

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071921\
 Data File : VD069756.D
 Acq On : 19 Jul 2021 17:18
 Operator : VA/SY
 Sample : M3039-05
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-02-9.0-9.5

Quant Time: Jul 20 02:14:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	19856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	35899	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	43544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	21745	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	20153	81.286	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	162.580%
35) Dibromofluoromethane	7.908	113	11318	46.994	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.980%
50) Toluene-d8	10.338	98	46466	49.661	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.320%
62) 4-Bromofluorobenzene	12.620	95	20553	65.864	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	131.720%

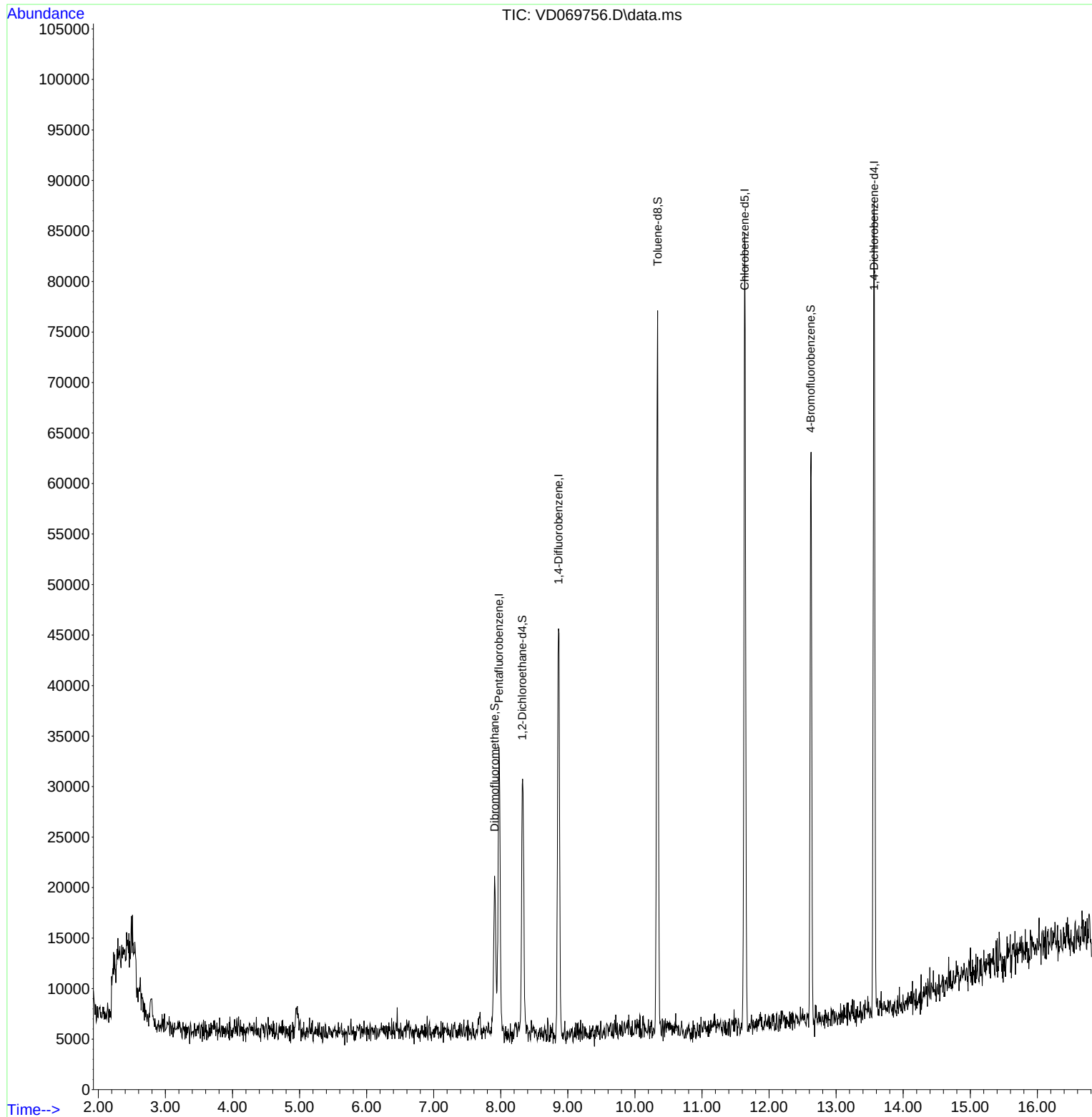
Target Compounds	Qvalue

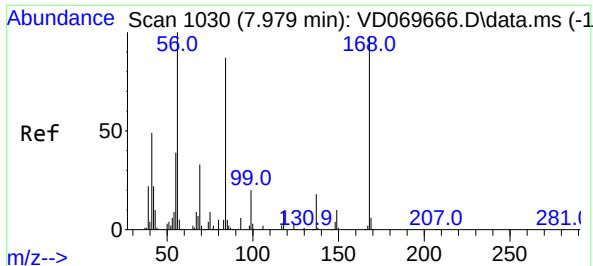
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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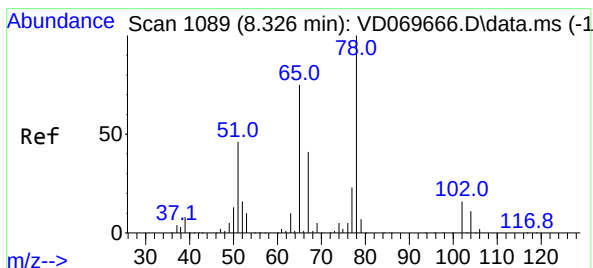
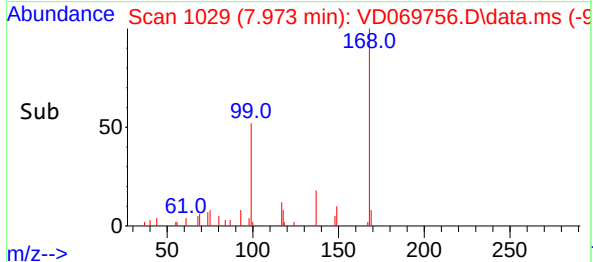
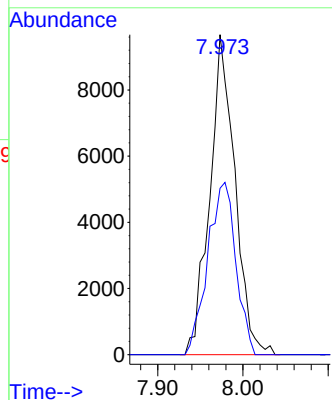
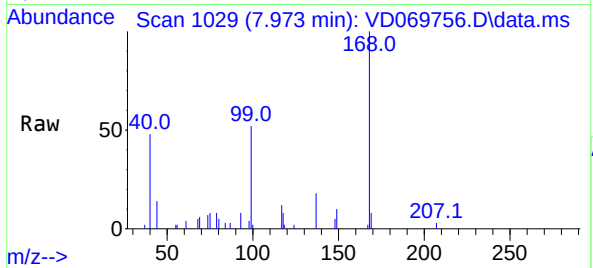




Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD069756.D
Acq: 19 Jul 2021 17:18

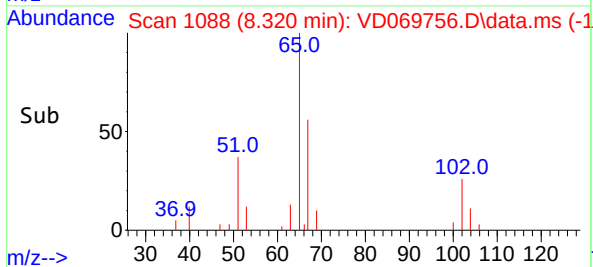
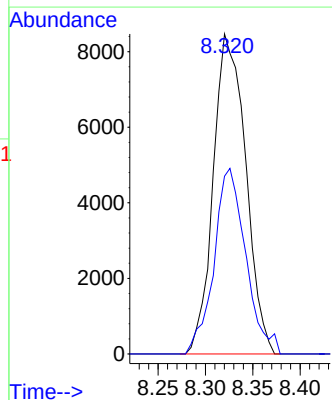
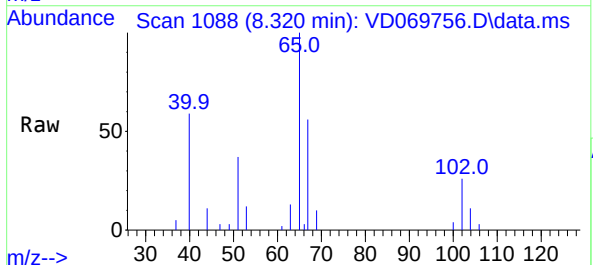
Instrument :
MSVOA_D
ClientSampleId :
SB-02-9.0-9.5

