

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101822\
 Data File : VD074558.D
 Acq On : 18 Oct 2022 11:41
 Operator : VA/SY
 Sample : VD1018SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 19 01:29:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 12 13:14:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	83643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	145443	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	118240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	53095	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	38129	52.960	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.920%
35) Dibromofluoromethane	7.810	113	46459	53.207	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.420%
50) Toluene-d8	10.269	98	174512	52.330	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.660%
62) 4-Bromofluorobenzene	12.569	95	45327	43.623	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.240%

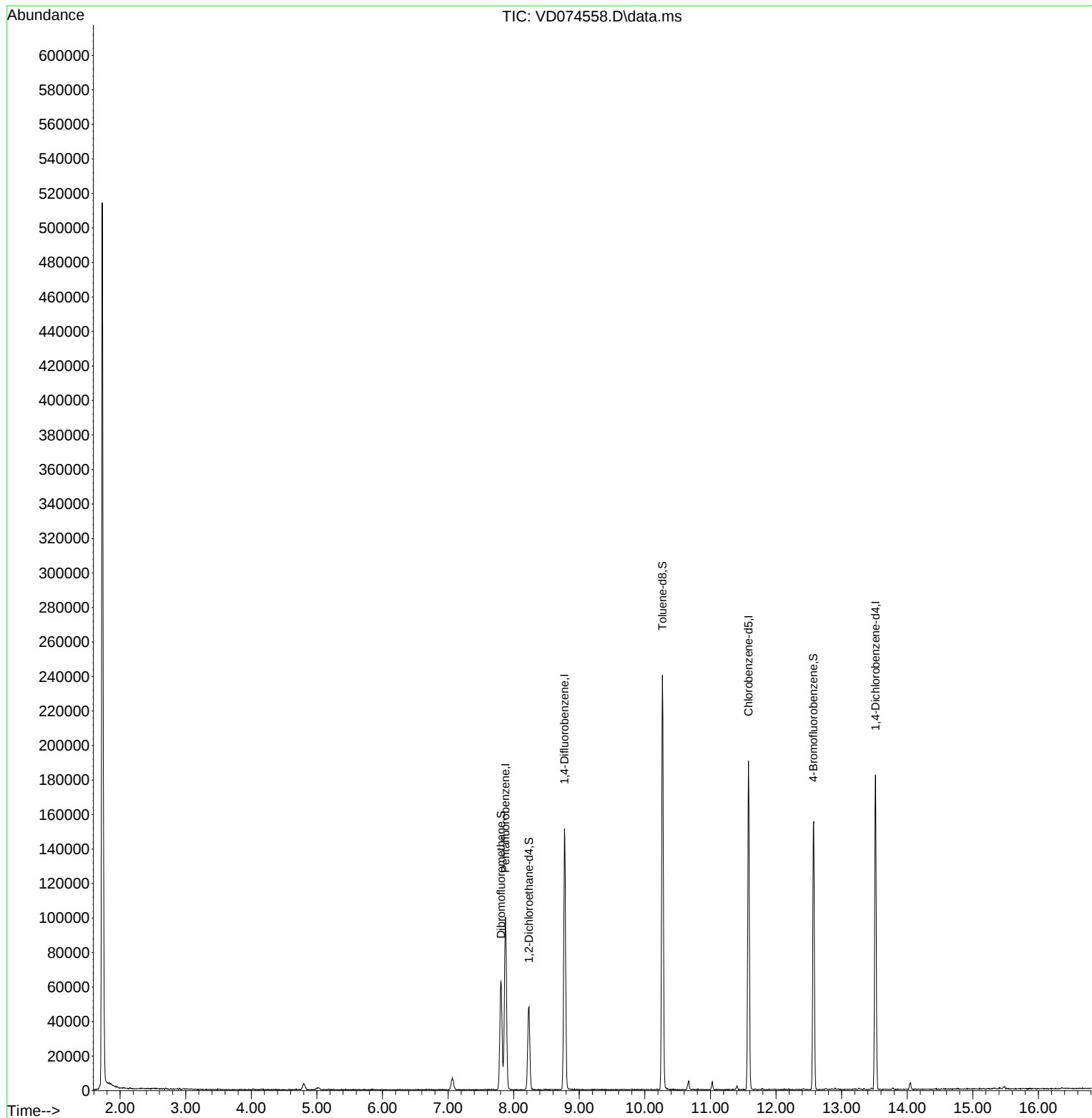
Target Compounds	Qvalue

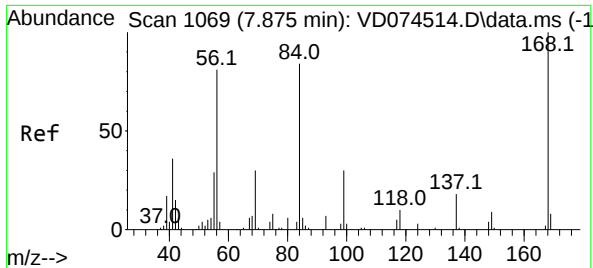
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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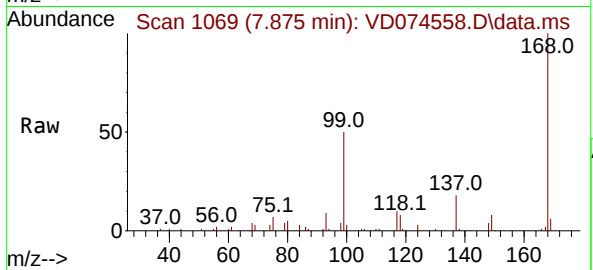
Quant Time: Oct 19 01:29:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
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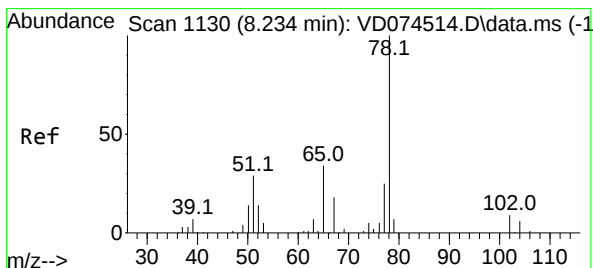
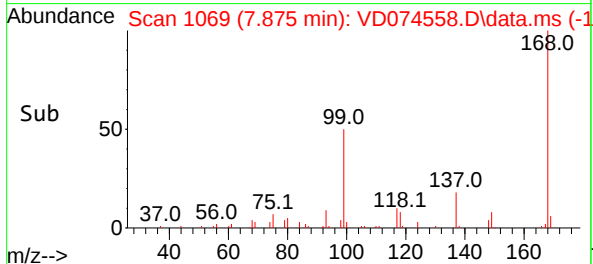
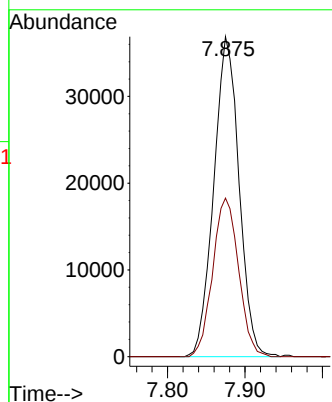


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074558.D
Acq: 18 Oct 2022 11:41

Instrument :
MSVOA_D
ClientSampleId :

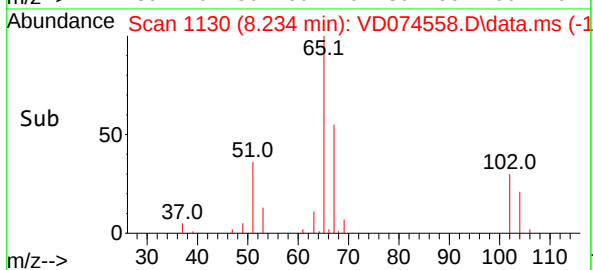
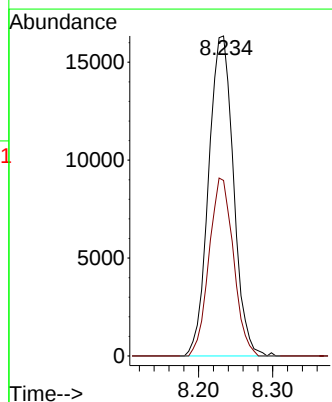
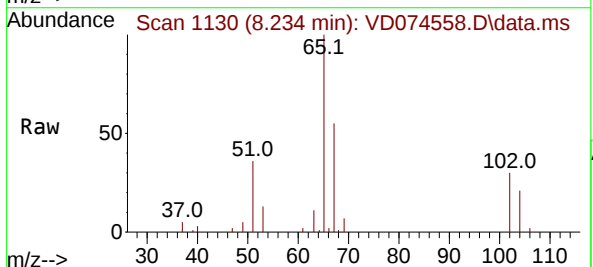


