114 Resp: 256602

Ion Ratio Lower Upper

114 100

63 16.1 0.0 33.4

88 12.9 0.0 24.6



#35

Dibromofluoromethane

Concen: 46.926 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078786.D

Acq: 28 Mar 2024 20:37

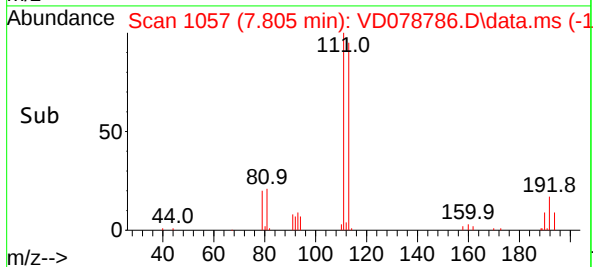
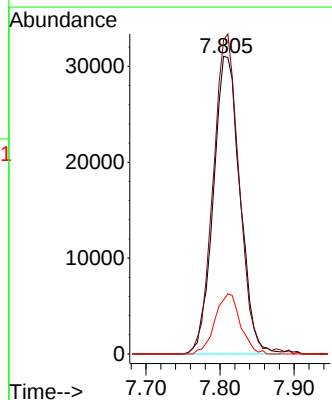
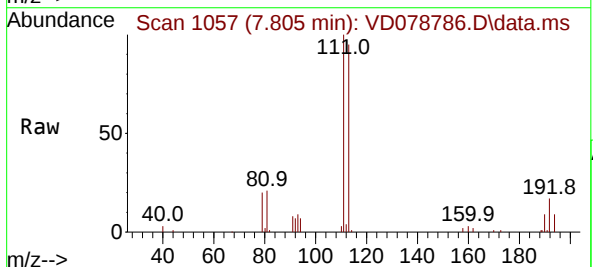
Tgt Ion:113 Resp: 77528

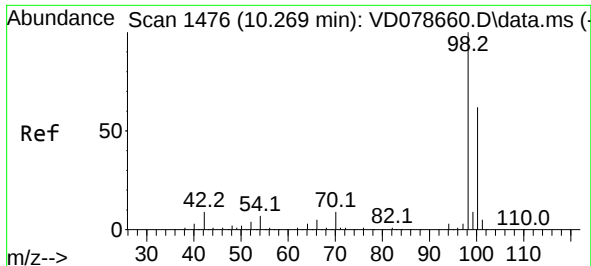
Ion Ratio Lower Upper

113 100

111 105.2 81.9 122.9

192 19.1 15.4 23.0

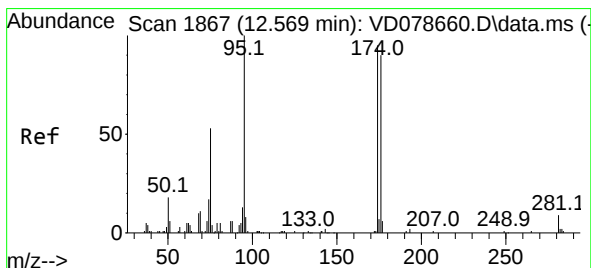
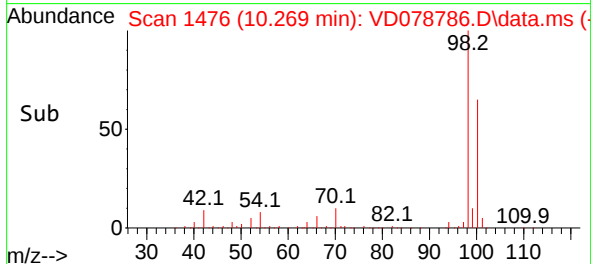
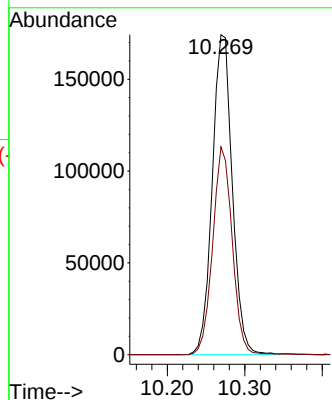
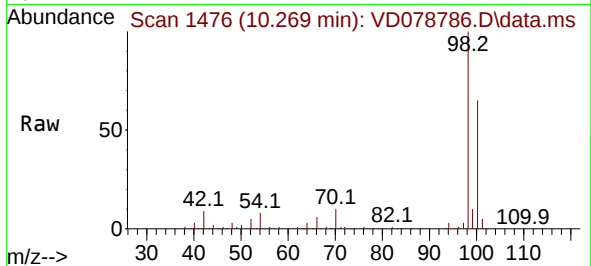




#50
Toluene-d8
Concen: 51.448 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078786.D
Acq: 28 Mar 2024 20:37

