

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091522\
 Data File : VD074312.D
 Acq On : 15 Sep 2022 17:02
 Operator : VA/SY
 Sample : N4538-02
 Misc : 5.77G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MBD-SB-1-4-5

Quant Time: Sep 16 05:54:58 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	118539	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	208326	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	177344	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	69733	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	64217	53.137	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.280%
35) Dibromofluoromethane	7.804	113	65255	46.581	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.160%
50) Toluene-d8	10.269	98	257613	50.446	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.900%
62) 4-Bromofluorobenzene	12.563	95	66459	35.217	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	70.440%

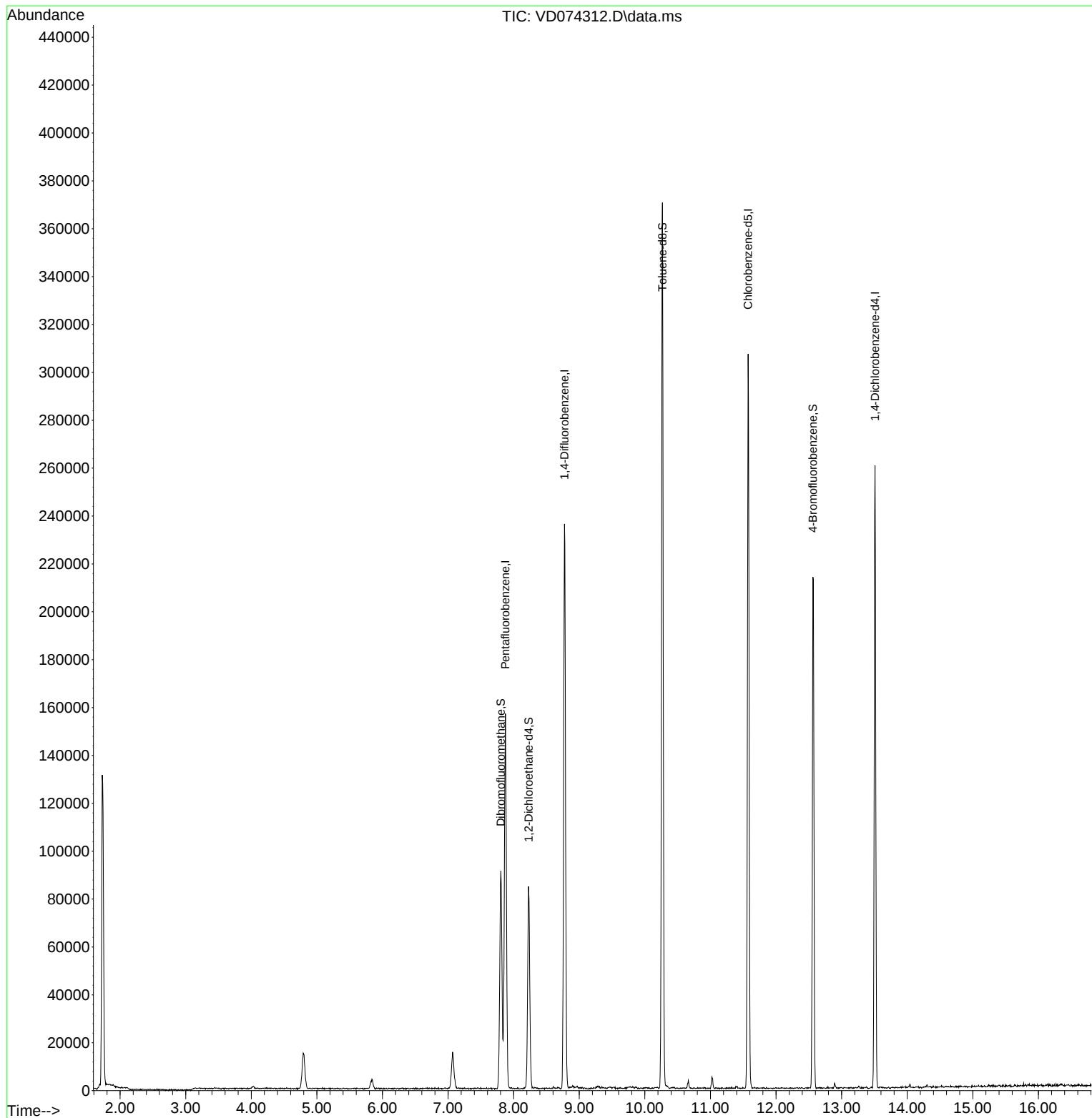
Target Compounds	Qvalue

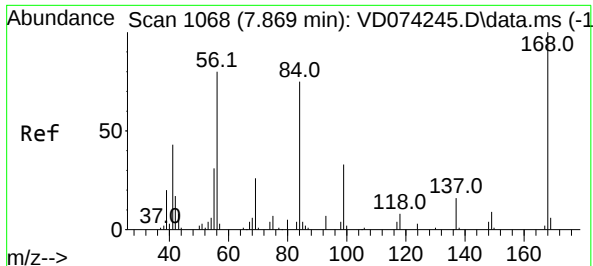
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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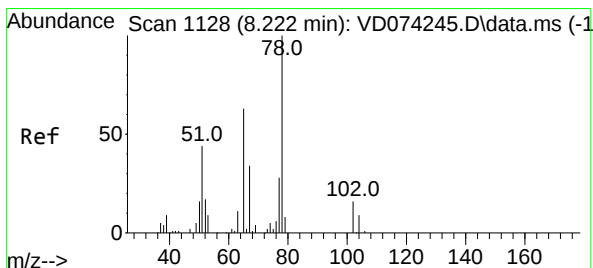
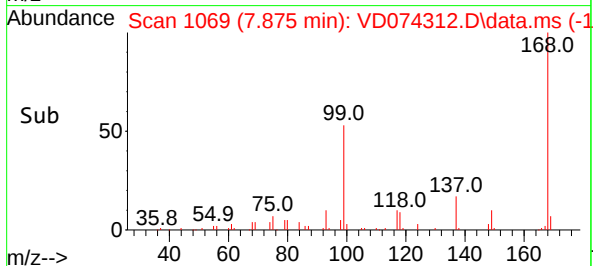
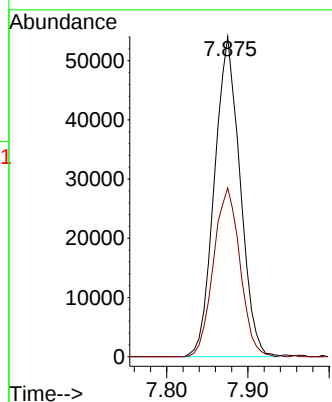
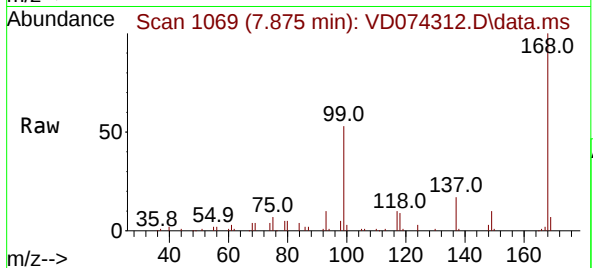




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD074312.D
Acq: 15 Sep 2022 17:02

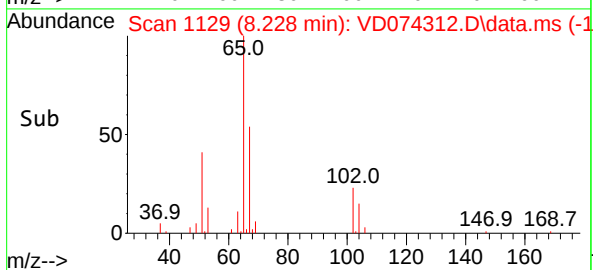
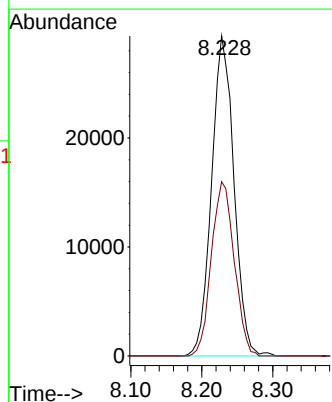
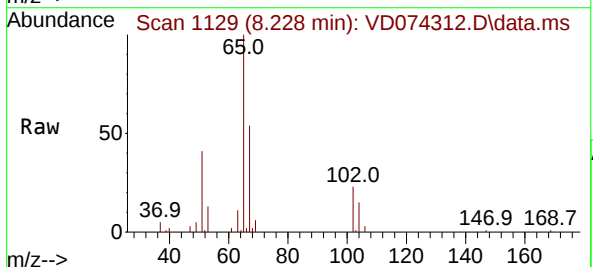
Instrument :
MSVOA_D
ClientSampleId :
MBD-SB-1-4-5