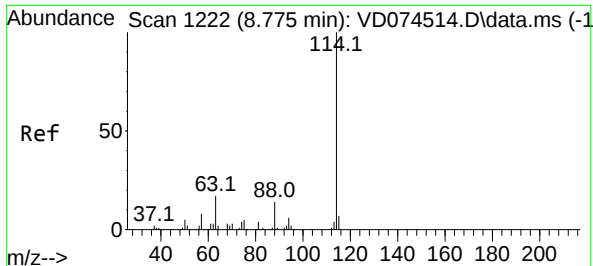
Tgt Ion:168 Resp: 83643
Ion Ratio Lower Upper
168 100
99 49.6 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 52.960 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074558.D
Acq: 18 Oct 2022 11:41

Tgt Ion: 65 Resp: 38129
Ion Ratio Lower Upper
65 100
67 54.4 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074558.D

Acq: 18 Oct 2022 11:41

Instrument :

MSVOA_D

ClientSampleId :

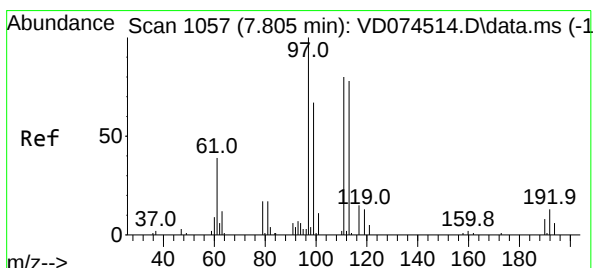
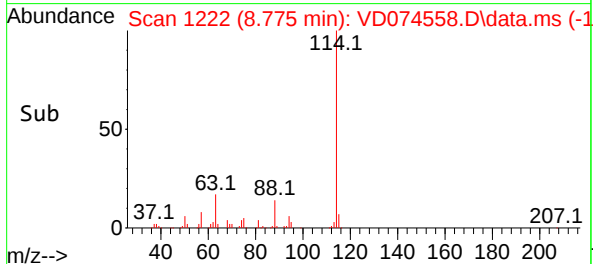
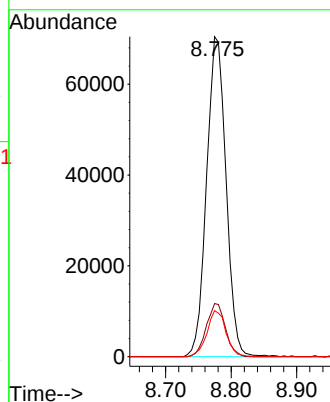
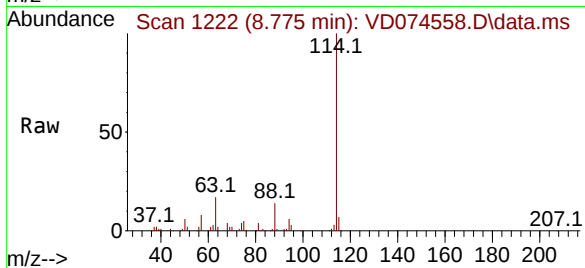
Tgt Ion:114 Resp: 145443

Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.2

88 14.4 0.0 28.2



#35

Dibromofluoromethane

Concen: 53.207 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD074558.D

Acq: 18 Oct 2022 11:41

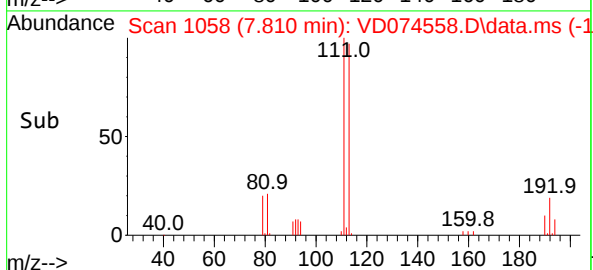
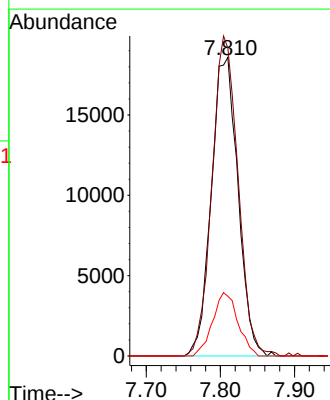
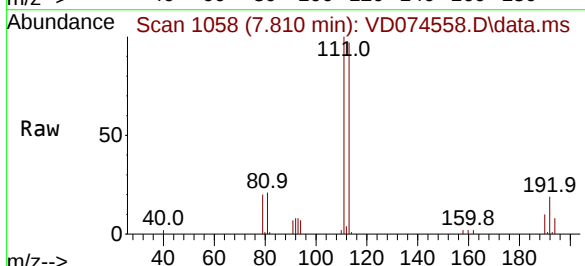
Tgt Ion:113 Resp: 46459

