

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071921\
 Data File : VD069755.D
 Acq On : 19 Jul 2021 16:50
 Operator : VA/SY
 Sample : M3039-03
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-9.5-10.0

Quant Time: Jul 20 02:13:43 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	7.979	168	11194	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	17790	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	23510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	11454	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	9588	68.598	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.200%
35) Dibromofluoromethane	7.920	113	5800	48.597	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.200%
50) Toluene-d8	10.332	98	23244	50.130	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.260%
62) 4-Bromofluorobenzene	12.626	95	10822	69.982	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	139.960%

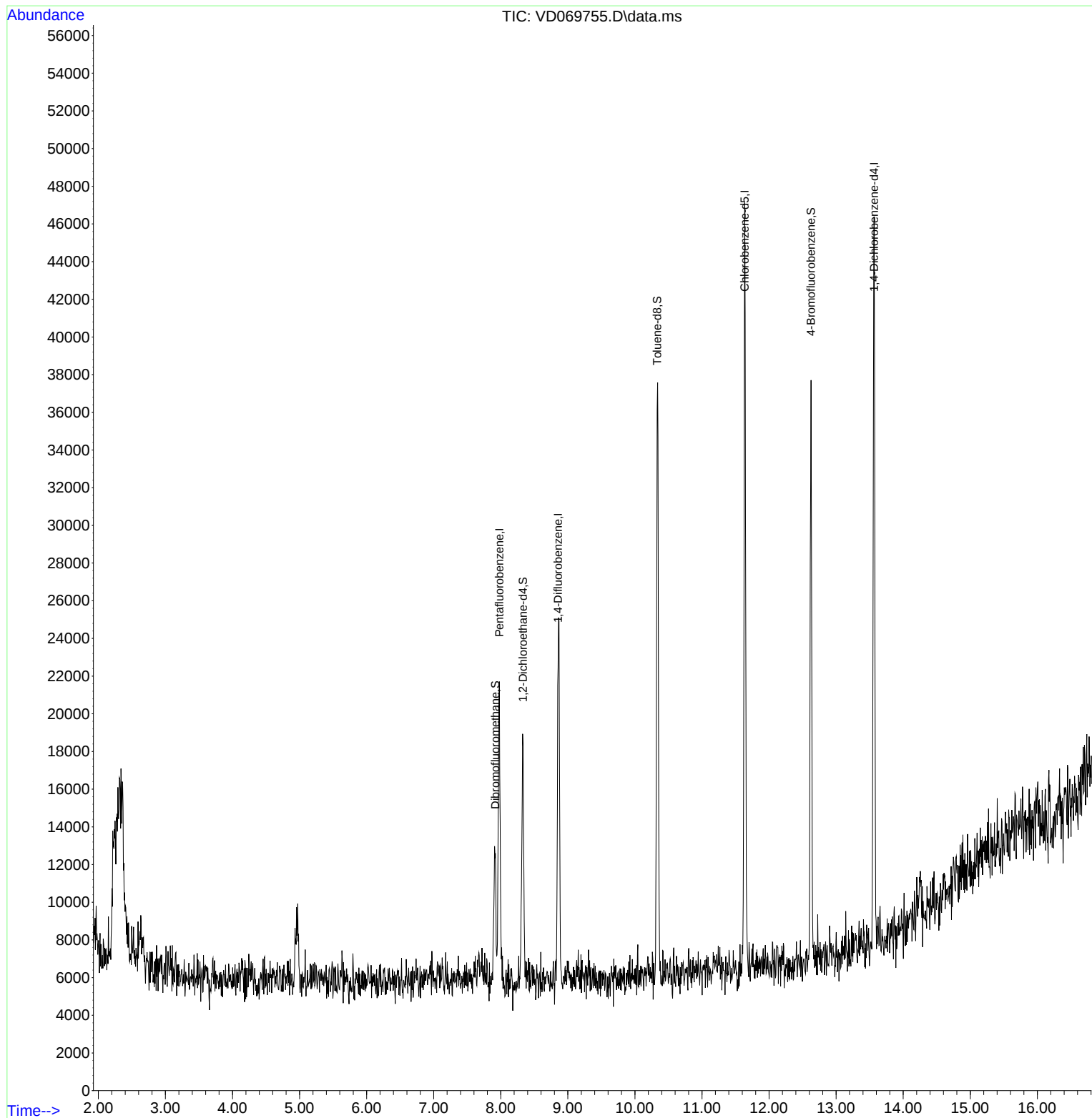
Target Compounds	Qvalue

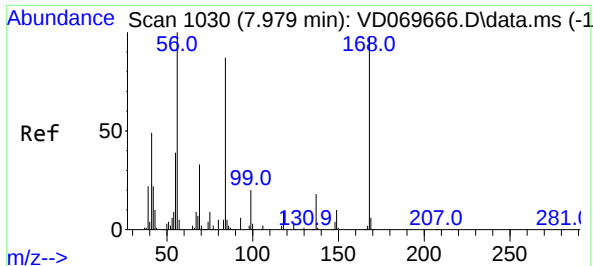
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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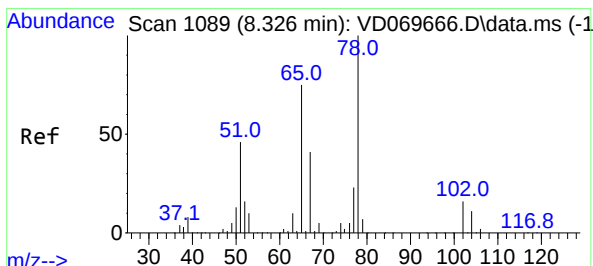
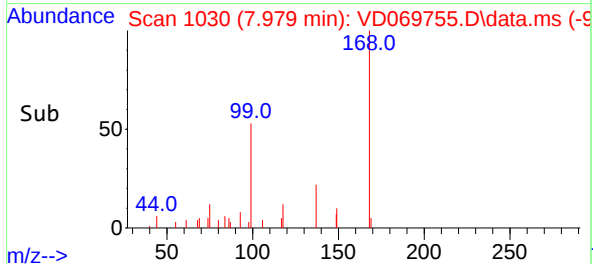
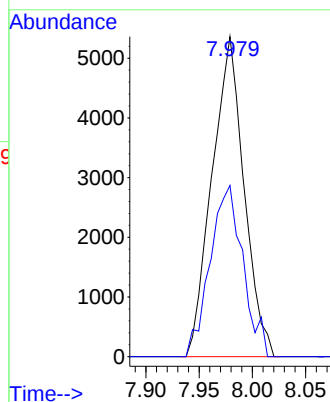
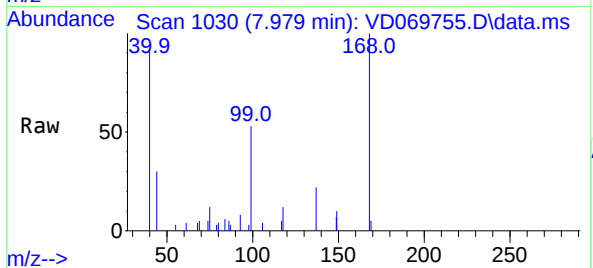




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069755.D
Acq: 19 Jul 2021 16:50

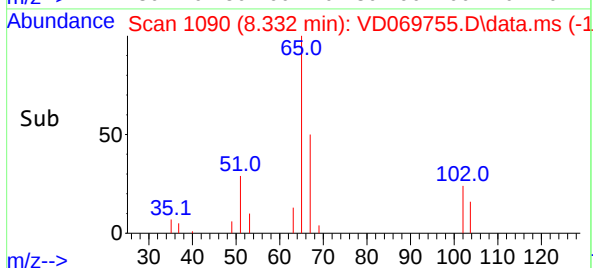
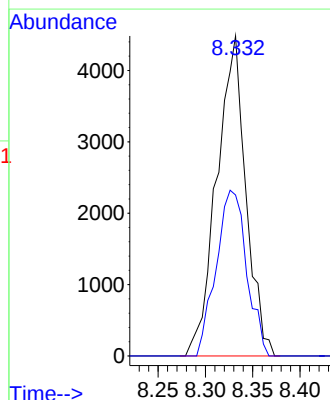
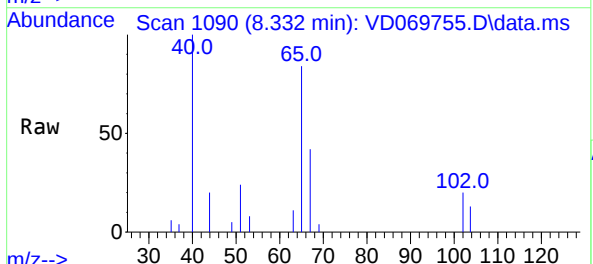
Instrument :
MSVOA_D
ClientSampleId :
SB-01-9.5-10.0

