

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021422\
 Data File : VD071956.D
 Acq On : 14 Feb 2022 14:50
 Operator : VA/SY
 Sample : N1521-05
 Misc : 6.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP1-C

Quant Time: Feb 15 00:36:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	387080	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	769772	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	725605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	304578	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	252998	51.711	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.420%
35) Dibromofluoromethane	7.914	113	244523	48.325	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.660%
50) Toluene-d8	10.338	98	986168	52.186	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.380%
62) 4-Bromofluorobenzene	12.626	95	322476	48.866	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.740%

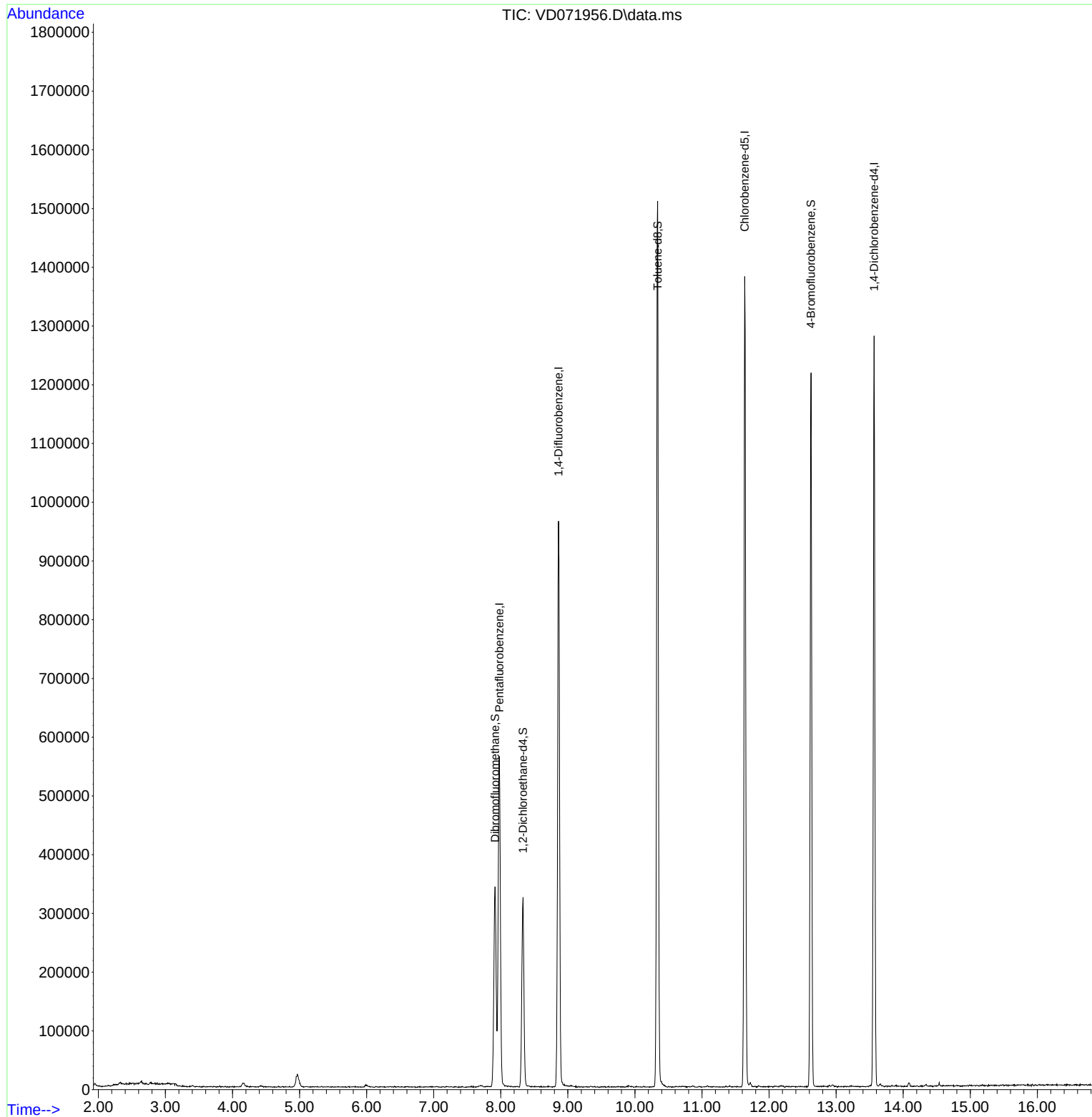
Target Compounds	Qvalue

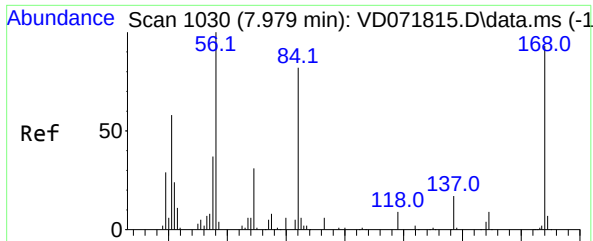
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

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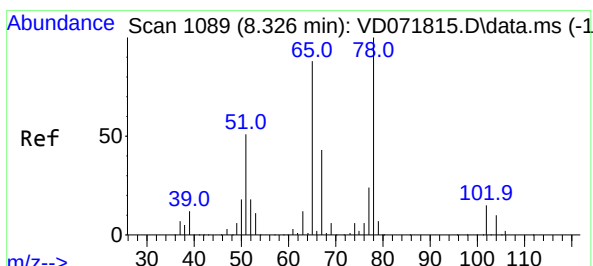
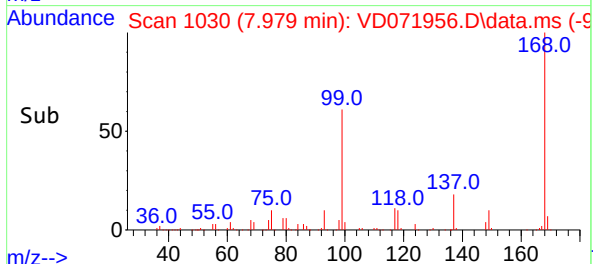
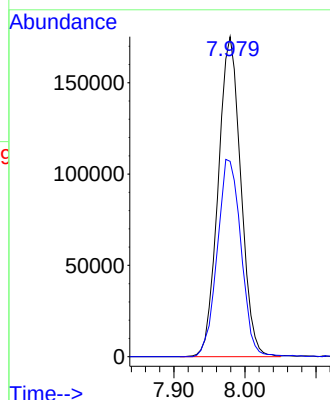
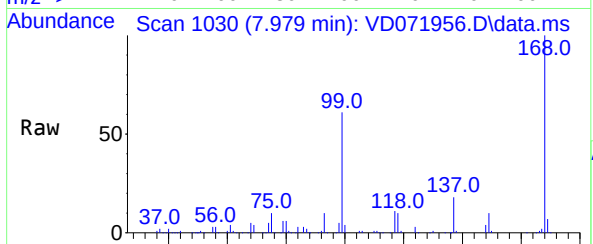
TP1-C

Tgt Ion:168 Resp: 387080

Ion Ratio Lower Upper

168 100

99 61.1 49.8 74.6



1,2-Dichloroethane-d4

Concen: 51.711 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD071956.D

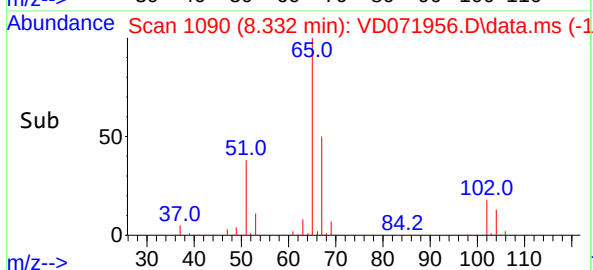
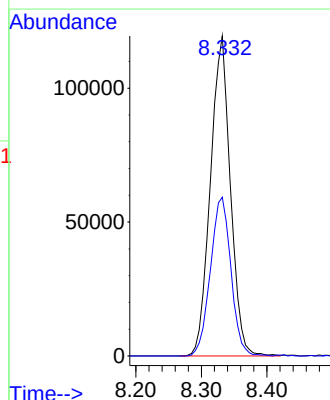
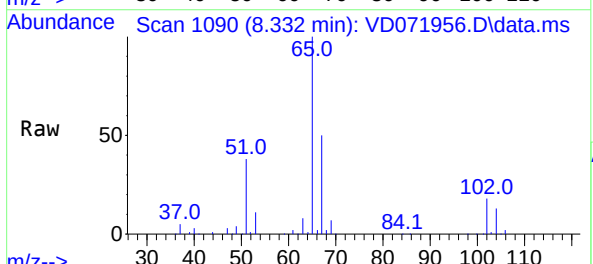
Acq: 14 Feb 2022 14:50

