

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032224\
 Data File : VD078746.D
 Acq On : 22 Mar 2024 16:43
 Operator : RP/MD
 Sample : P1842-03
 Misc : 5.01G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-01-03222024-B

Quant Time: Mar 22 23:21:58 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	128228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	245394	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	214460	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	77934	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	57342	47.717	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.440%
35) Dibromofluoromethane	7.810	113	73016	46.214	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.420%
50) Toluene-d8	10.269	98	299436	51.532	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.060%
62) 4-Bromofluorobenzene	12.575	95	65497	38.529	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.060%

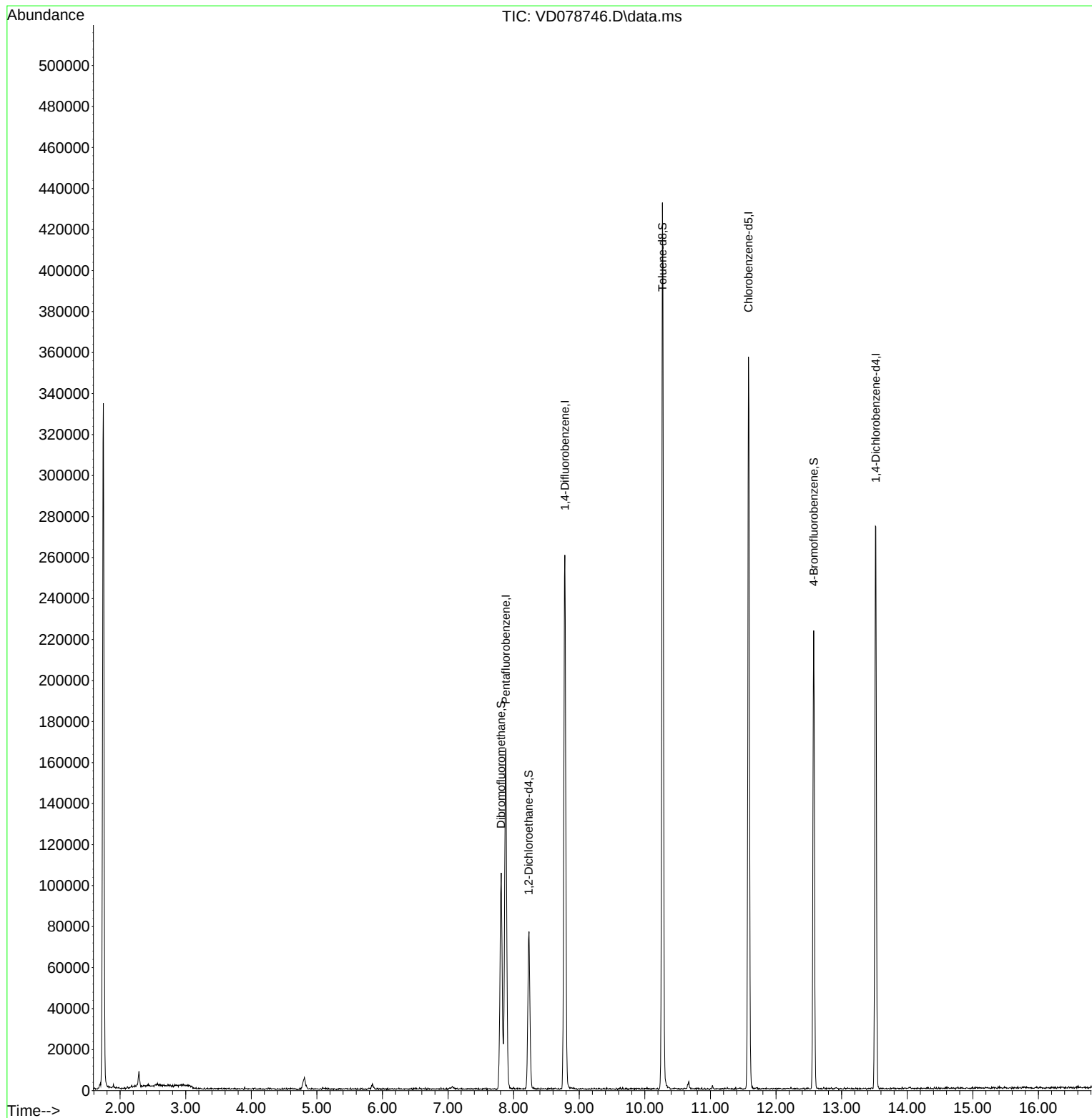
Target Compounds	Qvalue

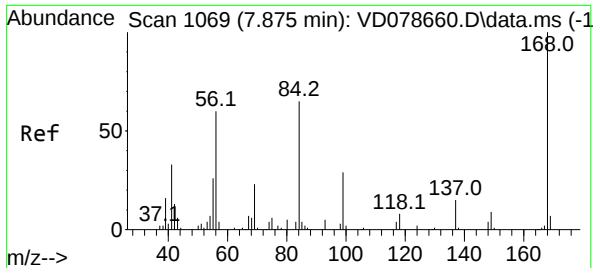
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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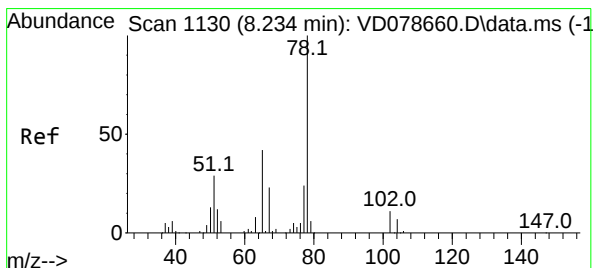
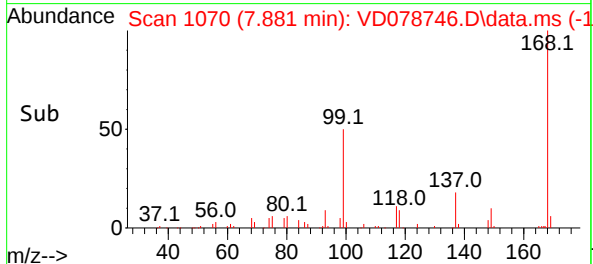
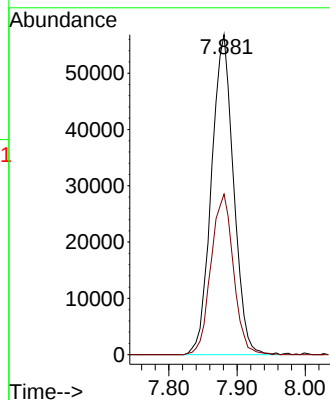
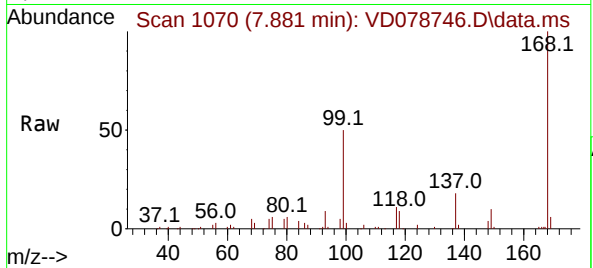




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD078746.D
Acq: 22 Mar 2024 16:43

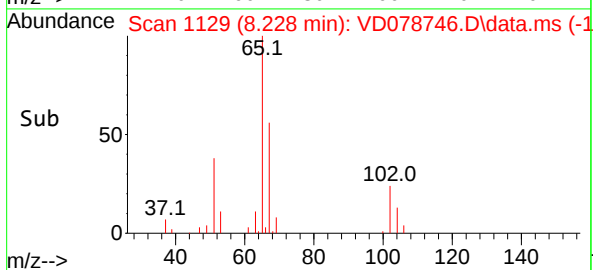
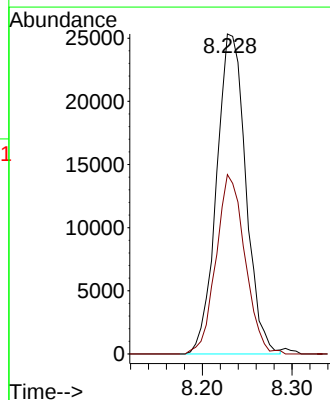
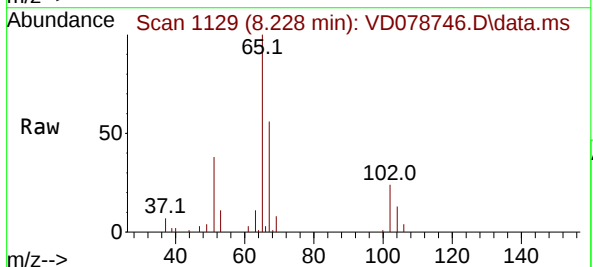
Instrument :
MSVOA_D
ClientSampleId :
EO-01-03222024-B

