

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032824\
 Data File : VD078783.D
 Acq On : 28 Mar 2024 19:14
 Operator : RP/MD
 Sample : P1879-08
 Misc : 3.97G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EB-04(2-4)

Quant Time: Mar 29 01:38:09 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	139821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	262509	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	233478	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	89853	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	66224	50.539	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.080%
35) Dibromofluoromethane	7.810	113	81012	47.932	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.860%
50) Toluene-d8	10.269	98	318712	51.274	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.540%
62) 4-Bromofluorobenzene	12.575	95	73713	40.535	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.080%

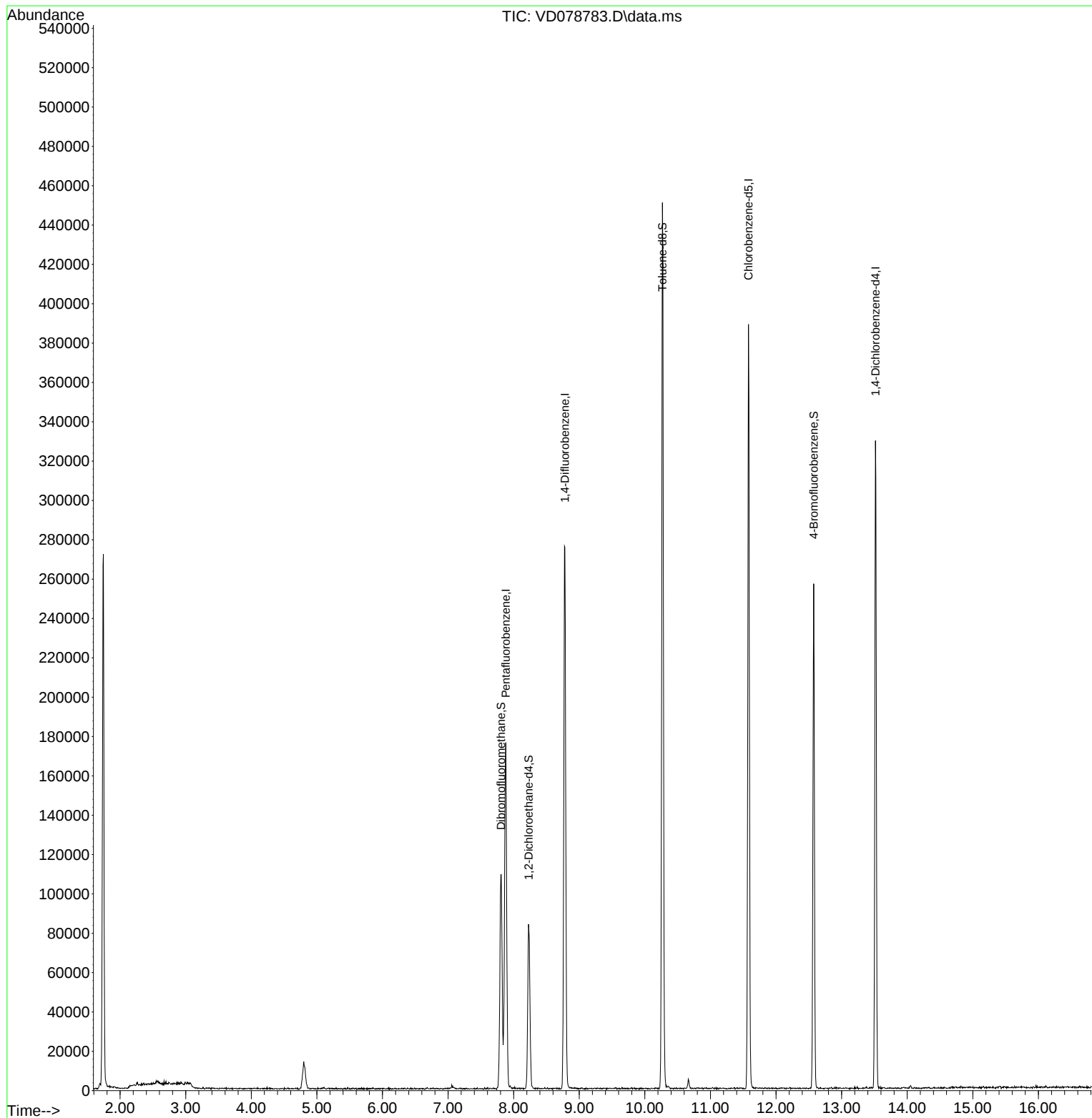
Target Compounds	Qvalue

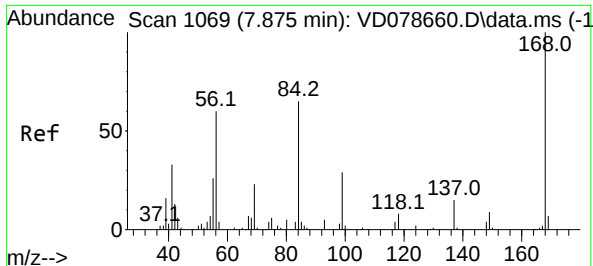
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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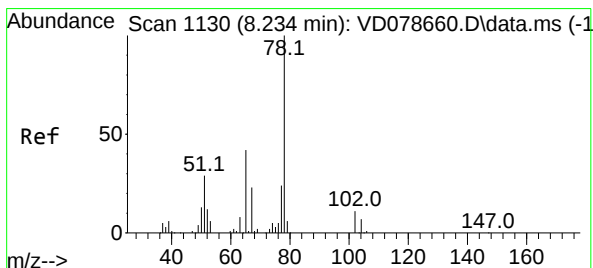
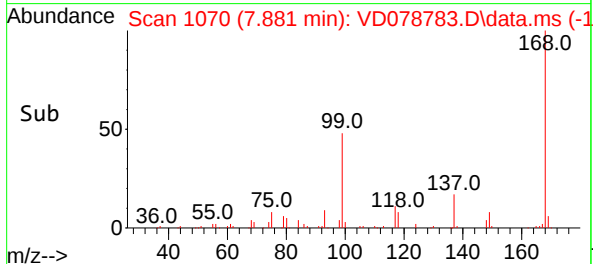
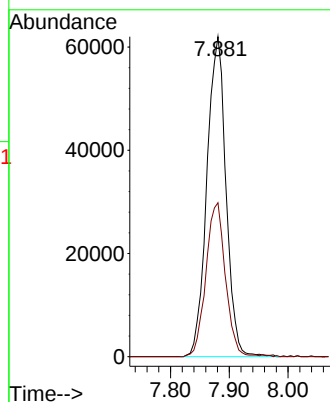
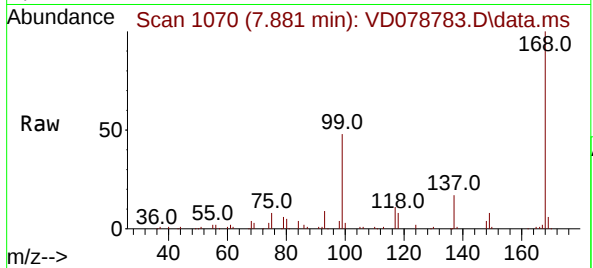




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD078783.D
Acq: 28 Mar 2024 19:14

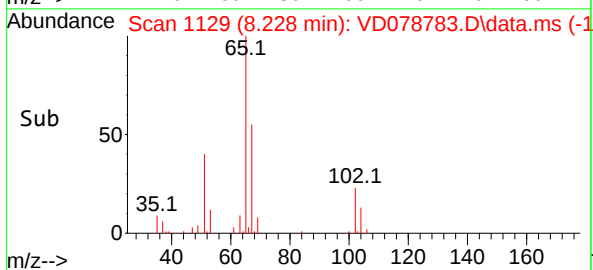
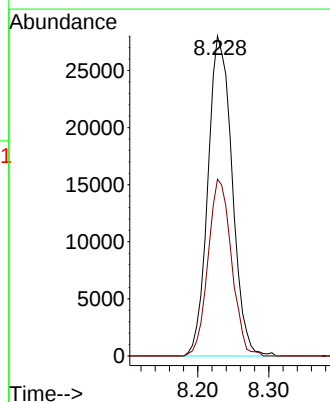
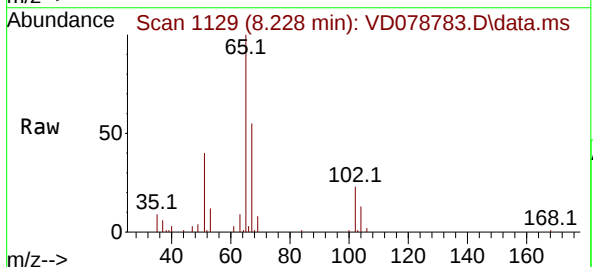
Instrument :
MSVOA_D
ClientSampleId :
EB-04(2-4)