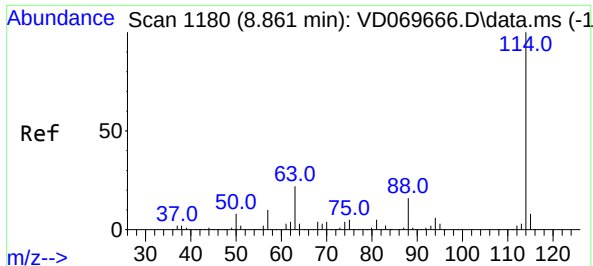
Tgt Ion:168 Resp: 19856
Ion Ratio Lower Upper
168 100
99 52.0 51.8 77.6



1,2-Dichloroethane-d4
Concen: 81.286 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD069756.D
Acq: 19 Jul 2021 17:18

Tgt Ion: 65 Resp: 20153
Ion Ratio Lower Upper
65 100
67 56.9 0.0 107.2

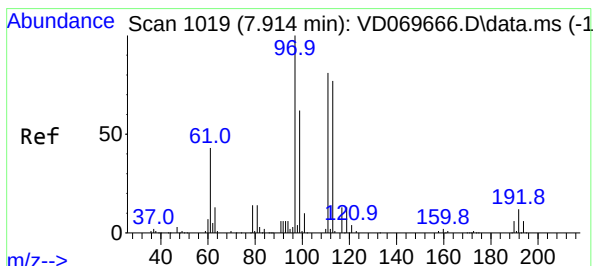
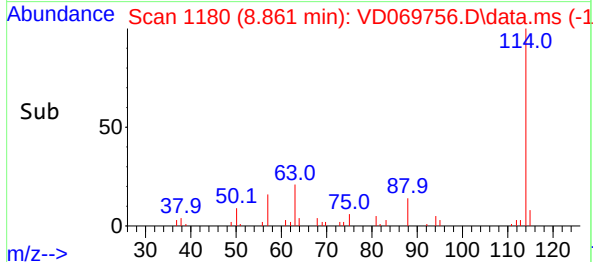
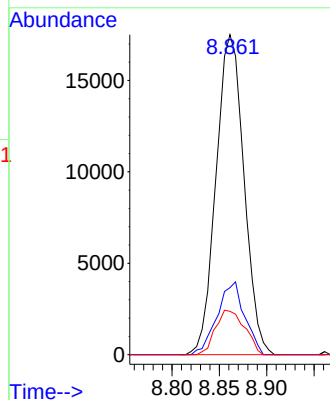
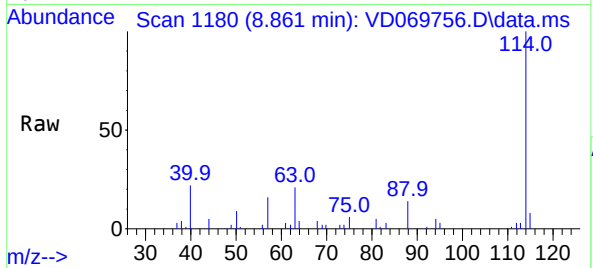




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069756.D
Acq: 19 Jul 2021 17:18

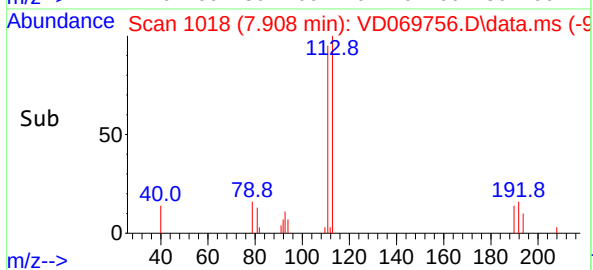
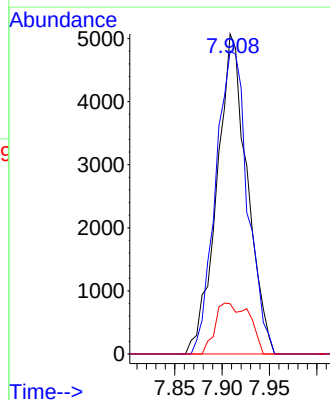
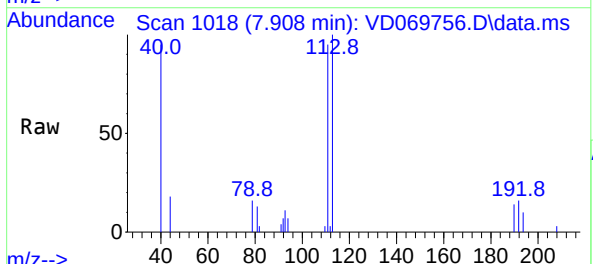
Instrument :
MSVOA_D
ClientSampleId :
SB-02-9.0-9.5

