

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091522\
 Data File : VD074316.D
 Acq On : 15 Sep 2022 18:54
 Operator : VA/SY
 Sample : N4538-06
 Misc : 5.59G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MBD-MP-1-45-46

Quant Time: Sep 16 05:55:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 04:45:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	106893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	189845	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	164252	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	69266	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	57387	52.659	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.320%
35) Dibromofluoromethane	7.805	113	59739	46.811	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.620%
50) Toluene-d8	10.269	98	237331	50.999	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.000%
62) 4-Bromofluorobenzene	12.563	95	62282	36.444	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	72.880%

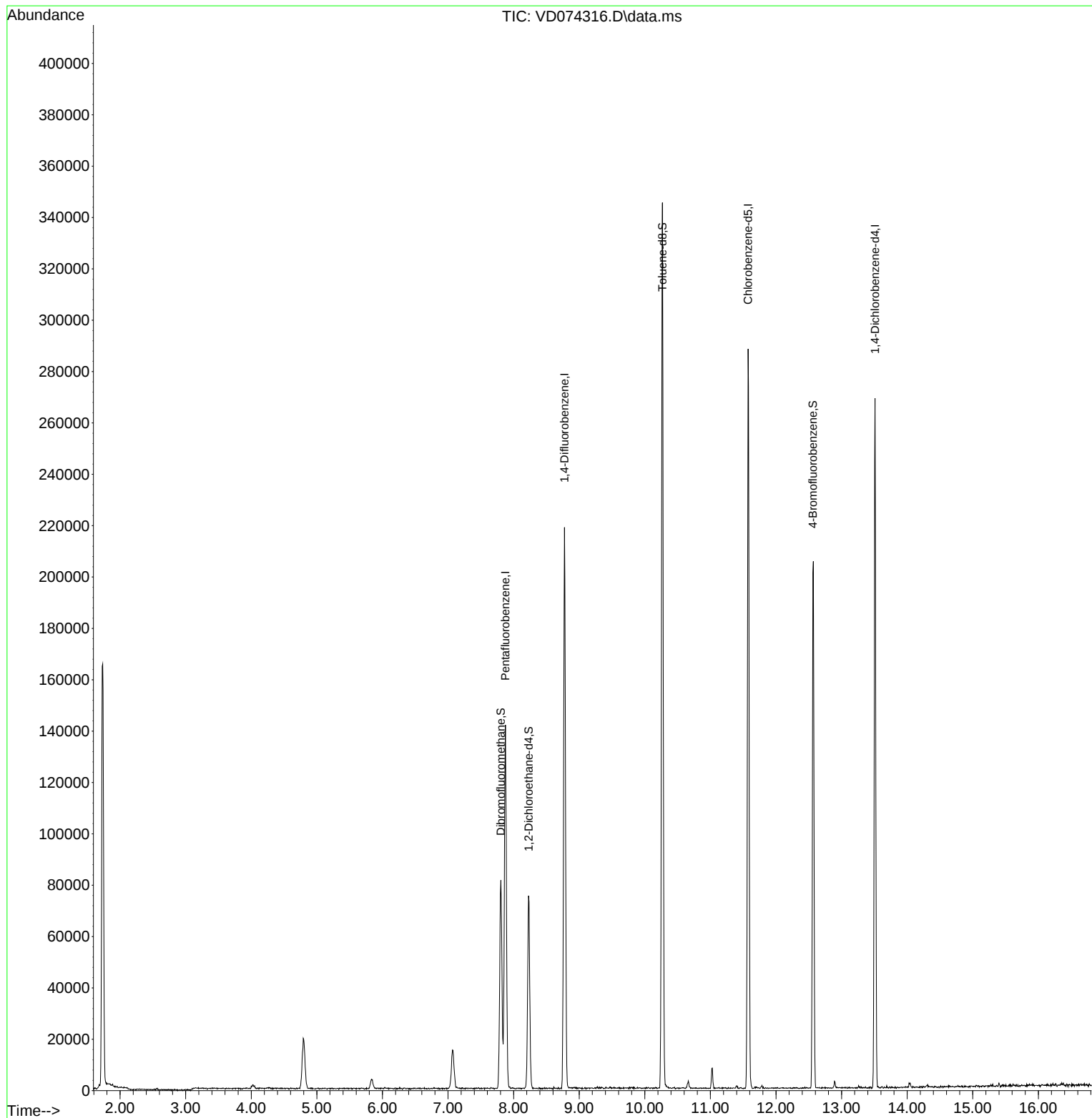
Target Compounds	Qvalue

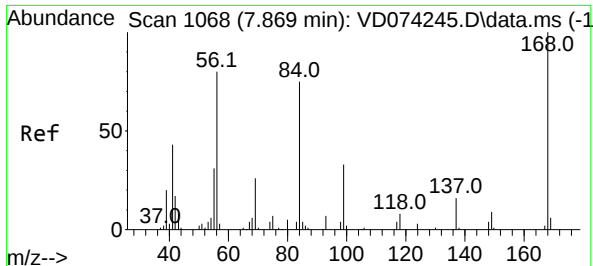
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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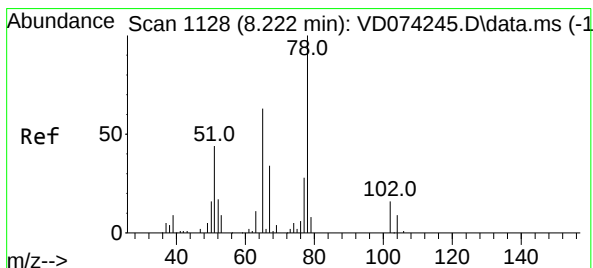
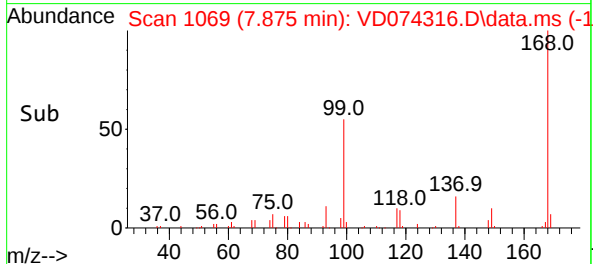
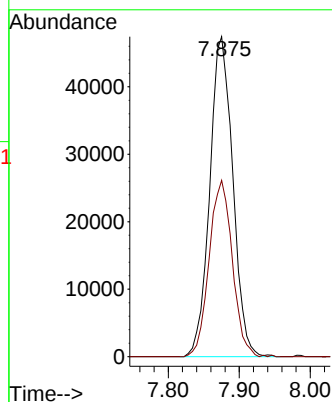
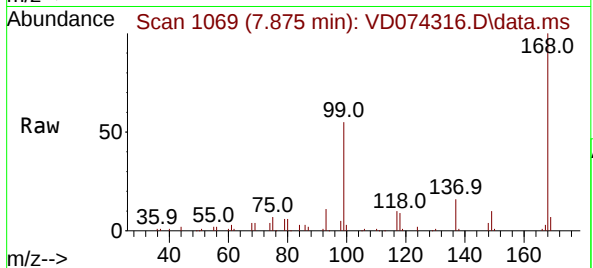




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD074316.D
Acq: 15 Sep 2022 18:54

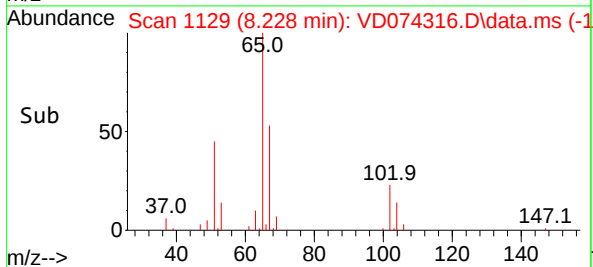
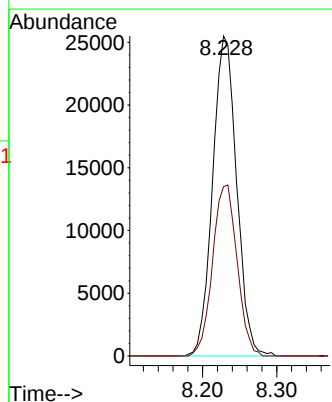
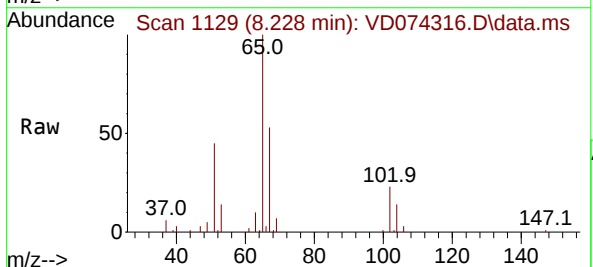
Instrument :
MSVOA_D
ClientSampleId :
MBD-MP-1-45-46