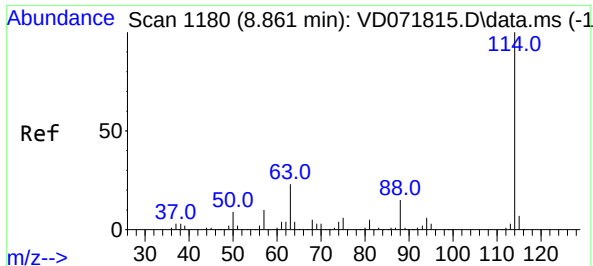
Tgt Ion: 65 Resp: 252998

Ion Ratio Lower Upper

65 100

67 50.9 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD071956.D

Acq: 14 Feb 2022 14:50

Instrument :

MSVOA_D

ClientSampleId :

TP1-C

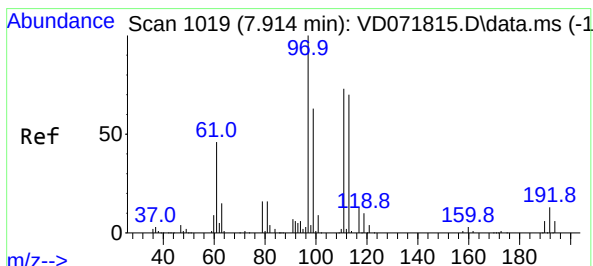
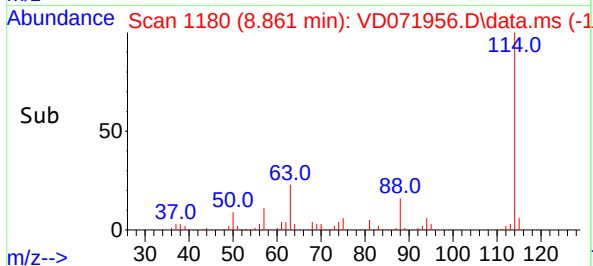
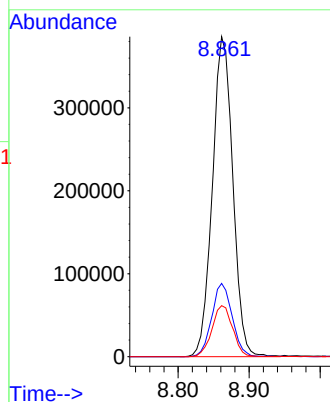
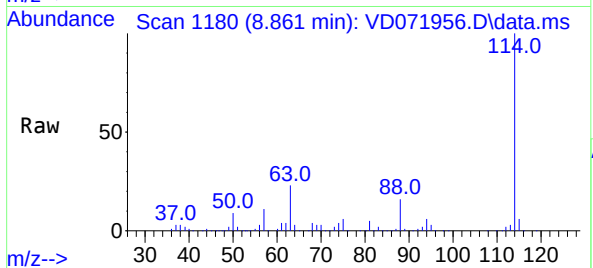
Tgt Ion:114 Resp: 769772

Ion Ratio Lower Upper

114 100

63 22.9 0.0 46.6

88 16.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.325 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD071956.D

Acq: 14 Feb 2022 14:50

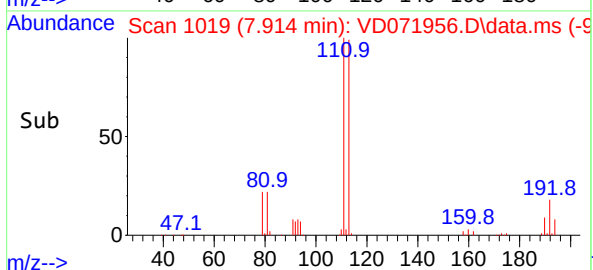
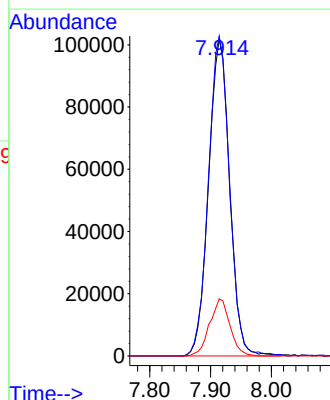
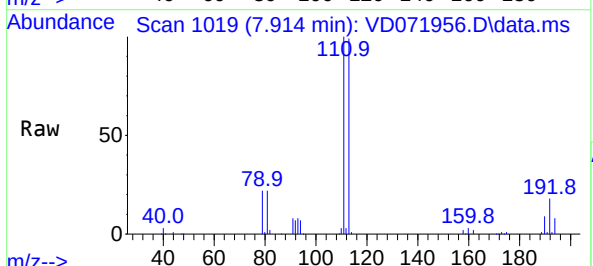
Tgt Ion:113 Resp: 244523