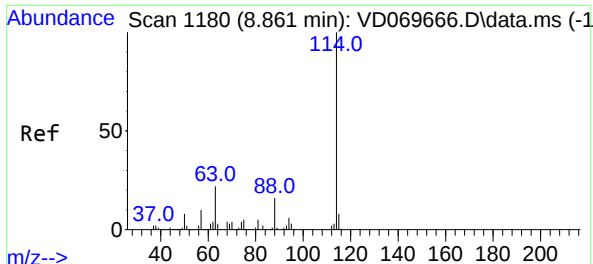
Tgt Ion:168 Resp: 11194
Ion Ratio Lower Upper
168 100
99 53.5 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 68.598 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069755.D
Acq: 19 Jul 2021 16:50

Tgt Ion: 65 Resp: 9588
Ion Ratio Lower Upper
65 100
67 54.3 0.0 107.2



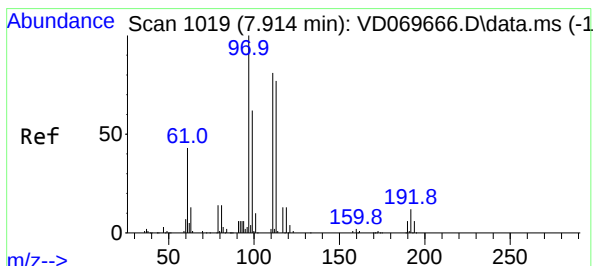
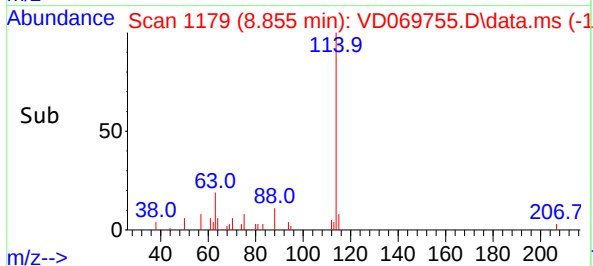
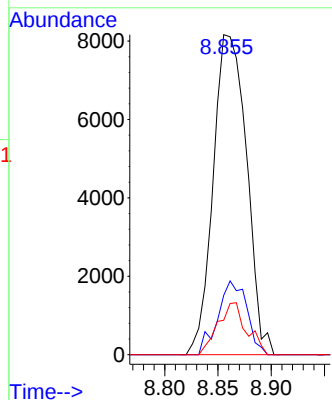
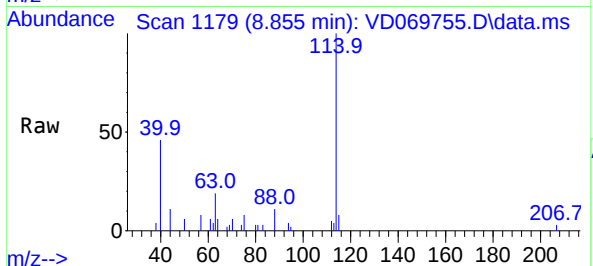


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD069755.D
Acq: 19 Jul 2021 16:50

Instrument :
MSVOA_D
ClientSampleId :
SB-01-9.5-10.0

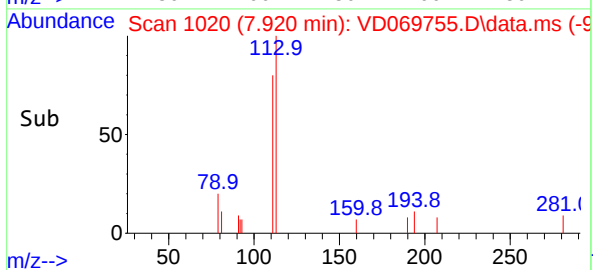
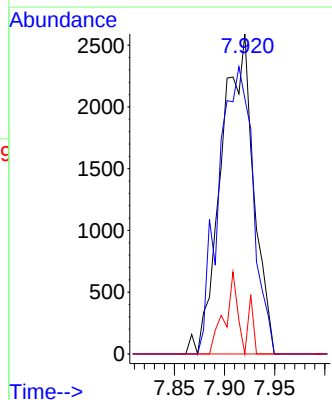
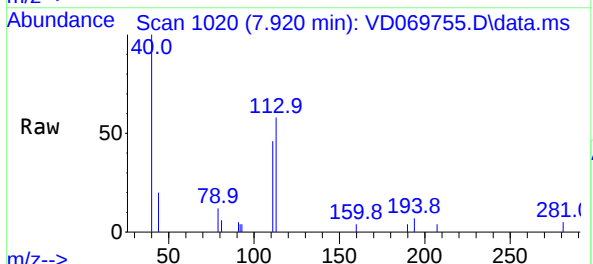
Tgt Ion:	114	Resp:	17790
Ion Ratio	Lower	Upper	
114	100		
63	18.5	0.0	43.4
88	10.8	0.0	32.0

