

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011022\
 Data File : VD071656.D
 Acq On : 10 Jan 2022 13:56
 Operator : VA/SY
 Sample : N1076-04
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04

Quant Time: Jan 11 04:08:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	10321	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	17588	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	15270	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	6375	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	9576	72.107	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	144.220%
35) Dibromofluoromethane	7.914	113	6000	51.620	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.240%
50) Toluene-d8	10.338	98	19899	45.734	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.460%
62) 4-Bromofluorobenzene	12.620	95	6133	40.001	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.000%

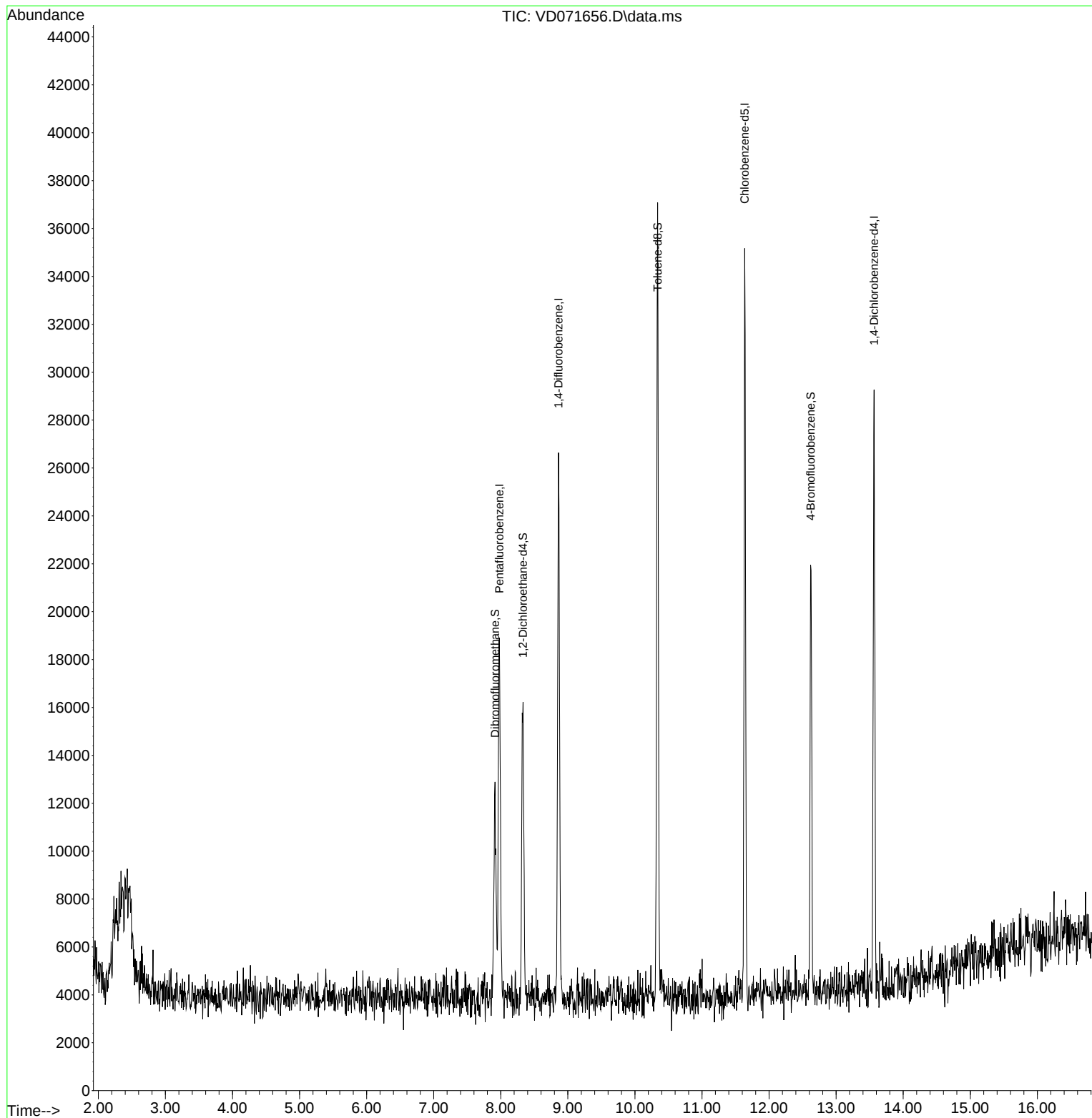
Target Compounds	Qvalue

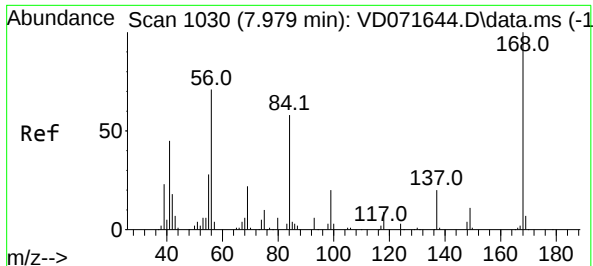
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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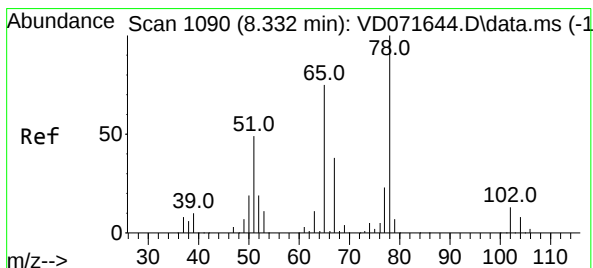
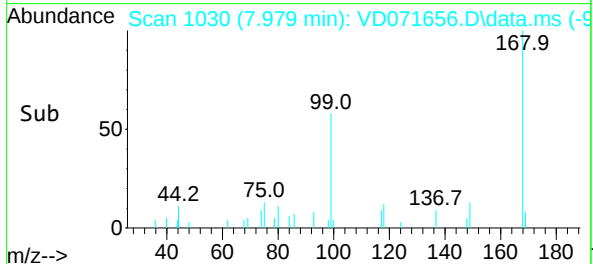
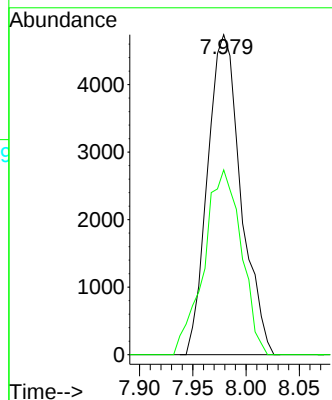
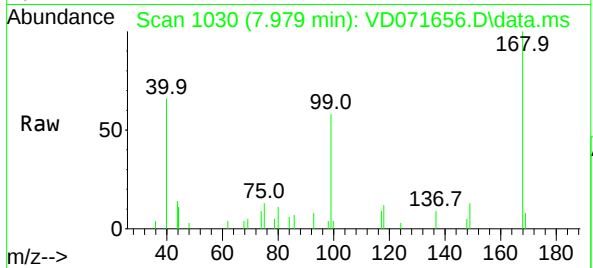




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071656.D
Acq: 10 Jan 2022 13:56

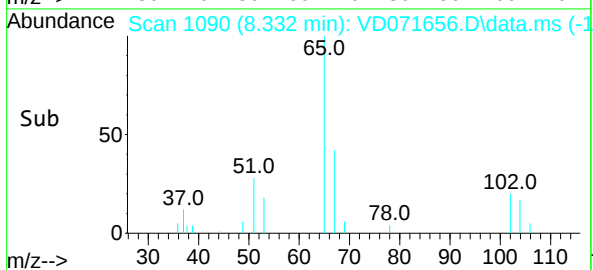
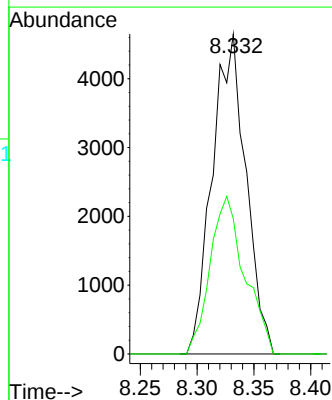
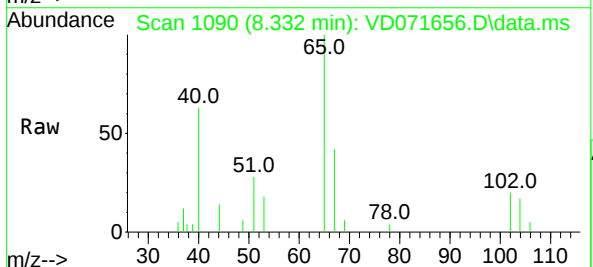
Instrument :
MSVOA_D
ClientSampleId :
SB-04