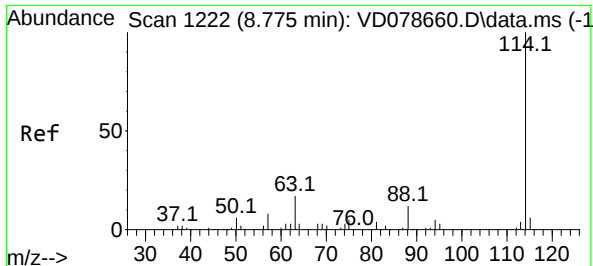
Tgt Ion:168 Resp: 139821
Ion Ratio Lower Upper
168 100
99 48.1 38.8 58.2



#33
1,2-Dichloroethane-d4
Concen: 50.539 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078783.D
Acq: 28 Mar 2024 19:14

Tgt Ion: 65 Resp: 66224
Ion Ratio Lower Upper
65 100
67 53.6 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078783.D

Acq: 28 Mar 2024 19:14

Instrument :

MSVOA_D

ClientSampleId :

EB-04(2-4)

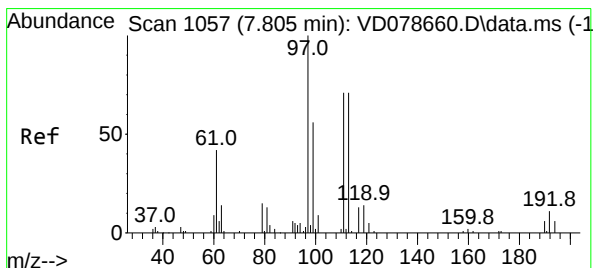
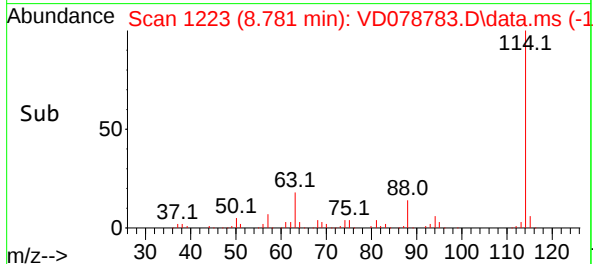
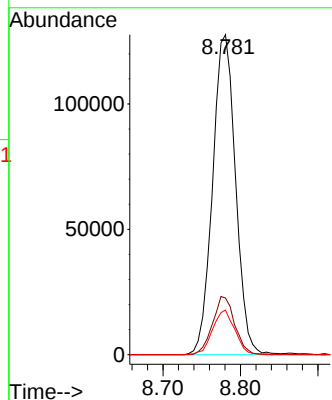
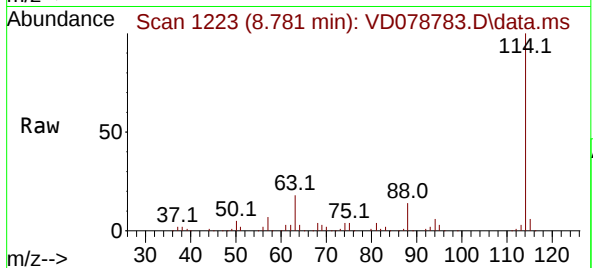
Tgt Ion:114 Resp: 262509

Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.4

88 14.0 0.0 24.6



#35

Dibromofluoromethane

Concen: 47.932 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078783.D

Acq: 28 Mar 2024 19:14

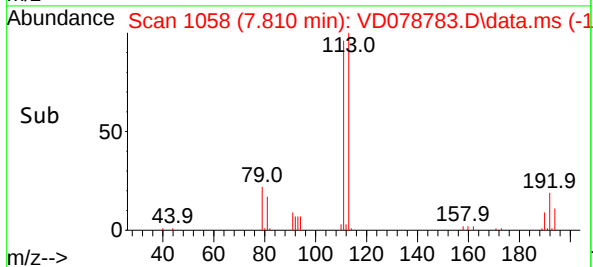
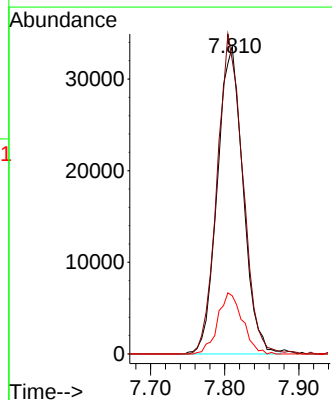
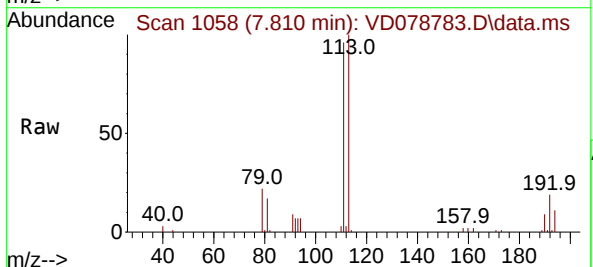
Tgt Ion:113 Resp: 81012