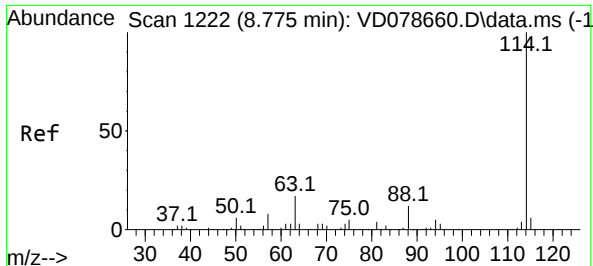
Tgt Ion:168 Resp: 128228
Ion Ratio Lower Upper
168 100
99 50.2 38.8 58.2



#33
1,2-Dichloroethane-d4
Concen: 47.717 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078746.D
Acq: 22 Mar 2024 16:43

Tgt Ion: 65 Resp: 57342
Ion Ratio Lower Upper
65 100
67 55.4 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: VD078746.D

Acq: 22 Mar 2024 16:43

Instrument :

MSVOA_D

ClientSampleId :

EO-01-03222024-B

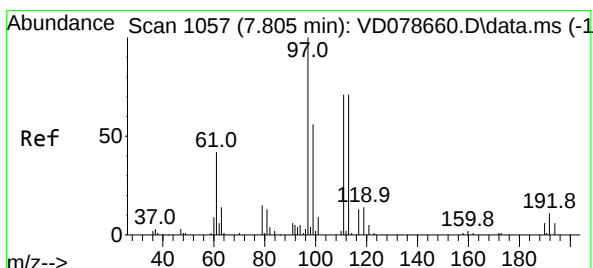
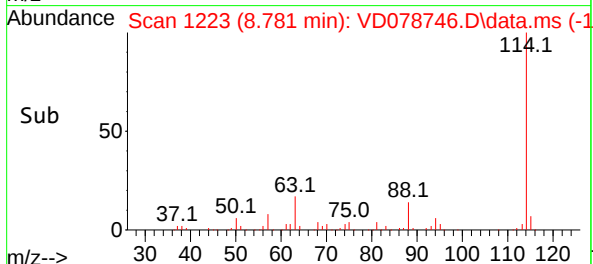
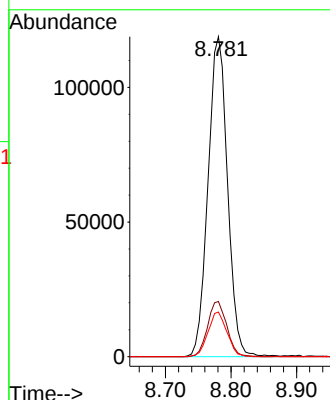
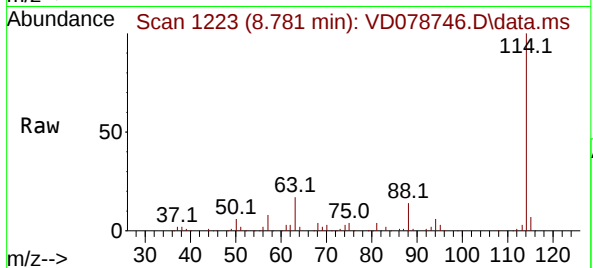
Tgt Ion:114 Resp: 245394