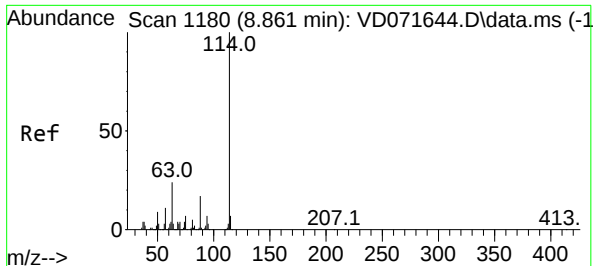
Tgt Ion:168 Resp: 10321
Ion Ratio Lower Upper
168 100
99 57.8 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 72.107 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD071656.D
Acq: 10 Jan 2022 13:56

Tgt Ion: 65 Resp: 9576
Ion Ratio Lower Upper
65 100
67 50.9 0.0 101.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD071656.D

Acq: 10 Jan 2022 13:56

Instrument :

MSVOA_D

ClientSampleId :

SB-04

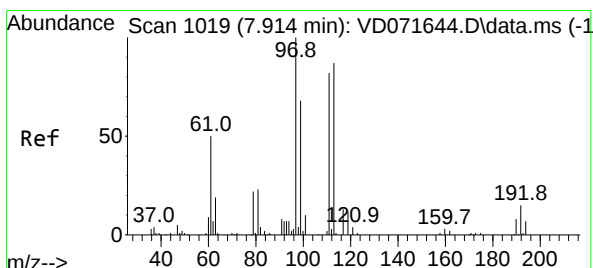
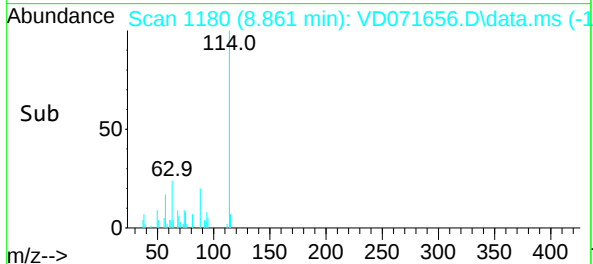
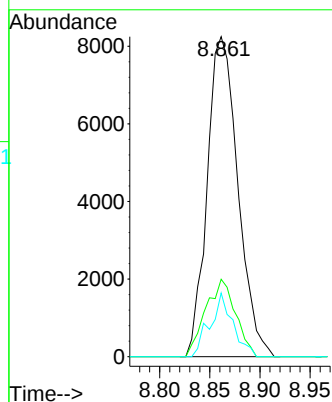
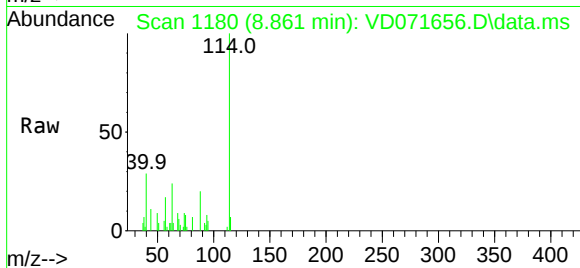
Tgt Ion:114 Resp: 17588

Ion Ratio Lower Upper

114 100

63 24.2 0.0 46.2

88 19.9 0.0 32.0



#35

Dibromofluoromethane

Concen: 51.620 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071656.D

Acq: 10 Jan 2022 13:56

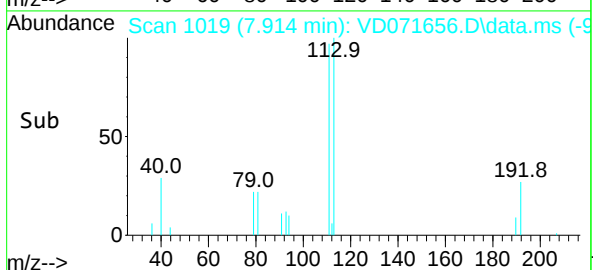
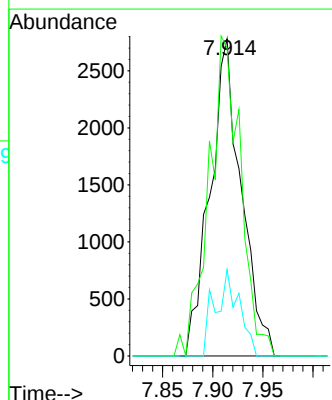
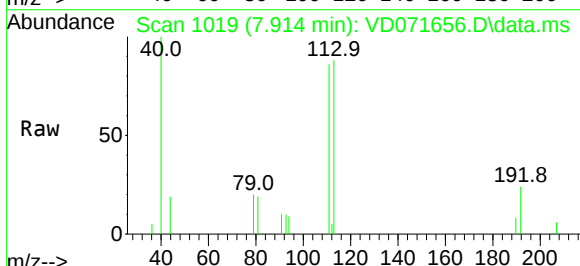
Tgt Ion:113 Resp: 6000