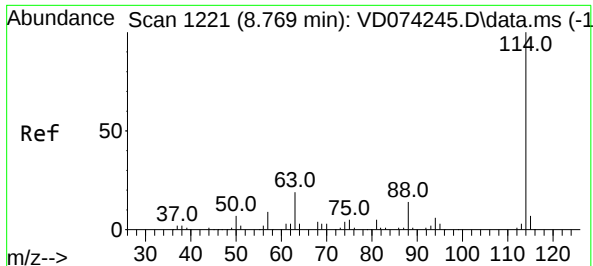
Tgt Ion:168 Resp: 118539
Ion Ratio Lower Upper
168 100
99 52.7 43.0 64.6



#33
1,2-Dichloroethane-d4
Concen: 53.137 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD074312.D
Acq: 15 Sep 2022 17:02

Tgt Ion: 65 Resp: 64217
Ion Ratio Lower Upper
65 100
67 55.6 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074312.D

Acq: 15 Sep 2022 17:02

Instrument :

MSVOA_D

ClientSampleId :

MBD-SB-1-4-5

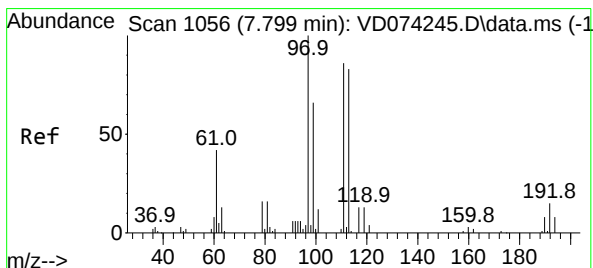
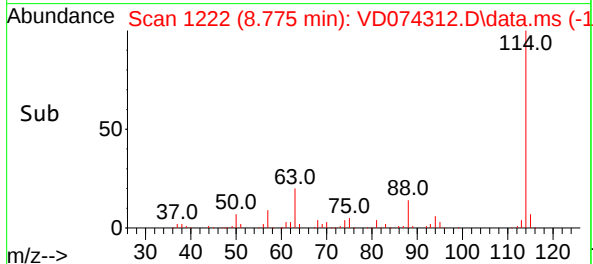
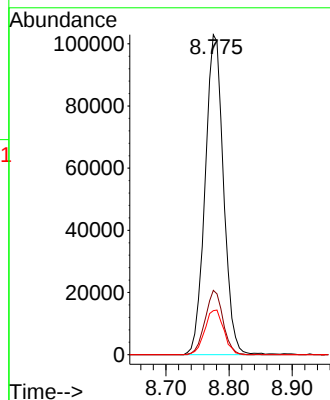
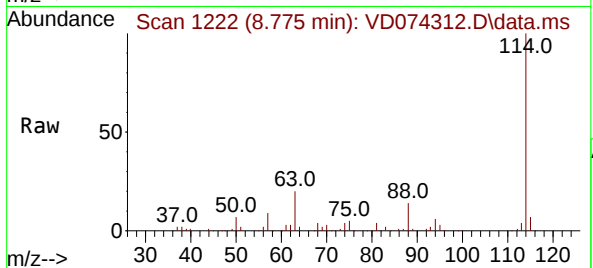
Tgt Ion:114 Resp: 208326

Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.6

88 13.8 0.0 28.4



#35

Dibromofluoromethane

Concen: 46.581 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.005 min

Lab File: VD074312.D

Acq: 15 Sep 2022 17:02

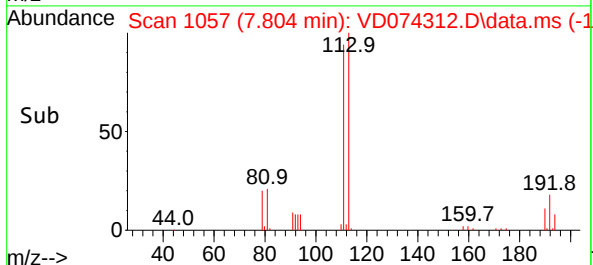
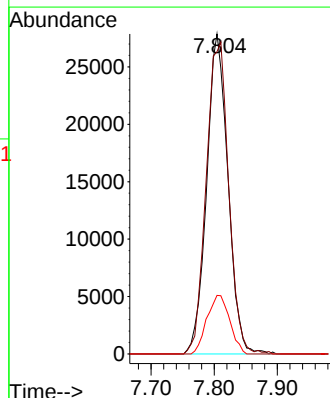
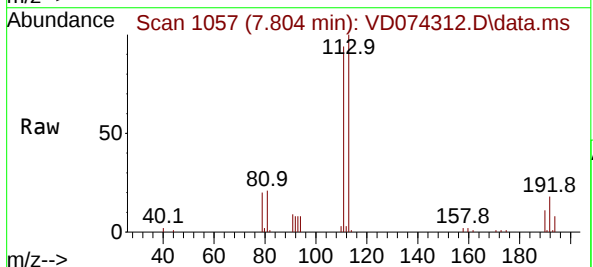
Tgt Ion:113 Resp: 65255

