

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011022\
 Data File : VD071655.D
 Acq On : 10 Jan 2022 13:28
 Operator : VA/SY
 Sample : N1076-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01

Quant Time: Jan 11 04:07:58 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	7.985	168	16234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	29827	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	26056	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	10816	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	15224	72.882	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	145.760%
35) Dibromofluoromethane	7.920	113	9456	47.971	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.940%
50) Toluene-d8	10.344	98	33784	45.785	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.580%
62) 4-Bromofluorobenzene	12.626	95	10660	40.998	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.000%

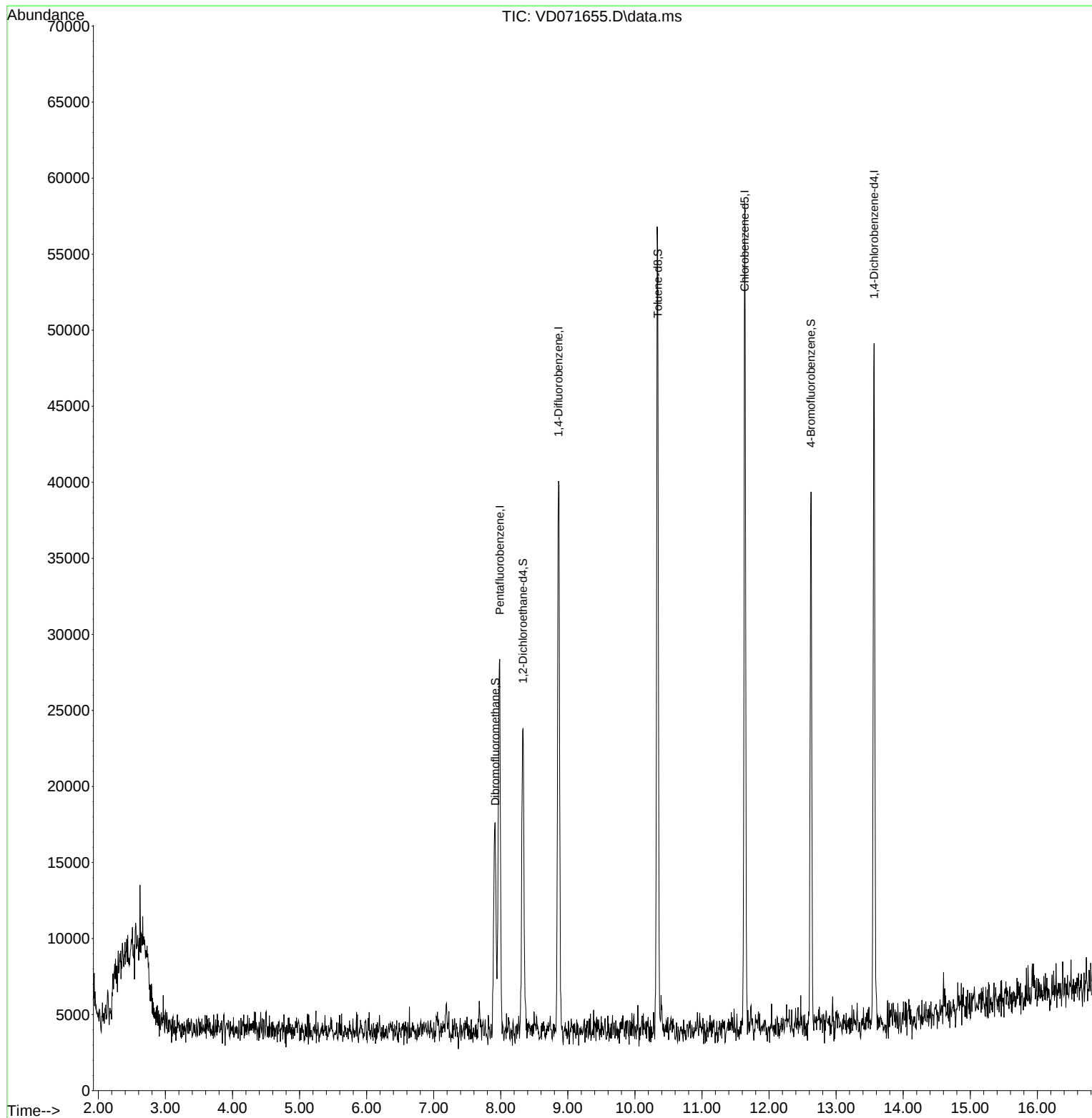
Target Compounds	Qvalue

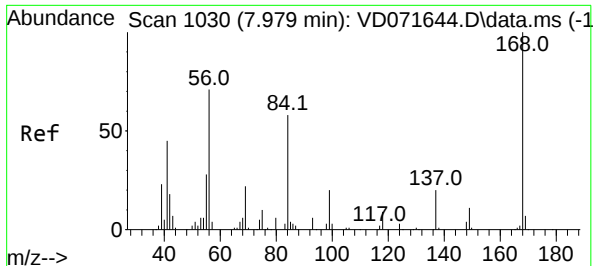
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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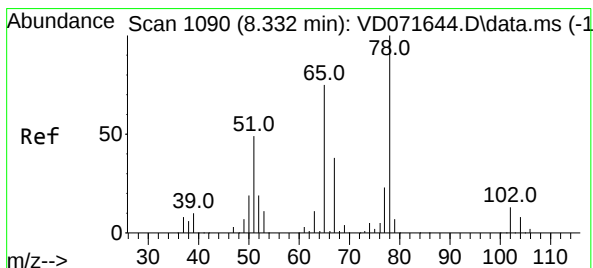
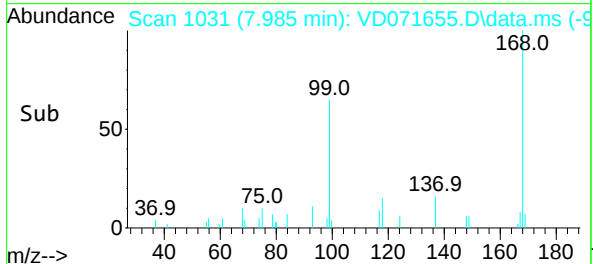
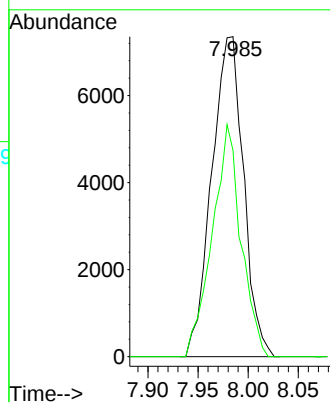
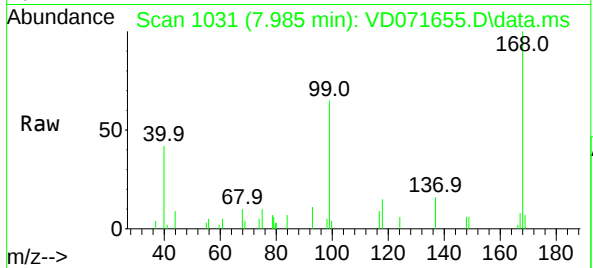




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD071655.D
Acq: 10 Jan 2022 13:28

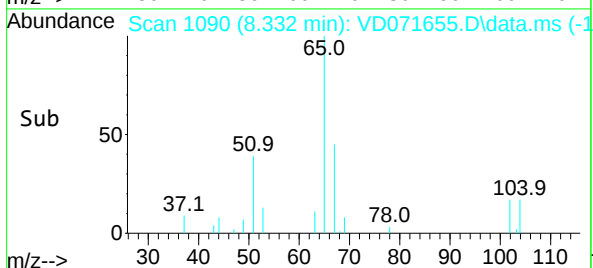
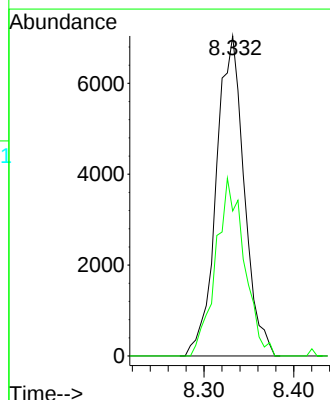
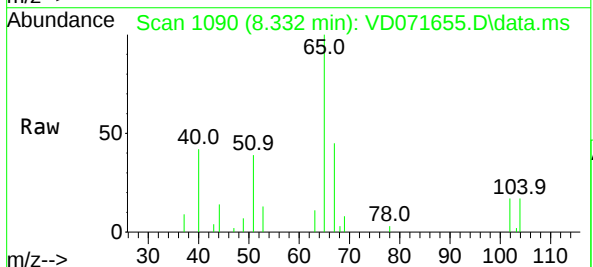
Instrument :
MSVOA_D
ClientSampleId :
SB-01