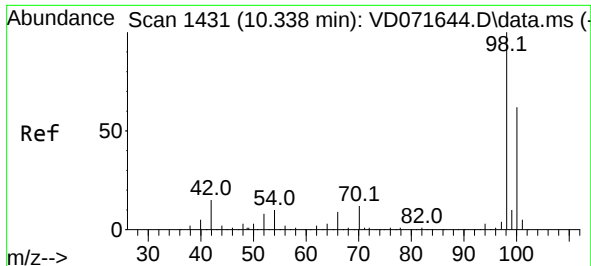
Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.4

192 20.8 14.2 21.2

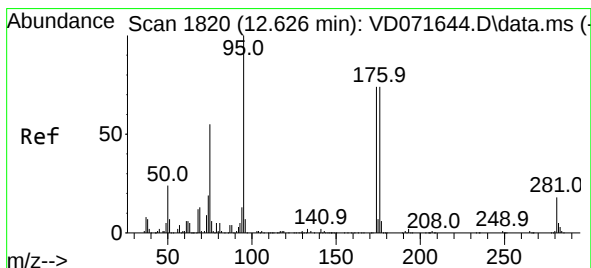
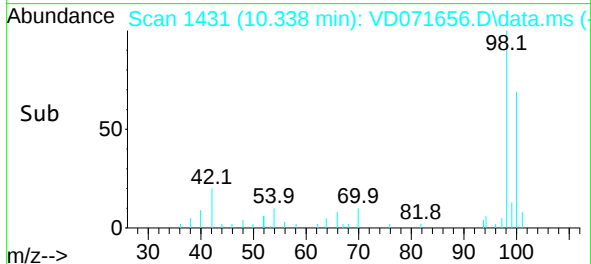
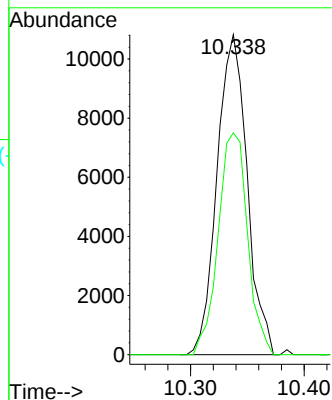
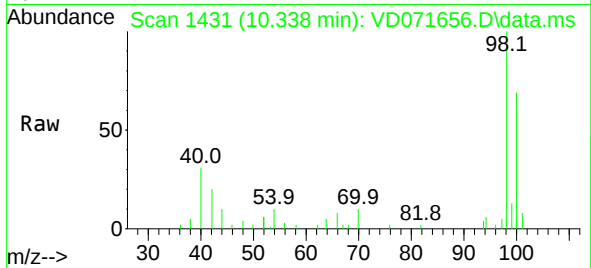




#50
Toluene-d8
Concen: 45.734 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.001 min
Lab File: VD071656.D
Acq: 10 Jan 2022 13:56

