

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091322\
 Data File : VD074270.D
 Acq On : 13 Sep 2022 17:15
 Operator : VA/SY
 Sample : N4558-11
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-RW5-GW-58-60

Quant Time: Sep 13 17:37:18 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	7.869	168	89095	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	160526	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	144998	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.504	152	67421	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	50512	55.609	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.220%
35) Dibromofluoromethane	7.805	113	55775	52.055	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.120%
50) Toluene-d8	10.263	98	204972	52.090	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.180%
62) 4-Bromofluorobenzene	12.563	95	64692	46.603	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.200%

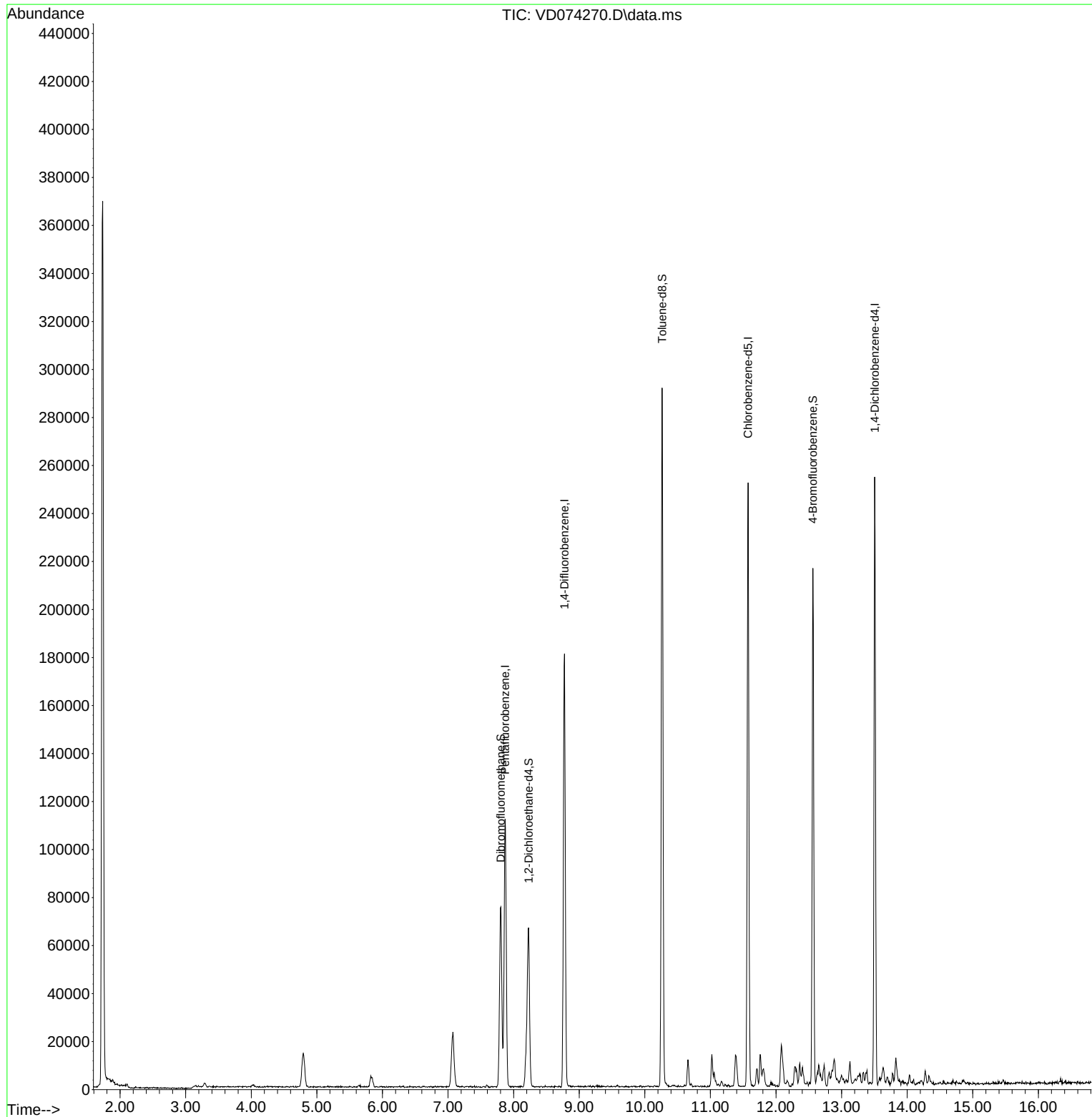
Target Compounds	Qvalue

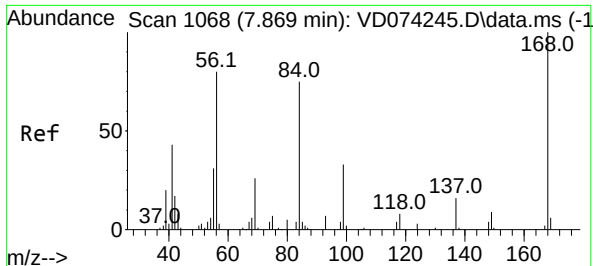
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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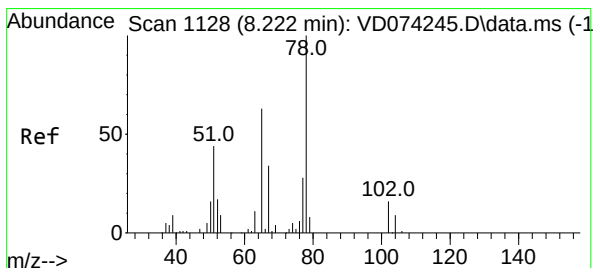
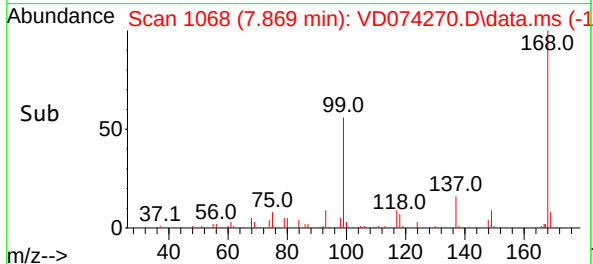
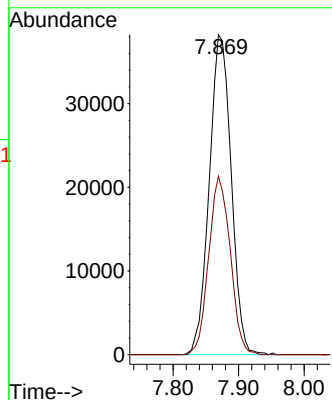
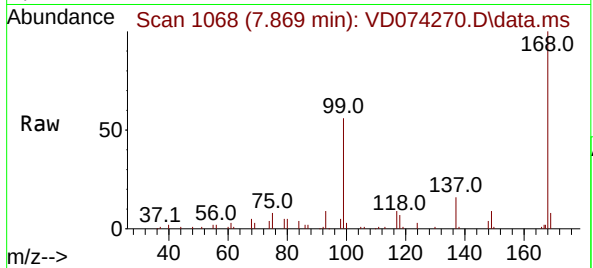




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD074270.D
Acq: 13 Sep 2022 17:15

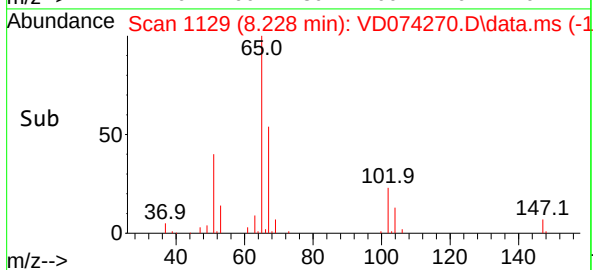
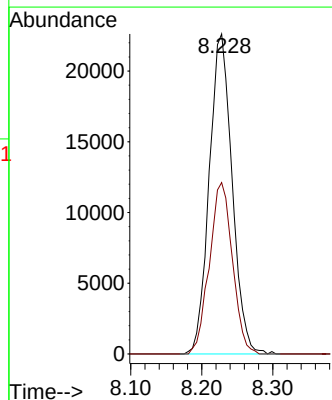
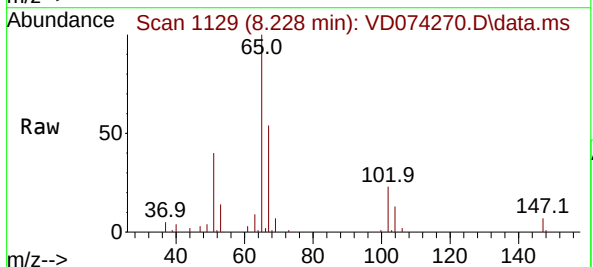
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW5-GW-58-60