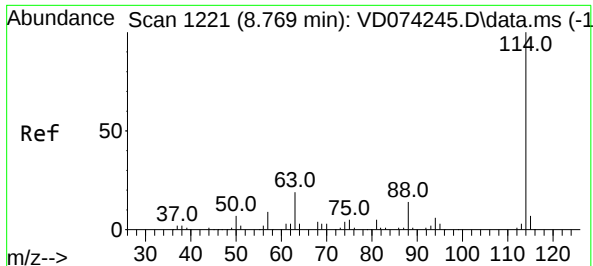
Tgt Ion:168 Resp: 106893
Ion Ratio Lower Upper
168 100
99 55.1 43.0 64.6



#33
1,2-Dichloroethane-d4
Concen: 52.659 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD074316.D
Acq: 15 Sep 2022 18:54

Tgt Ion: 65 Resp: 57387
Ion Ratio Lower Upper
65 100
67 54.5 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD074316.D

Acq: 15 Sep 2022 18:54

Instrument :

MSVOA_D

ClientSampleId :

MBD-MP-1-45-46

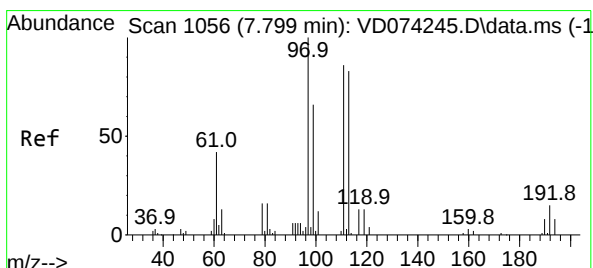
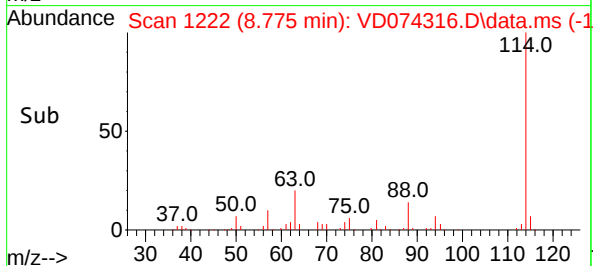
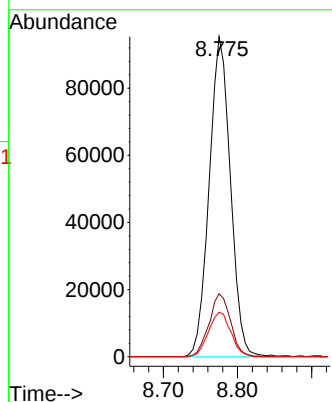
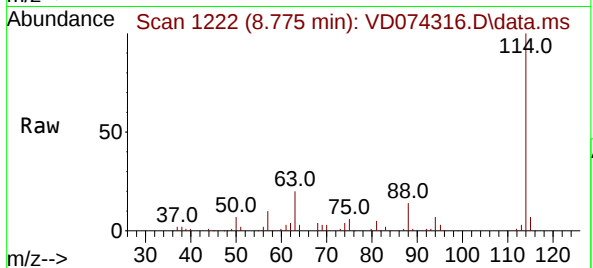
Tgt Ion:114 Resp: 189845

Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.6

88 13.9 0.0 28.4



#35

Dibromofluoromethane

Concen: 46.811 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VD074316.D

Acq: 15 Sep 2022 18:54

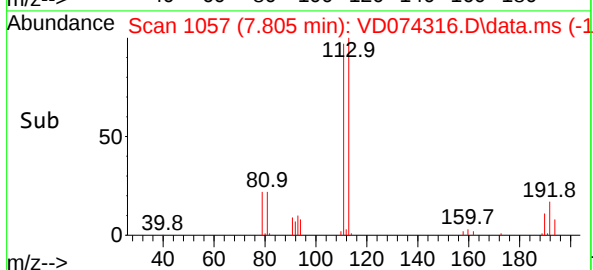
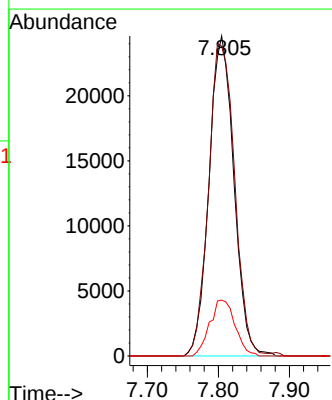
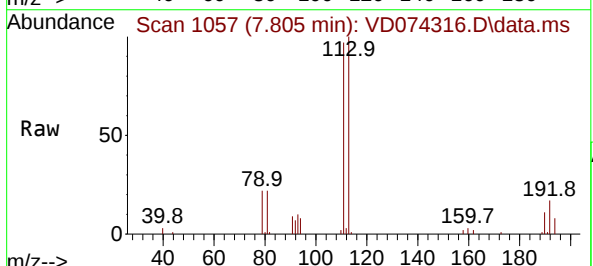
Tgt Ion:113 Resp: 59739