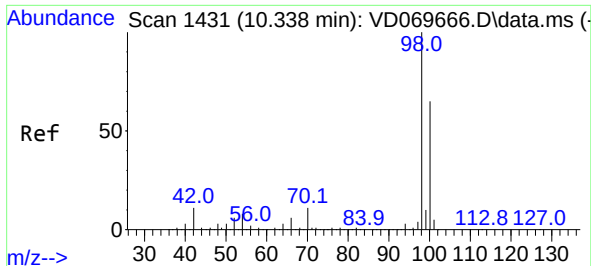
Tgt Ion:	114	Resp:	35899
Ion Ratio	Lower	Upper	
114	100		
63	21.0	0.0	43.4
88	13.6	0.0	32.0



#35
Dibromofluoromethane
Concen: 46.994 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069756.D
Acq: 19 Jul 2021 17:18

Tgt Ion:	113	Resp:	11318
Ion Ratio	Lower	Upper	
113	100		
111	99.8	82.6	123.8
192	17.7	12.7	19.1

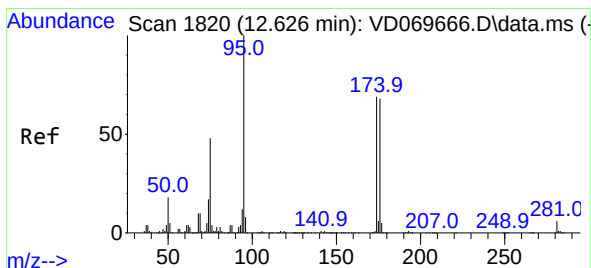
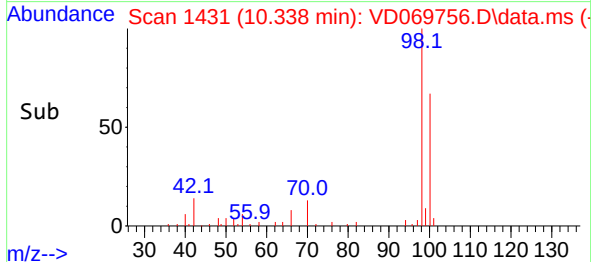
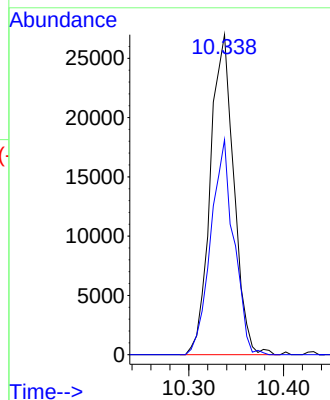
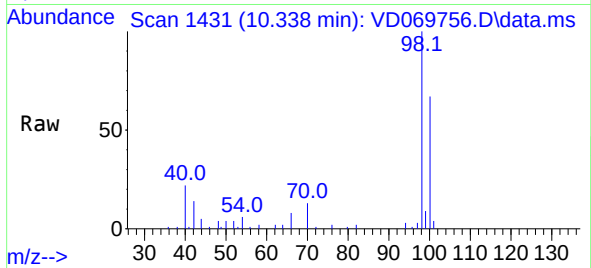




#50
Toluene-d8
Concen: 49.661 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069756.D
Acq: 19 Jul 2021 17:18