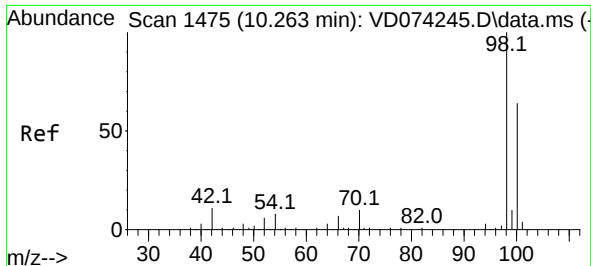
Ion Ratio Lower Upper

113 100

111 102.9 83.0 124.6

192 19.6 16.2 24.2

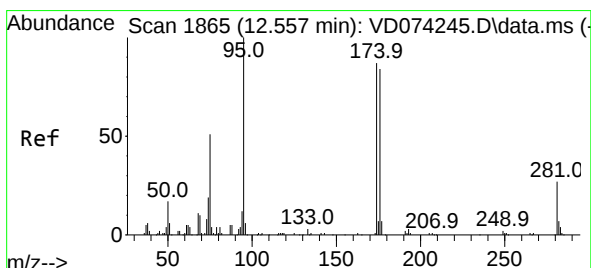
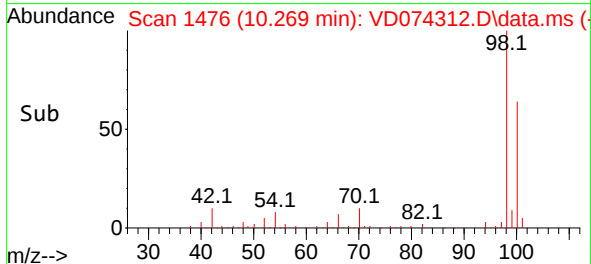
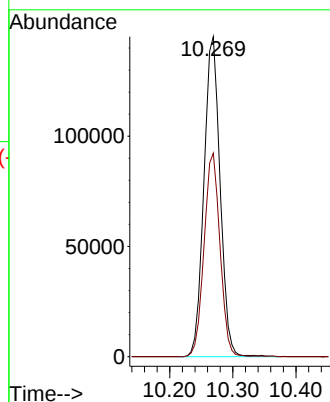
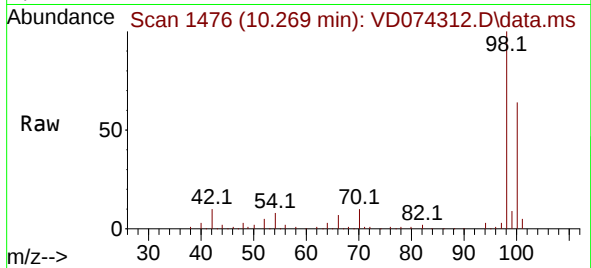




#50
Toluene-d8
Concen: 50.446 ug/l
RT: 10.269 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VD074312.D
Acq: 15 Sep 2022 17:02