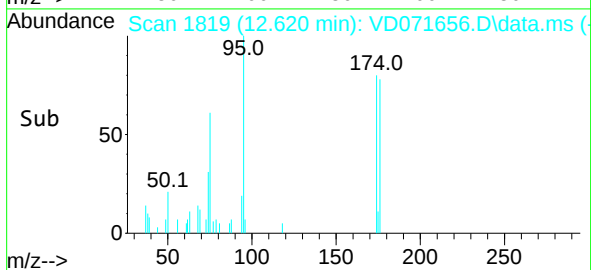
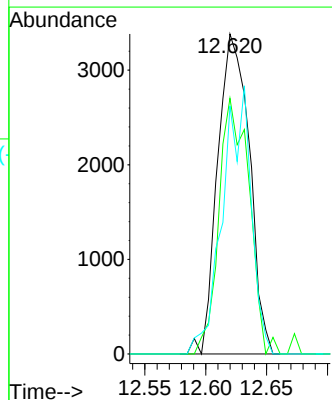
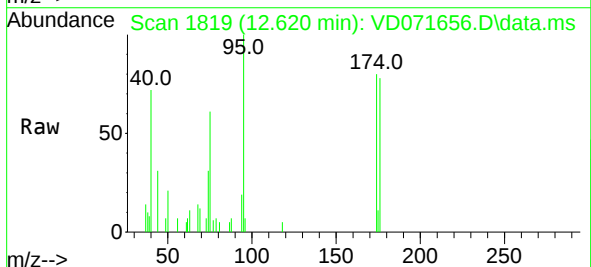
Instrument :
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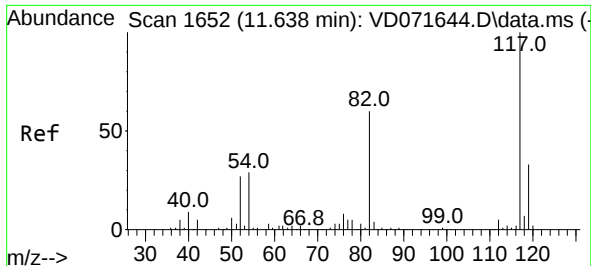
Tgt Ion: 98 Resp: 19899
Ion Ratio Lower Upper
98 100
100 67.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 40.001 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071656.D
Acq: 10 Jan 2022 13:56

Tgt Ion: 95 Resp: 6133
Ion Ratio Lower Upper
95 100
174 76.0 0.0 150.0
176 74.8 0.0 146.4

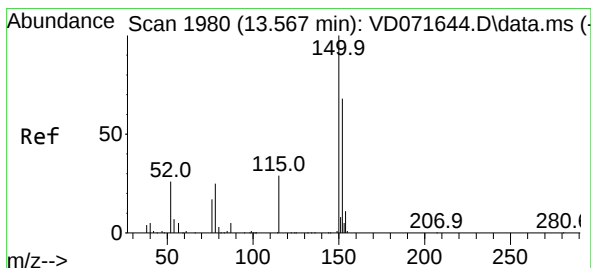
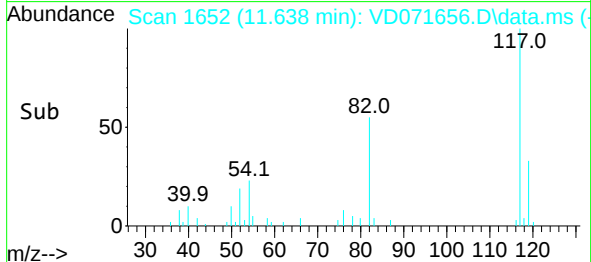
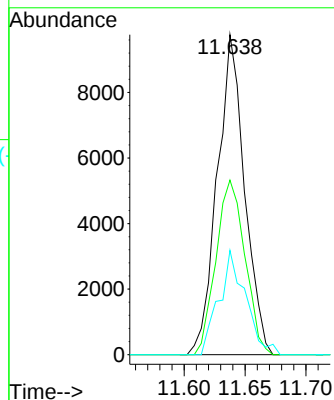
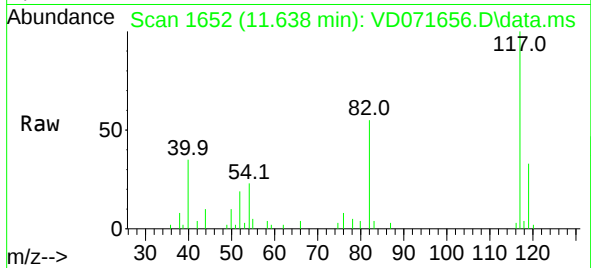




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD071656.D
Acq: 10 Jan 2022 13:56

Instrument :
MSVOA_D
ClientSampleId :
SB-04

Tgt Ion:117 Resp: 15270
Ion Ratio Lower Upper
117 100
82 54.6 46.9 70.3
119 32.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071656.D
Acq: 10 Jan 2022 13:56

Tgt Ion:152 Resp: 6375
Ion Ratio Lower Upper
152 100
115 56.0 31.5 94.5
150 153.1 0.0 348.0