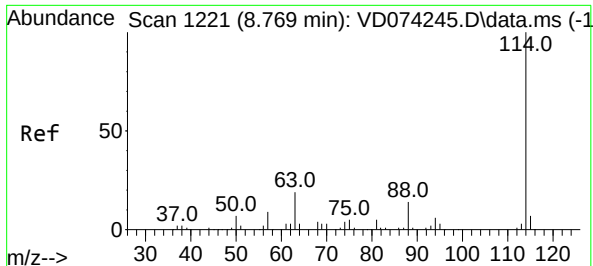
Tgt Ion:168 Resp: 89095
Ion Ratio Lower Upper
168 100
99 55.8 43.0 64.6



#33
1,2-Dichloroethane-d4
Concen: 55.609 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD074270.D
Acq: 13 Sep 2022 17:15

Tgt Ion: 65 Resp: 50512
Ion Ratio Lower Upper
65 100
67 54.0 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: VD074270.D

Acq: 13 Sep 2022 17:15

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-RW5-GW-58-60

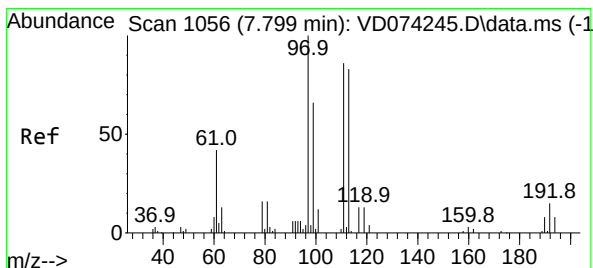
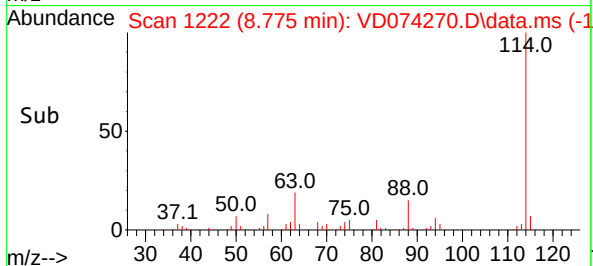
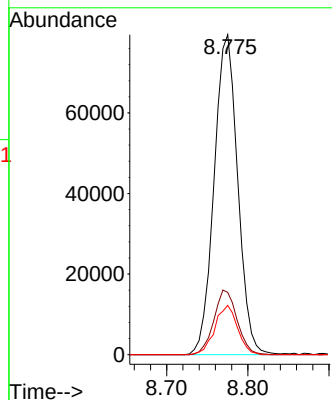
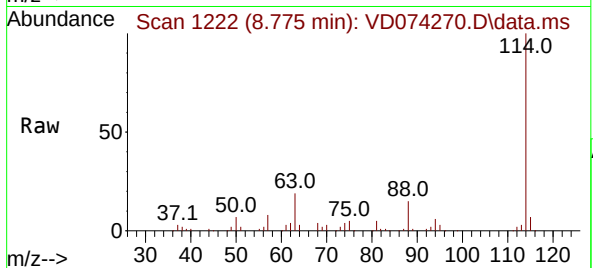
Tgt Ion:114 Resp: 160526

Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.6

88 15.4 0.0 28.4



#35

Dibromofluoromethane

Concen: 52.055 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VD074270.D

Acq: 13 Sep 2022 17:15

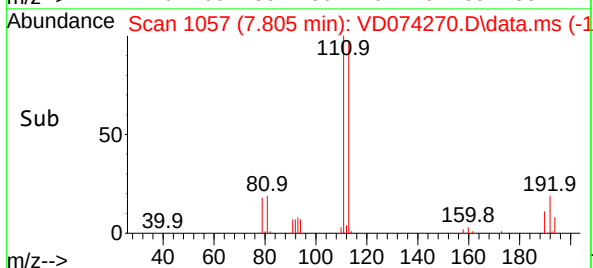
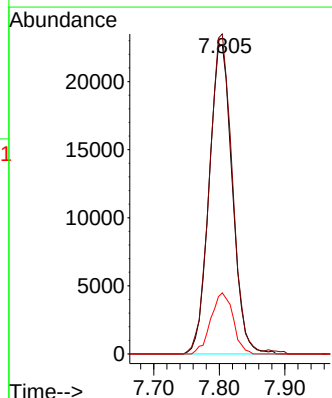
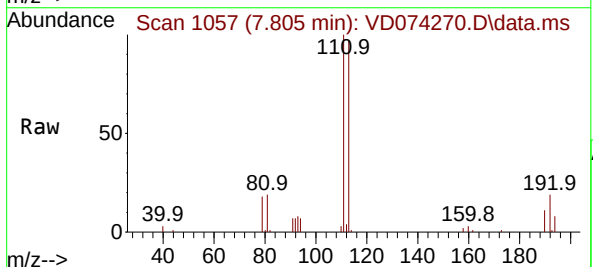
Tgt Ion:113 Resp: 55775