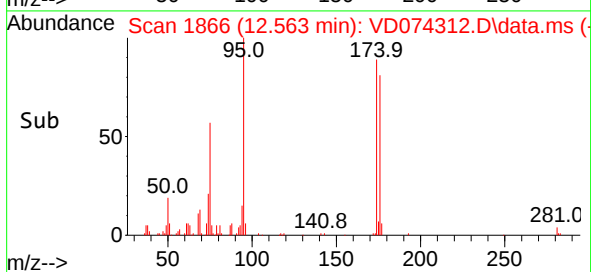
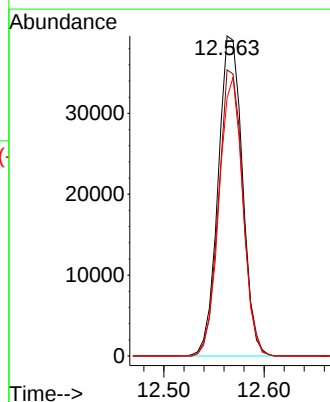
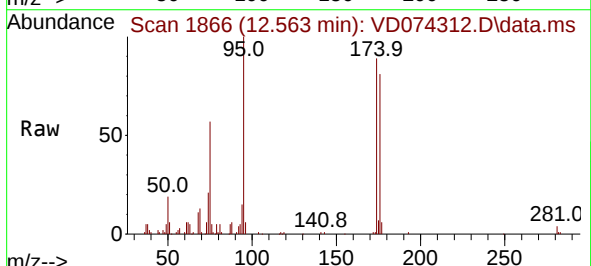
Instrument :
MSVOA_D
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MBD-SB-1-4-5

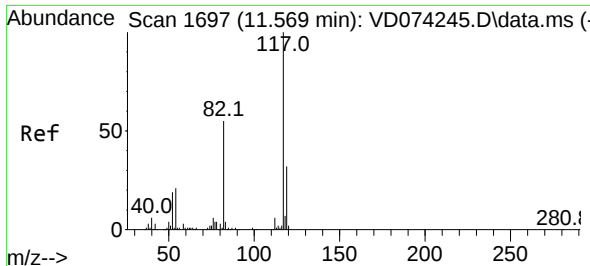
Tgt Ion: 98 Resp: 257613
Ion Ratio Lower Upper
98 100
100 62.7 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 35.217 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD074312.D
Acq: 15 Sep 2022 17:02

Tgt Ion: 95 Resp: 66459
Ion Ratio Lower Upper
95 100
174 89.4 0.0 179.2
176 84.9 0.0 171.4

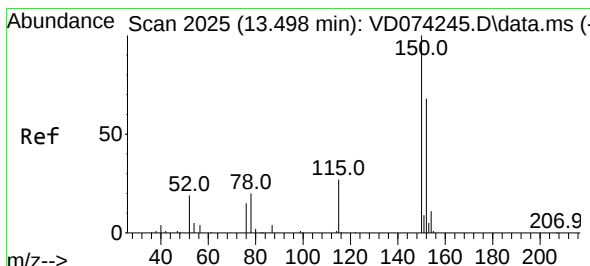
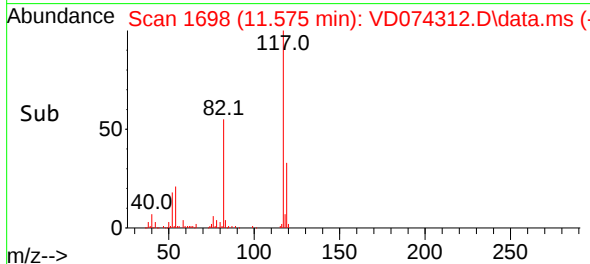
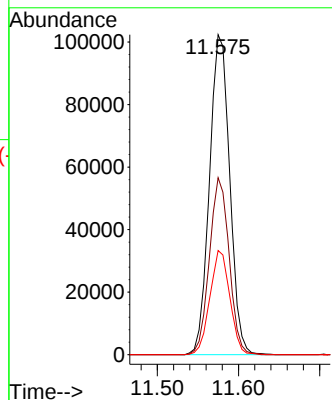
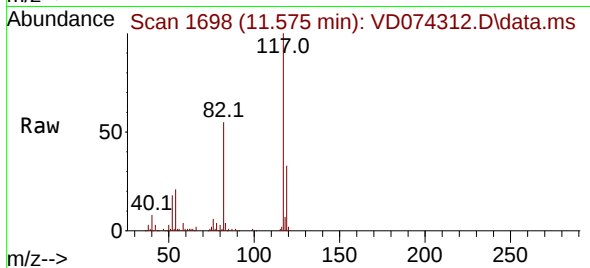




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD074312.D
Acq: 15 Sep 2022 17:02

Instrument :
MSVOA_D
ClientSampleId :
MBD-SB-1-4-5

Tgt Ion:117 Resp: 177344
Ion Ratio Lower Upper
117 100
82 55.3 44.2 66.2
119 32.6 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: VD074312.D
Acq: 15 Sep 2022 17:02

Tgt Ion:152 Resp: 69733
Ion Ratio Lower Upper
152 100
115 56.3 28.4 85.2
150 155.3 0.0 351.0