Ion Ratio Lower Upper

114 100

63 17.2 0.0 33.4

88 13.9 0.0 24.6



#35

Dibromofluoromethane

Concen: 46.214 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078746.D

Acq: 22 Mar 2024 16:43

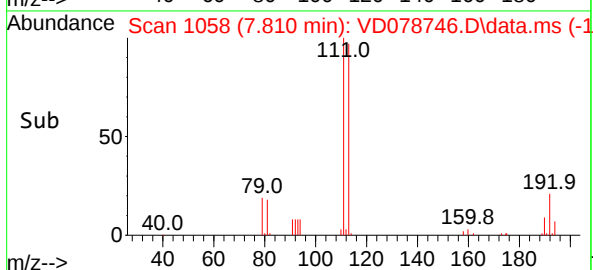
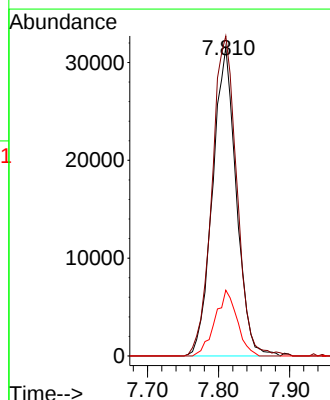
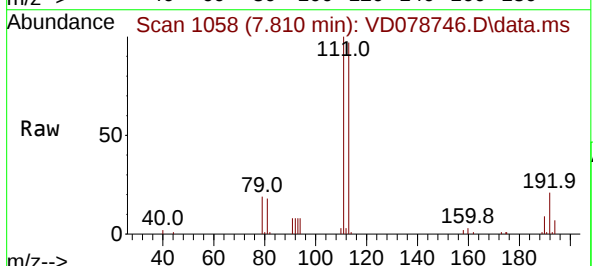
Tgt Ion:113 Resp: 73016

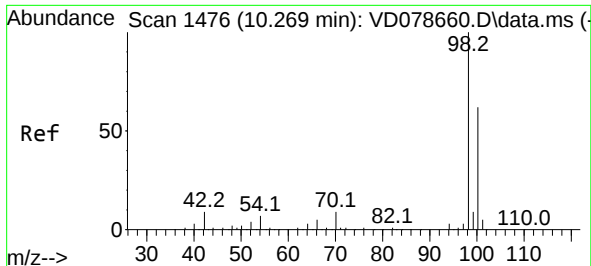
Ion Ratio Lower Upper

113 100

111 108.1 81.9 122.9

192 19.9 15.4 23.0

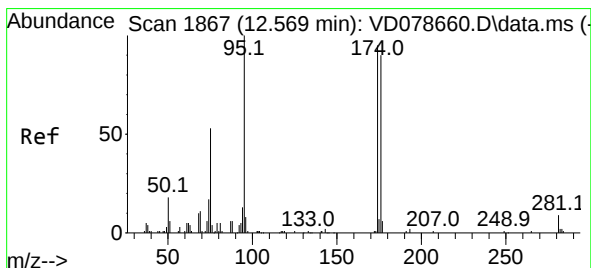
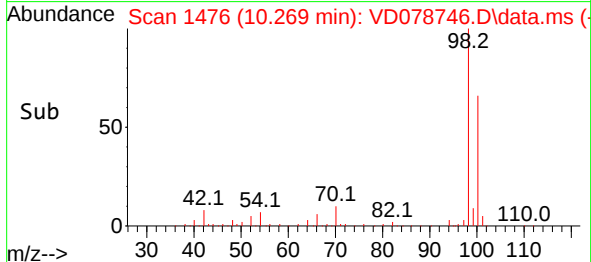
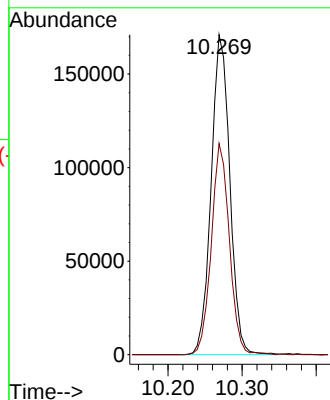
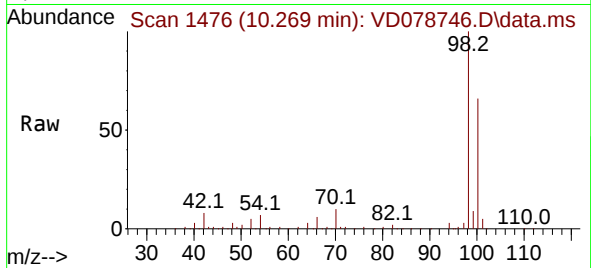




#50
Toluene-d8
Concen: 51.532 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078746.D
Acq: 22 Mar 2024 16:43