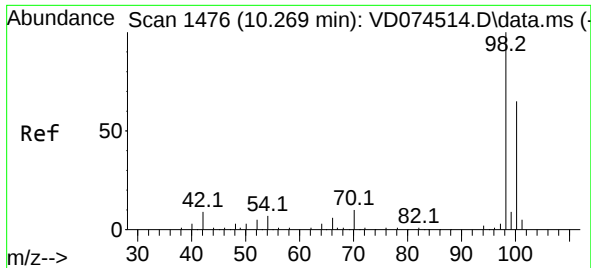
Ion Ratio Lower Upper

113 100

111 104.6 82.3 123.5

192 20.1 16.4 24.6

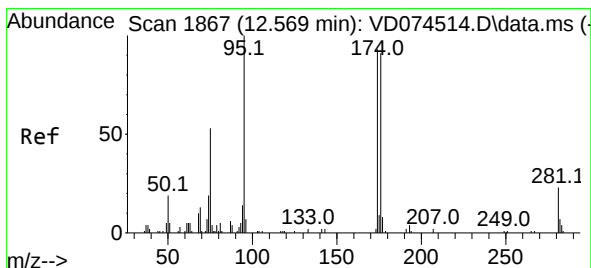
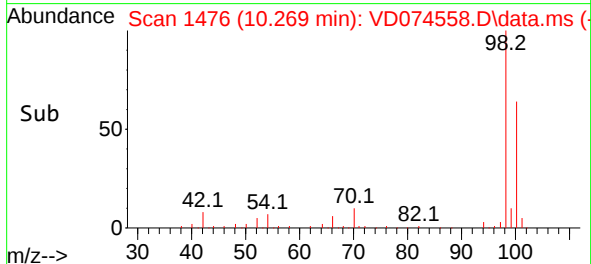
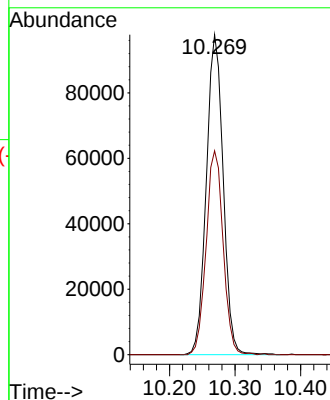
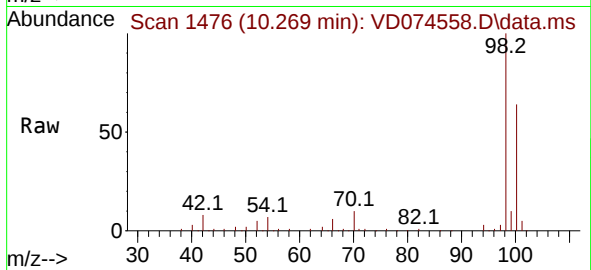




#50
Toluene-d8
Concen: 52.330 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074558.D
Acq: 18 Oct 2022 11:41