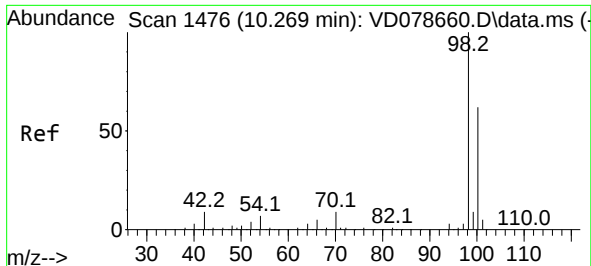
Ion Ratio Lower Upper

113 100

111 103.5 81.9 122.9

192 19.1 15.4 23.0

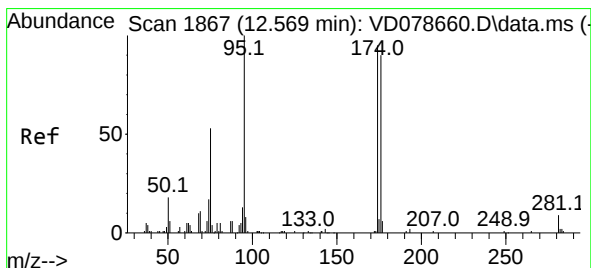
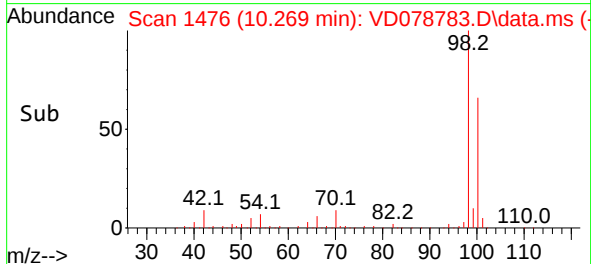
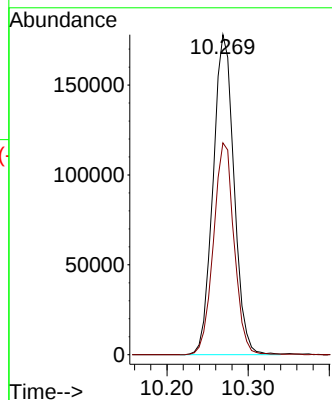
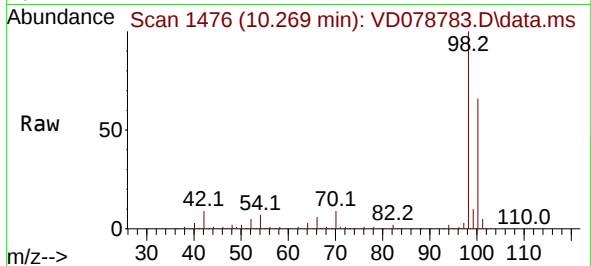




#50
Toluene-d8
Concen: 51.274 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078783.D
Acq: 28 Mar 2024 19:14