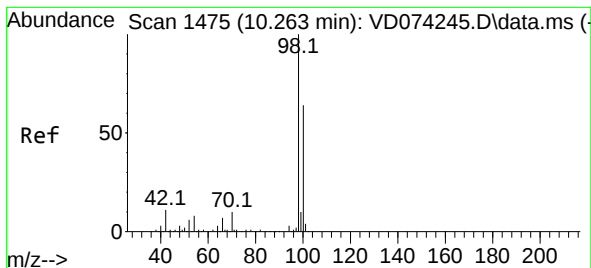
Ion Ratio Lower Upper

113 100

111 102.5 83.0 124.6

192 17.8 16.2 24.2

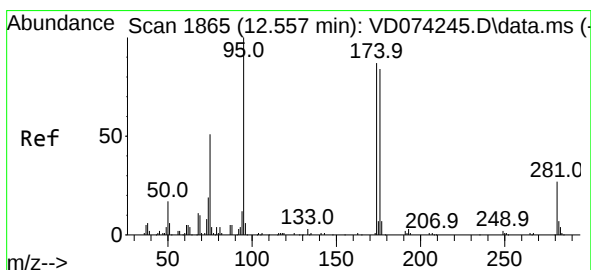
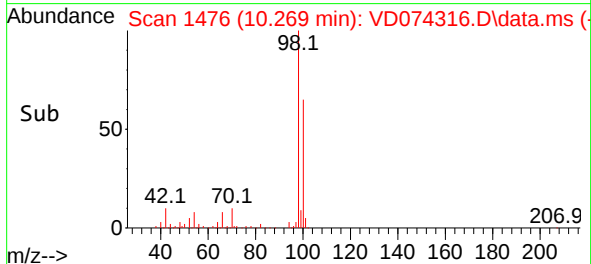
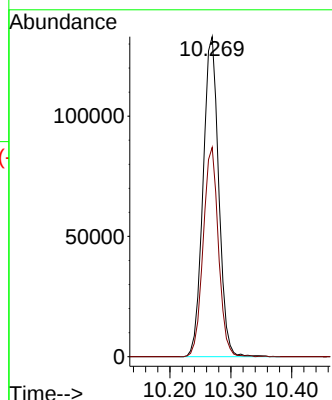
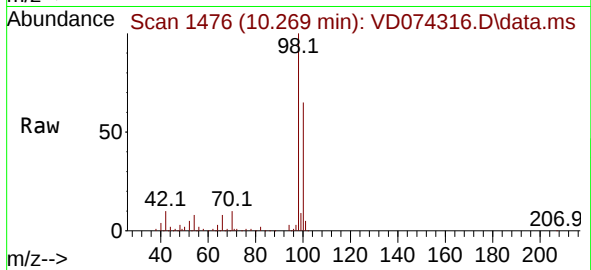




#50
Toluene-d8
Concen: 50.999 ug/l
RT: 10.269 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VD074316.D
Acq: 15 Sep 2022 18:54