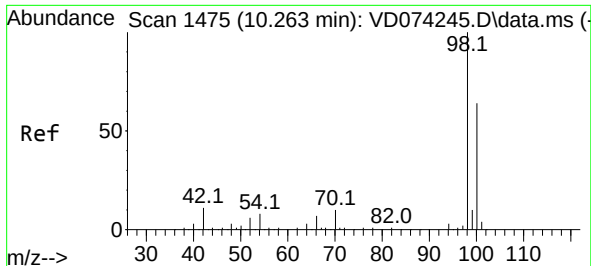
Ion Ratio Lower Upper

113 100

111 102.1 83.0 124.6

192 18.9 16.2 24.2

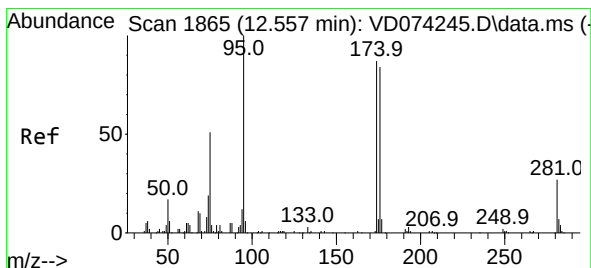
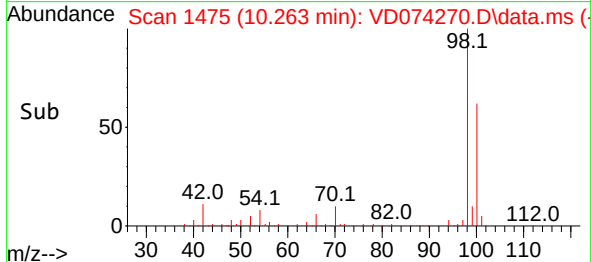
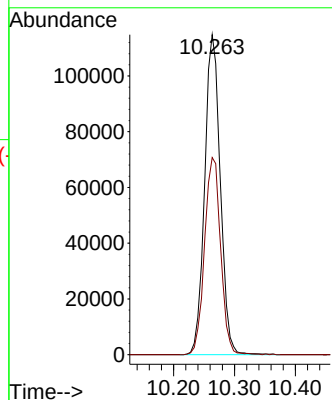
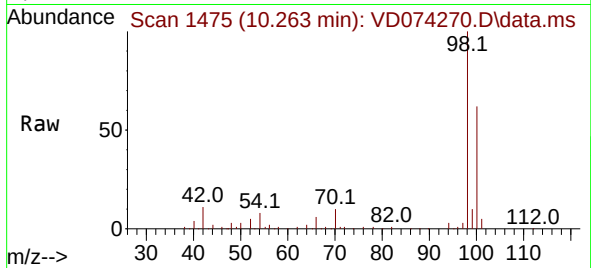




#50
Toluene-d8
Concen: 52.090 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VD074270.D
Acq: 13 Sep 2022 17:15