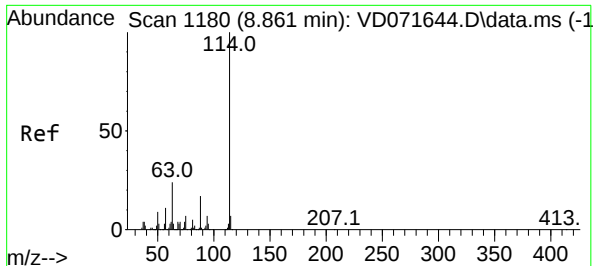
Tgt Ion:168 Resp: 16234
Ion Ratio Lower Upper
168 100
99 64.5 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 72.882 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD071655.D
Acq: 10 Jan 2022 13:28

Tgt Ion: 65 Resp: 15224
Ion Ratio Lower Upper
65 100
67 56.9 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: VD071655.D

Acq: 10 Jan 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

SB-01

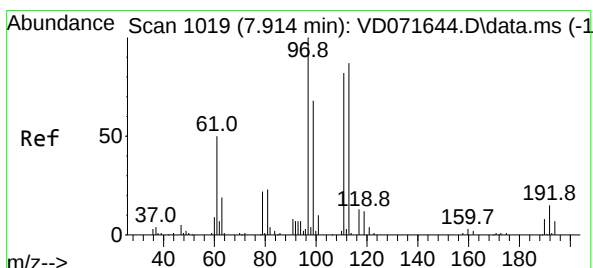
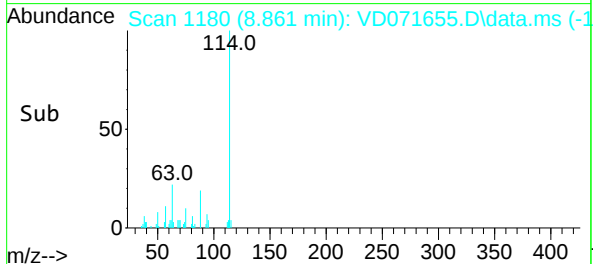
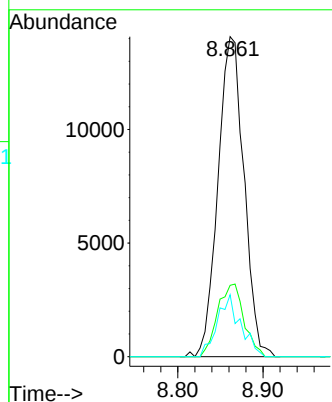
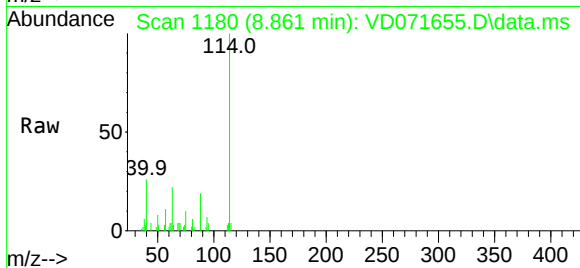
Tgt Ion:114 Resp: 29827

Ion Ratio Lower Upper

114 100

63 22.3 0.0 46.2

88 19.3 0.0 32.0



#35

Dibromofluoromethane

Concen: 47.971 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.006 min

Lab File: VD071655.D

Acq: 10 Jan 2022 13:28

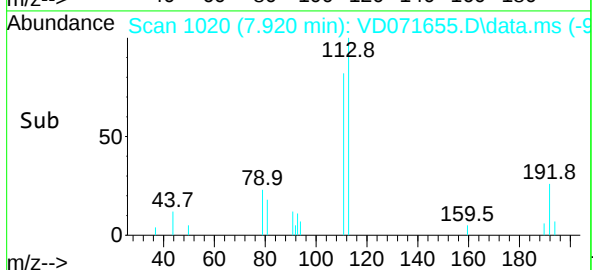
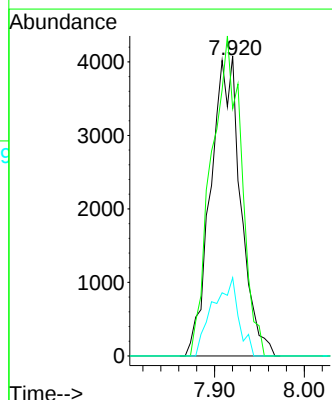
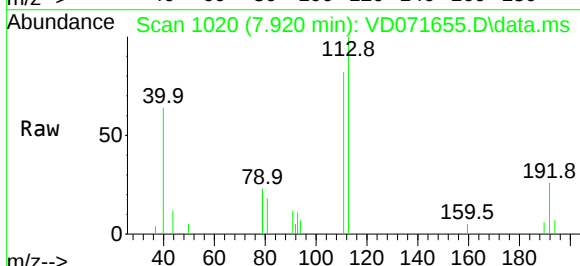
Tgt Ion:113 Resp: 9456