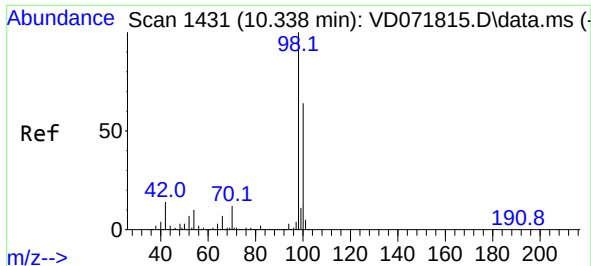
Ion Ratio Lower Upper

113 100

111 101.5 83.8 125.6

192 17.4 14.6 21.8

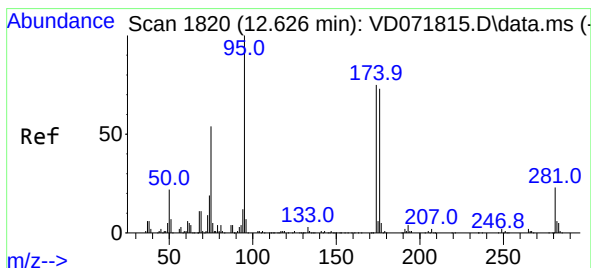
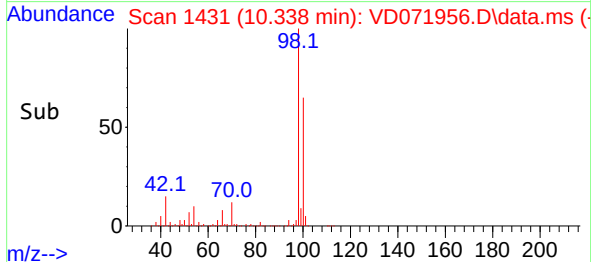
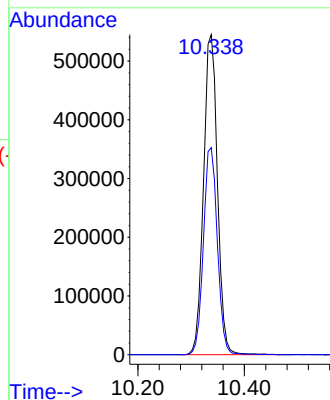
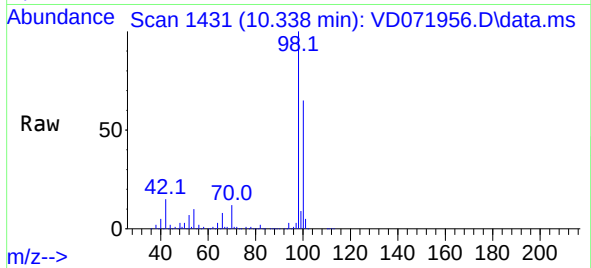




#50
Toluene-d8
Concen: 52.186 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071956.D
Acq: 14 Feb 2022 14:50