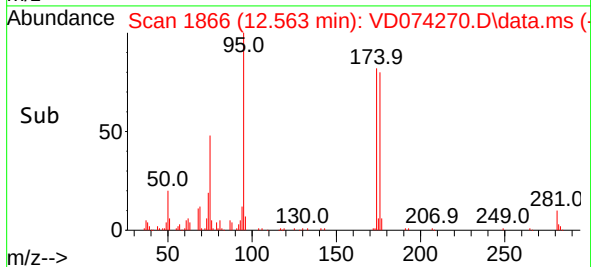
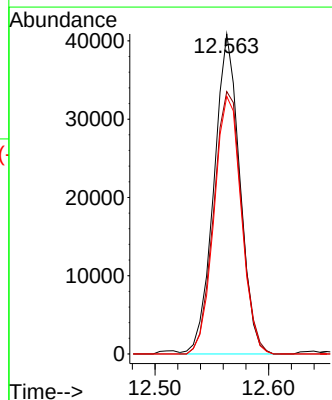
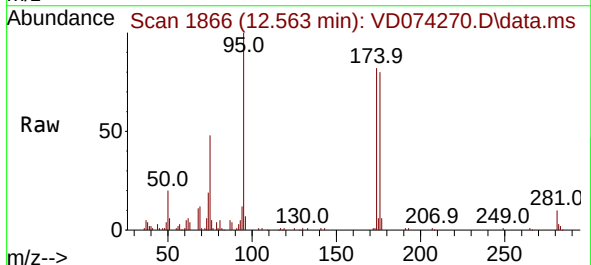
Instrument :
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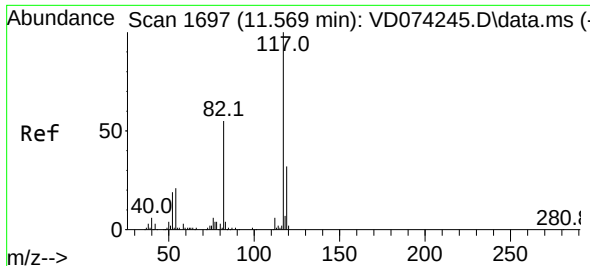
Tgt Ion: 98 Resp: 204972
Ion Ratio Lower Upper
98 100
100 63.3 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 46.603 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD074270.D
Acq: 13 Sep 2022 17:15

Tgt Ion: 95 Resp: 64692
Ion Ratio Lower Upper
95 100
174 88.5 0.0 179.2
176 84.5 0.0 171.4

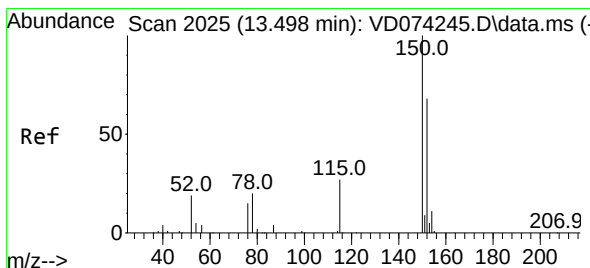
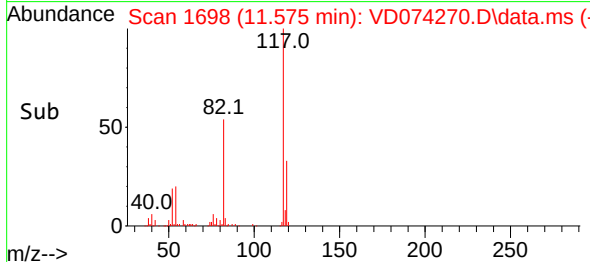
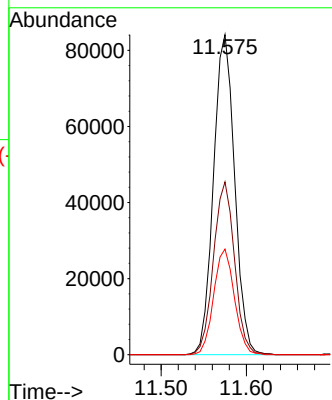
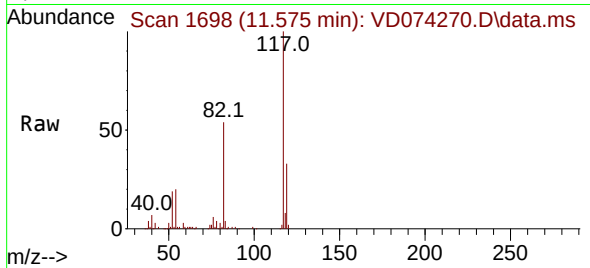




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074270.D
Acq: 13 Sep 2022 17:15

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW5-GW-58-60

Tgt Ion:117 Resp: 144998
Ion Ratio Lower Upper
117 100
82 54.0 44.2 66.2
119 33.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.504 min Scan# 2026
Delta R.T. 0.006 min
Lab File: VD074270.D
Acq: 13 Sep 2022 17:15

Tgt Ion:152 Resp: 67421
Ion Ratio Lower Upper
152 100
115 57.2 28.4 85.2
150 158.9 0.0 351.0