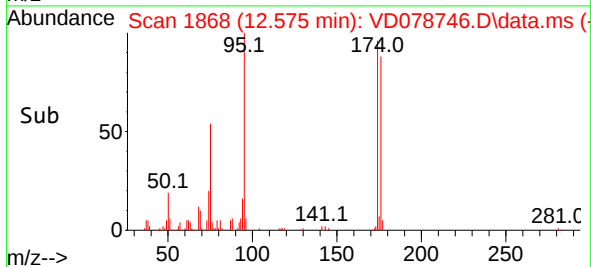
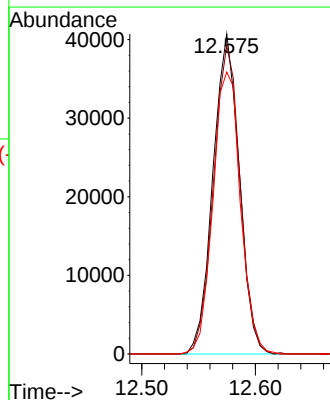
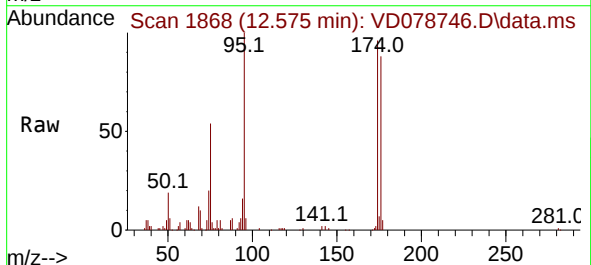
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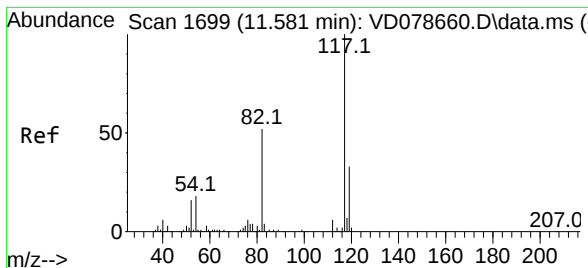
Tgt Ion: 98 Resp: 299436
Ion Ratio Lower Upper
98 100
100 63.8 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 38.529 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078746.D
Acq: 22 Mar 2024 16:43

Tgt Ion: 95 Resp: 65497
Ion Ratio Lower Upper
95 100
174 97.6 0.0 195.2
176 92.3 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078746.D

Acq: 22 Mar 2024 16:43

Instrument :

MSVOA_D

ClientSampleId :

EO-01-03222024-B

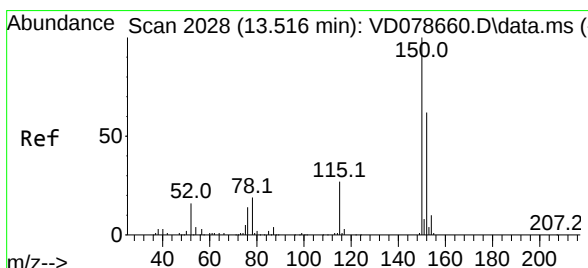
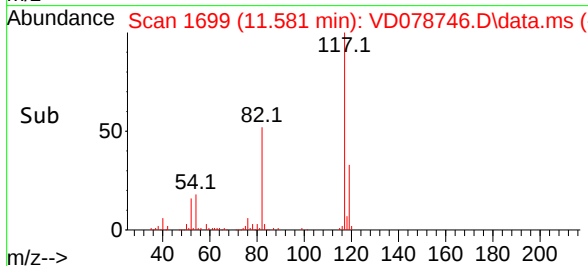
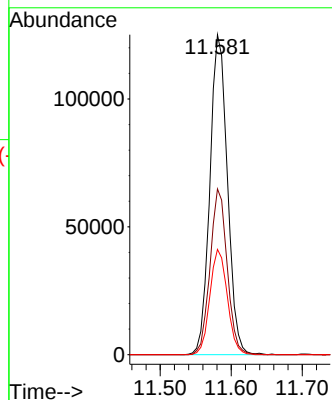
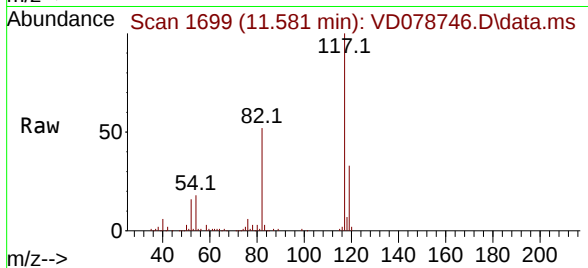
Tgt Ion:117 Resp: 214460

Ion Ratio Lower Upper

117 100

82 51.8 41.4 62.2

119 32.9 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.006 min

Lab File: VD078746.D

Acq: 22 Mar 2024 16:43

Tgt Ion:152 Resp: 77934

Ion Ratio Lower Upper

152 100

115 55.3 27.1 81.2

150 157.7 0.0 350.2