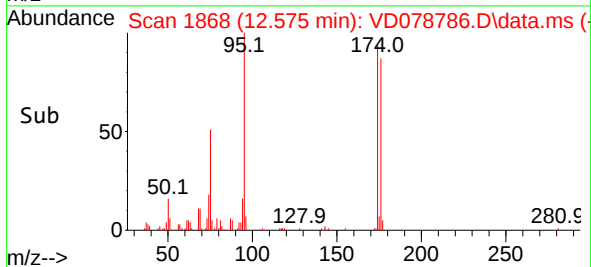
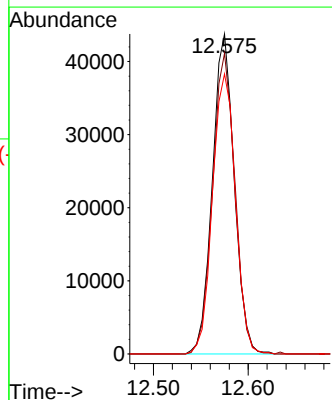
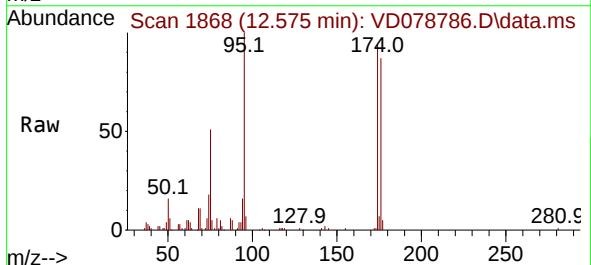
Instrument :
MSVOA_D
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HS-04(0-6)

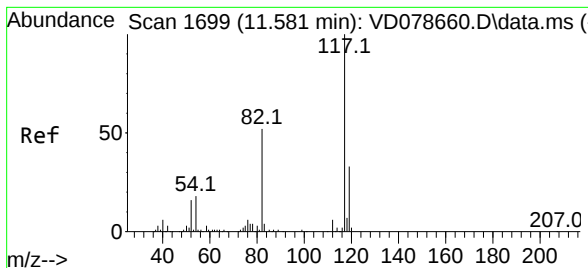
Tgt Ion: 98 Resp: 312599
Ion Ratio Lower Upper
98 100
100 63.5 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 39.486 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078786.D
Acq: 28 Mar 2024 20:37

Tgt Ion: 95 Resp: 70190
Ion Ratio Lower Upper
95 100
174 95.8 0.0 195.2
176 91.9 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078786.D

Acq: 28 Mar 2024 20:37

Instrument :

MSVOA_D

ClientSampleId :

HS-04(0-6)

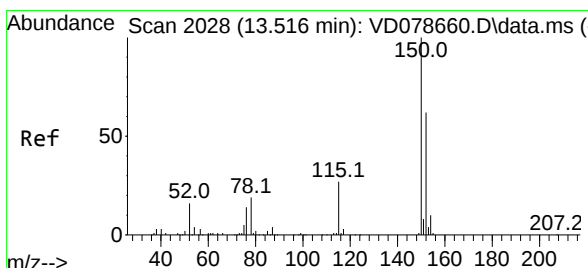
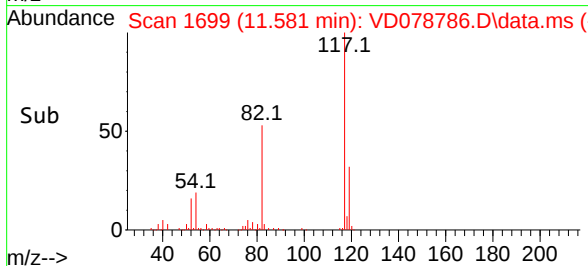
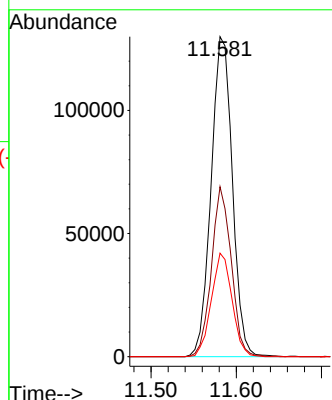
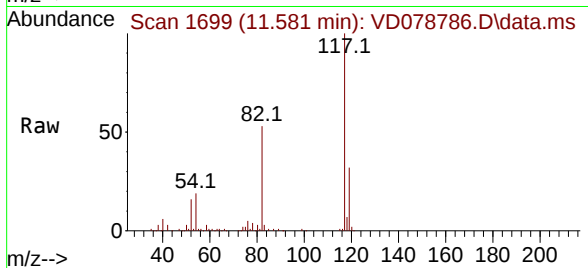
Tgt Ion:117 Resp: 224905

Ion Ratio Lower Upper

117 100

82 53.1 41.4 62.2

119 32.4 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VD078786.D

Acq: 28 Mar 2024 20:37

Tgt Ion:152 Resp: 83239

Ion Ratio Lower Upper

152 100

115 57.1 27.1 81.2

150 160.5 0.0 350.2