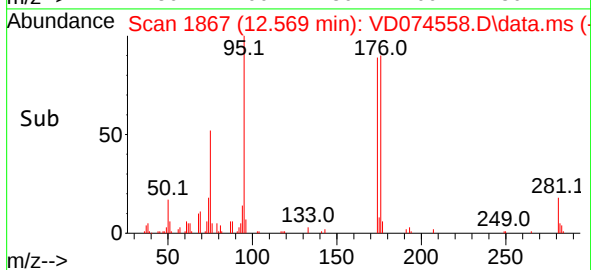
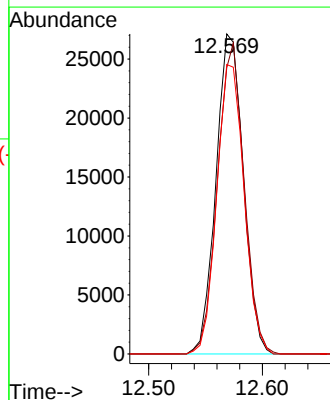
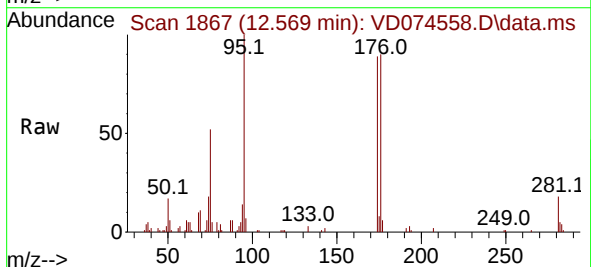
Instrument :
MSVOA_D
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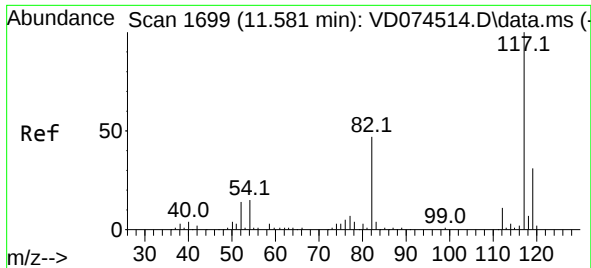
Tgt Ion: 98 Resp: 174512
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 43.623 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074558.D
Acq: 18 Oct 2022 11:41

Tgt Ion: 95 Resp: 45327
Ion Ratio Lower Upper
95 100
174 94.8 0.0 197.0
176 90.4 0.0 182.6

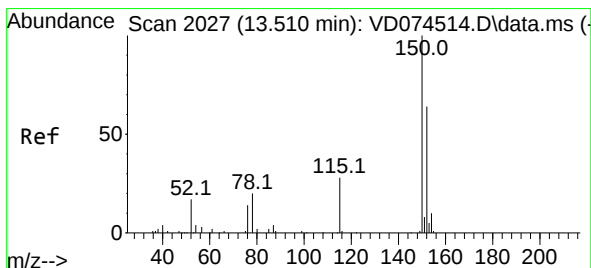
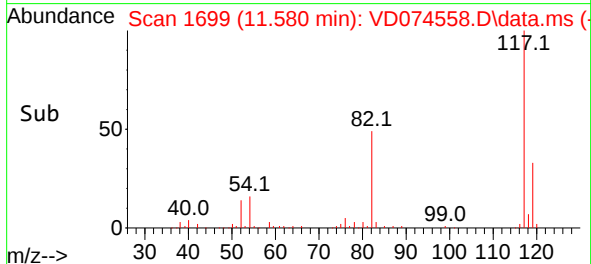
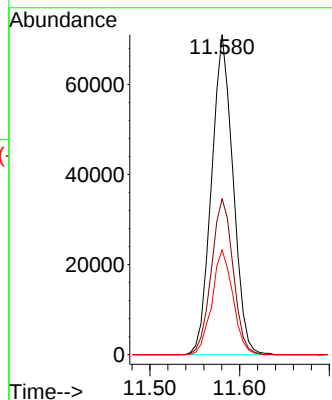
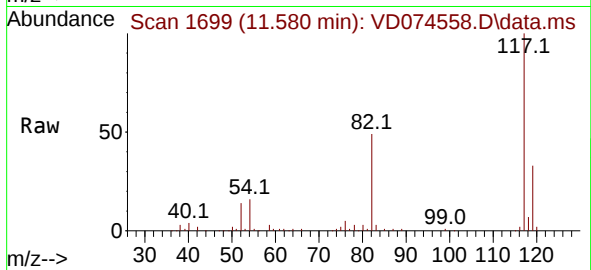




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD074558.D
Acq: 18 Oct 2022 11:41

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 118240
Ion Ratio Lower Upper
117 100
82 48.7 41.6 62.4
119 32.7 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074558.D
Acq: 18 Oct 2022 11:41

Tgt Ion:152 Resp: 53095
Ion Ratio Lower Upper
152 100
115 55.6 26.8 80.4
150 156.6 0.0 348.2