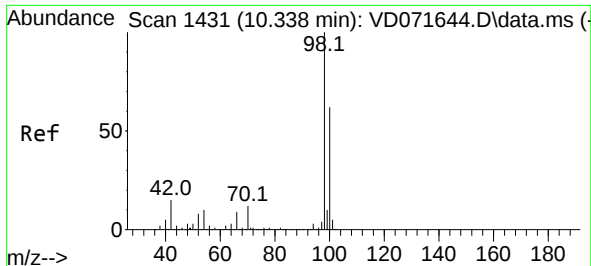
Ion Ratio Lower Upper

113 100

111 106.9 82.2 123.4

192 22.4 14.2 21.2#

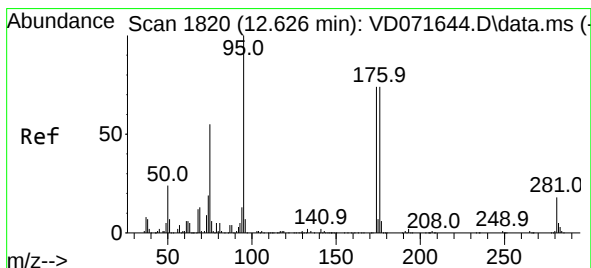
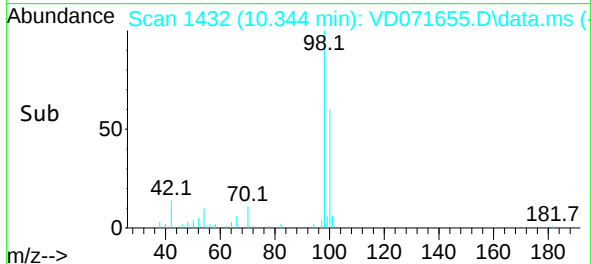
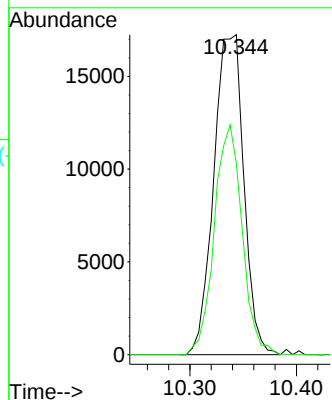
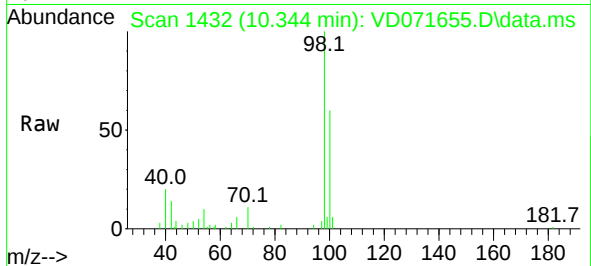




#50
Toluene-d8
Concen: 45.785 ug/l
RT: 10.344 min Scan# 1431
Delta R.T. 0.007 min
Lab File: VD071655.D
Acq: 10 Jan 2022 13:28