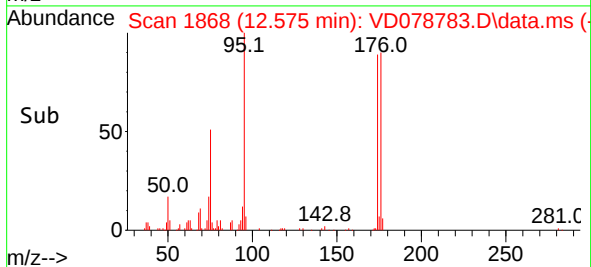
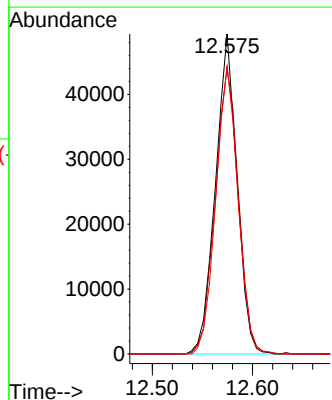
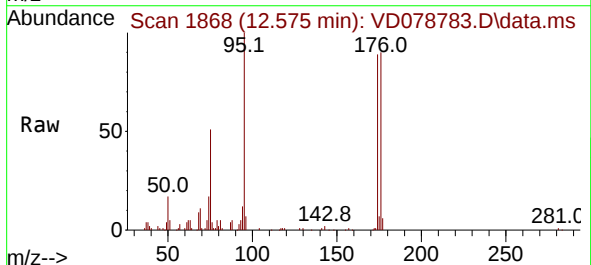
Instrument :
MSVOA_D
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EB-04(2-4)

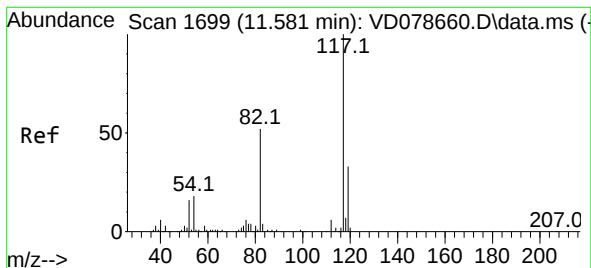
Tgt Ion: 98 Resp: 318712
Ion Ratio Lower Upper
98 100
100 65.3 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 40.535 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078783.D
Acq: 28 Mar 2024 19:14

Tgt Ion: 95 Resp: 73713
Ion Ratio Lower Upper
95 100
174 96.2 0.0 195.2
176 92.5 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.580 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078783.D

Acq: 28 Mar 2024 19:14

Instrument :

MSVOA_D

ClientSampleId :

EB-04(2-4)

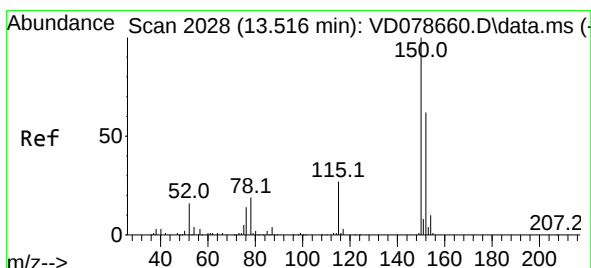
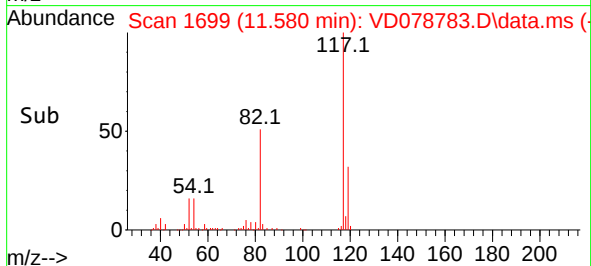
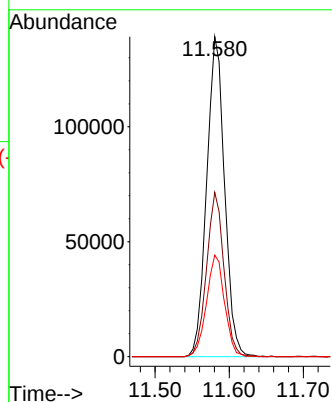
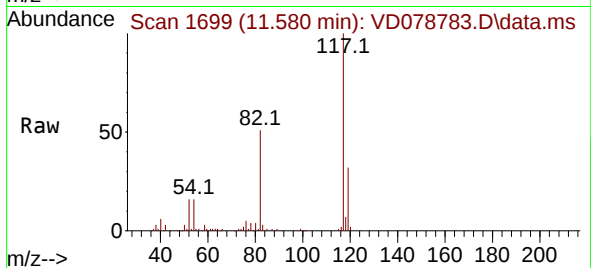
Tgt Ion:117 Resp: 233478

Ion Ratio Lower Upper

117 100

82 51.3 41.4 62.2

119 31.7 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: VD078783.D

Acq: 28 Mar 2024 19:14

Tgt Ion:152 Resp: 89853

Ion Ratio Lower Upper

152 100

115 55.7 27.1 81.2

150 162.0 0.0 350.2