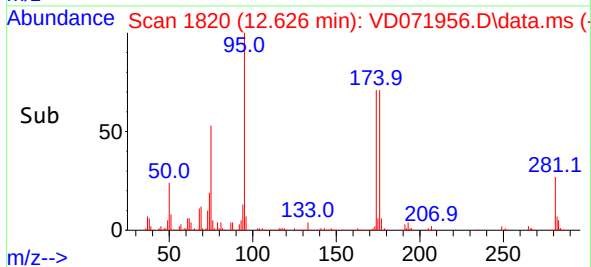
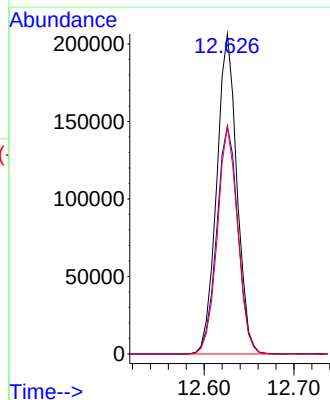
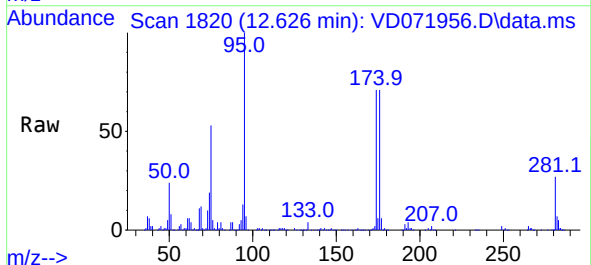
Instrument :
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TP1-C

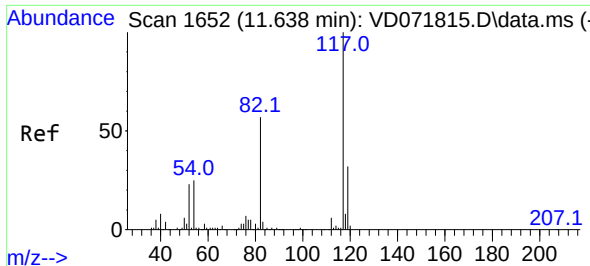
Tgt Ion: 98 Resp: 986168
Ion Ratio Lower Upper
98 100
100 64.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.866 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071956.D
Acq: 14 Feb 2022 14:50

Tgt Ion: 95 Resp: 322476
Ion Ratio Lower Upper
95 100
174 75.1 0.0 152.8
176 71.4 0.0 145.4

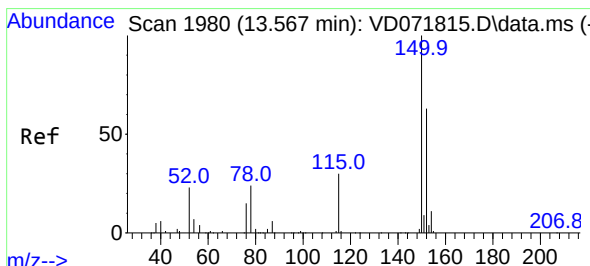
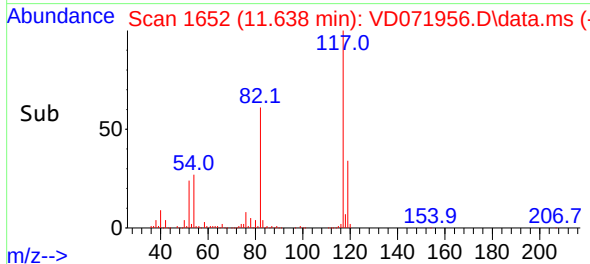
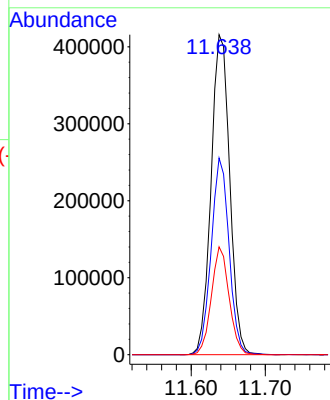
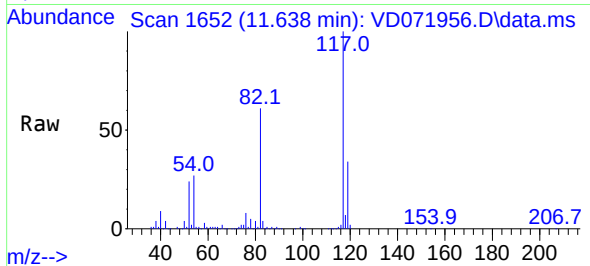




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071956.D
Acq: 14 Feb 2022 14:50

Instrument :
MSVOA_D
ClientSampleId :
TP1-C

Tgt Ion:117 Resp: 725605
Ion Ratio Lower Upper
117 100
82 61.4 45.3 67.9
119 33.7 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071956.D
Acq: 14 Feb 2022 14:50

Tgt Ion:152 Resp: 304578
Ion Ratio Lower Upper
152 100
115 62.2 31.3 93.8
150 159.4 0.0 348.6