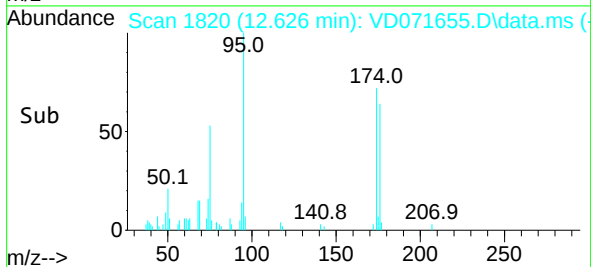
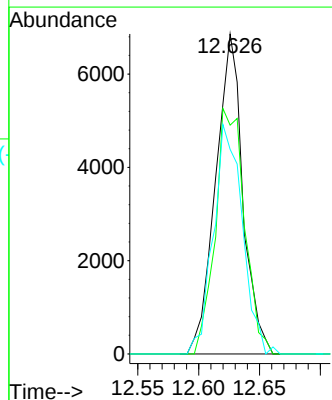
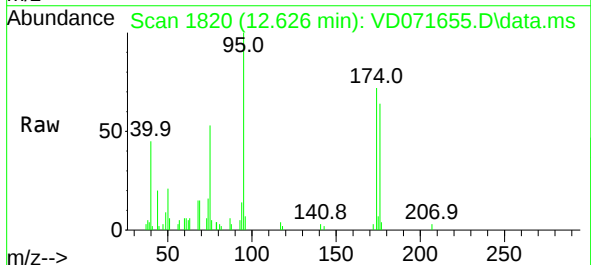
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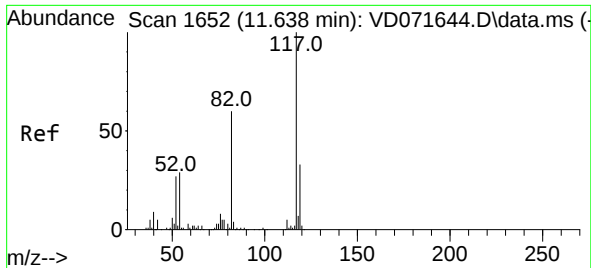
Tgt Ion: 98 Resp: 33784
Ion Ratio Lower Upper
98 100
100 66.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 40.998 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071655.D
Acq: 10 Jan 2022 13:28

Tgt Ion: 95 Resp: 10660
Ion Ratio Lower Upper
95 100
174 82.6 0.0 150.0
176 76.5 0.0 146.4

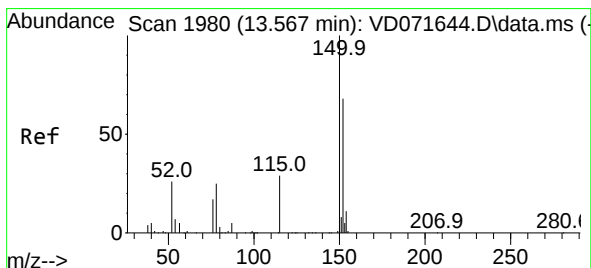
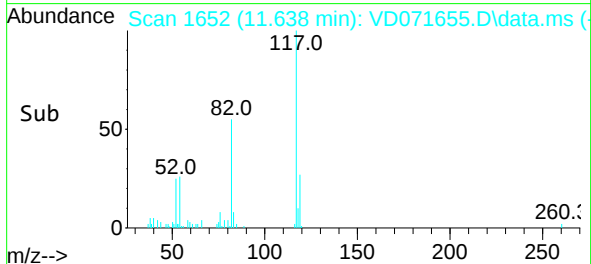
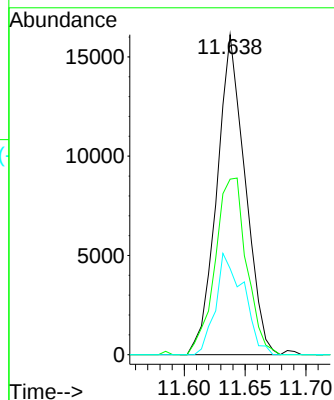
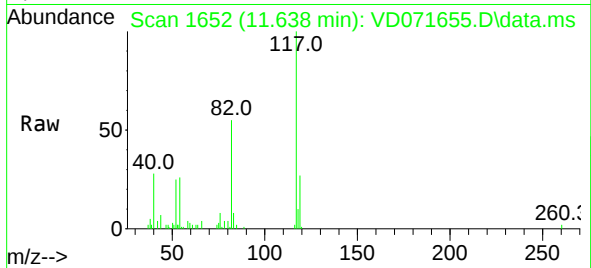




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.001 min
Lab File: VD071655.D
Acq: 10 Jan 2022 13:28

Instrument :
MSVOA_D
ClientSampleId :
SB-01

Tgt Ion:	117	Resp:	26056
Ion	Ratio	Lower	Upper
117	100		
82	54.8	46.9	70.3
119	26.9	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: VD071655.D
Acq: 10 Jan 2022 13:28

Tgt Ion:	152	Resp:	10816
Ion	Ratio	Lower	Upper
152	100		
115	64.8	31.5	94.5
150	154.6	0.0	348.0