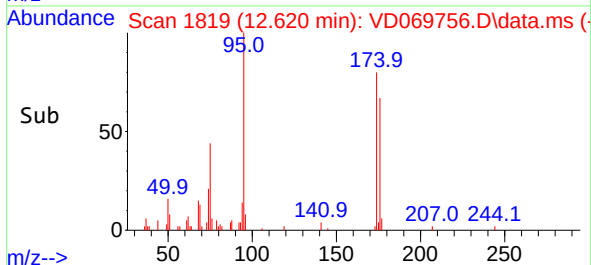
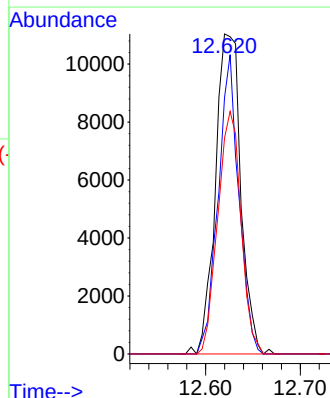
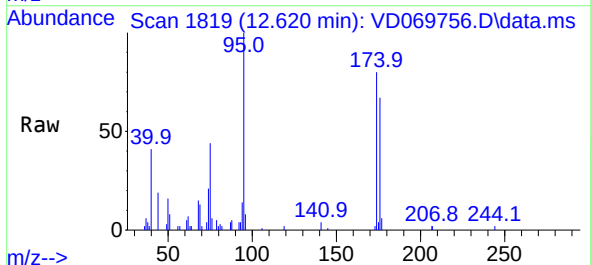
Instrument :
MSVOA_D
ClientSampleId :
SB-02-9.0-9.5

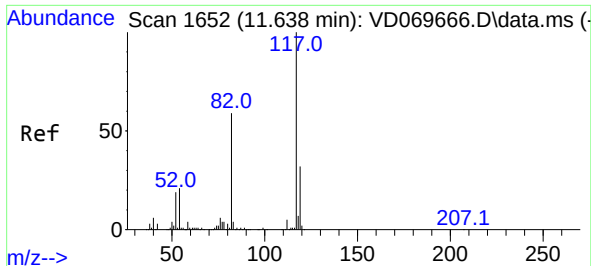
Tgt Ion: 98 Resp: 46466
Ion Ratio Lower Upper
98 100
100 66.0 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 65.864 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD069756.D
Acq: 19 Jul 2021 17:18

Tgt Ion: 95 Resp: 20553
Ion Ratio Lower Upper
95 100
174 76.4 0.0 140.0
176 69.3 0.0 136.2

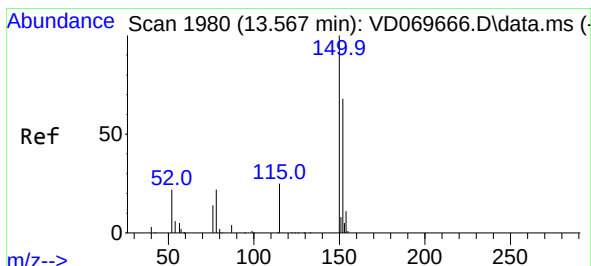
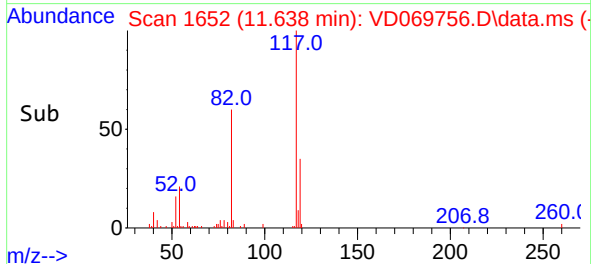
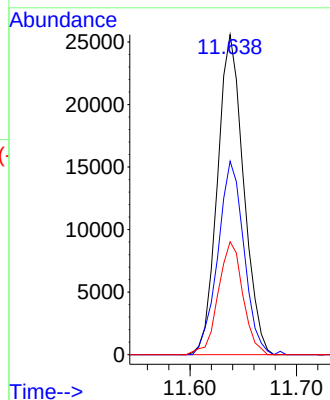
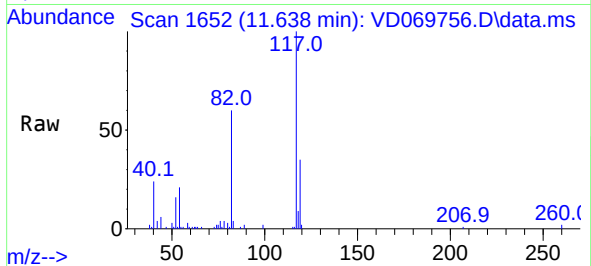




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069756.D
Acq: 19 Jul 2021 17:18

Instrument :
MSVOA_D
ClientSampleId :
SB-02-9.0-9.5

Tgt Ion:	117	Resp:	43544
Ion	Ratio	Lower	Upper
117	100		
82	60.5	47.4	71.2
119	35.3	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069756.D
Acq: 19 Jul 2021 17:18

Tgt Ion:	152	Resp:	21745
Ion	Ratio	Lower	Upper
152	100		
115	60.7	31.7	95.1
150	154.0	0.0	350.4