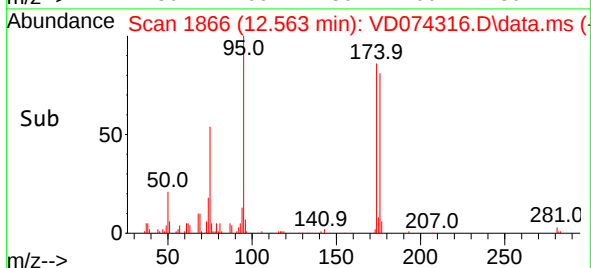
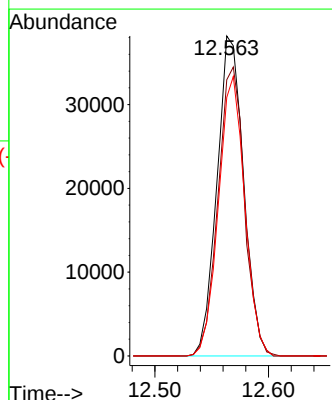
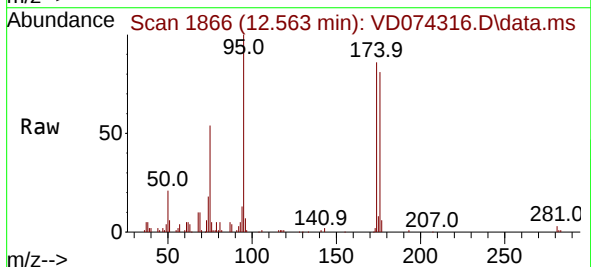
Instrument :
MSVOA_D
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MBD-MP-1-45-46

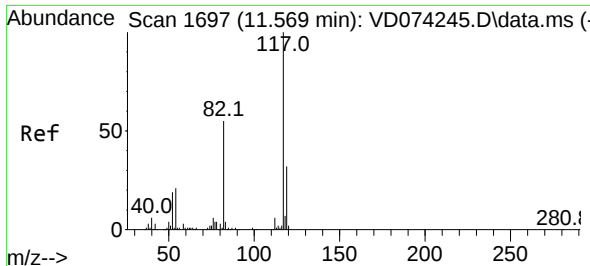
Tgt Ion: 98 Resp: 237331
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 36.444 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD074316.D
Acq: 15 Sep 2022 18:54

Tgt Ion: 95 Resp: 62282
Ion Ratio Lower Upper
95 100
174 89.6 0.0 179.2
176 85.9 0.0 171.4

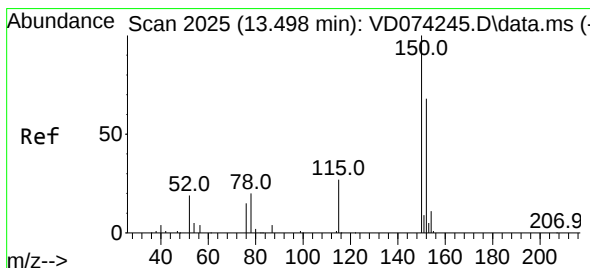
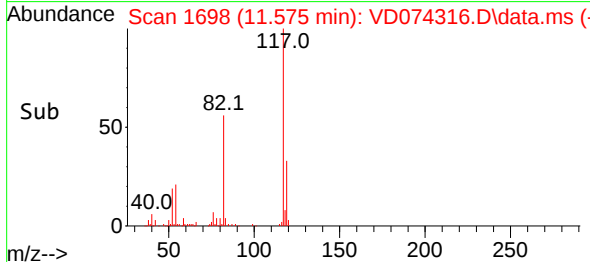
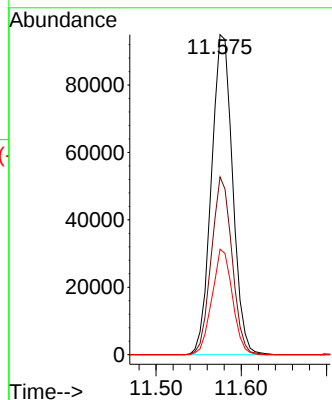
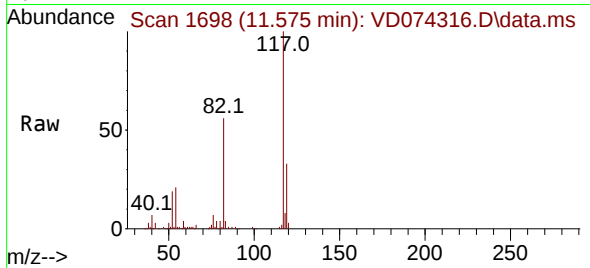




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD074316.D
Acq: 15 Sep 2022 18:54

Instrument :
MSVOA_D
ClientSampleId :
MBD-MP-1-45-46

Tgt Ion:117 Resp: 164252
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.2
119 32.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.012 min
Lab File: VD074316.D
Acq: 15 Sep 2022 18:54

Tgt Ion:152 Resp: 69266
Ion Ratio Lower Upper
152 100
115 56.3 28.4 85.2
150 160.3 0.0 351.0