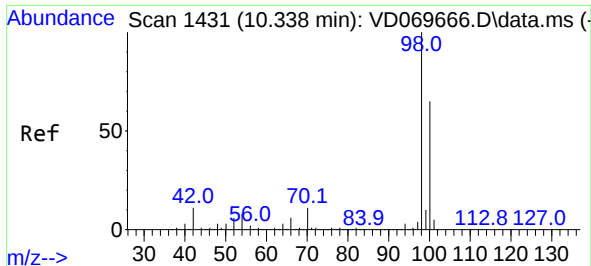


#35

Dibromofluoromethane
Concen: 48.597 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VD069755.D
Acq: 19 Jul 2021 16:50

Tgt Ion:	113	Resp:	5800
Ion Ratio	Lower	Upper	
113	100		
111	95.0	82.6	123.8
192	10.1	12.7	19.1#

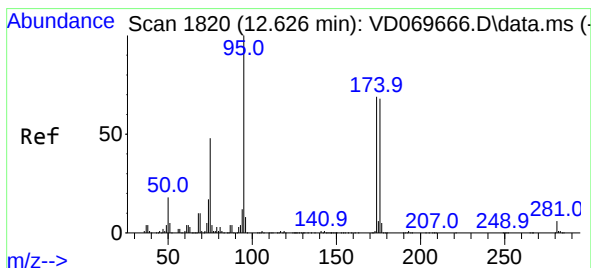
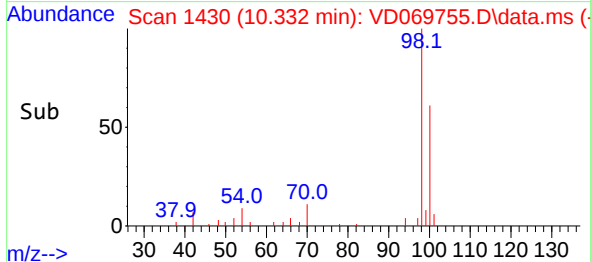
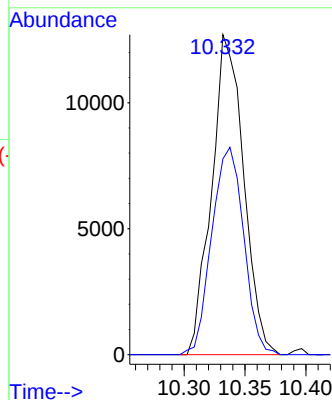
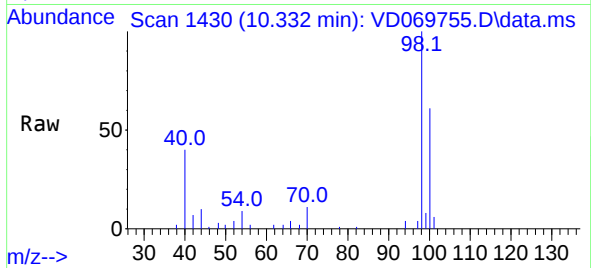




#50
Toluene-d8
Concen: 50.130 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD069755.D
Acq: 19 Jul 2021 16:50

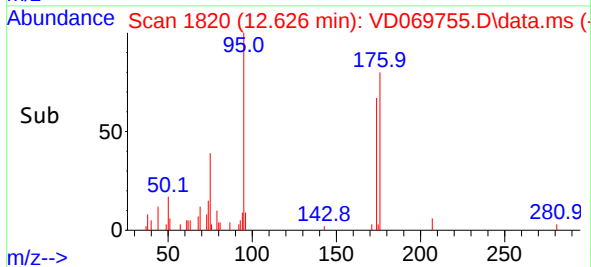
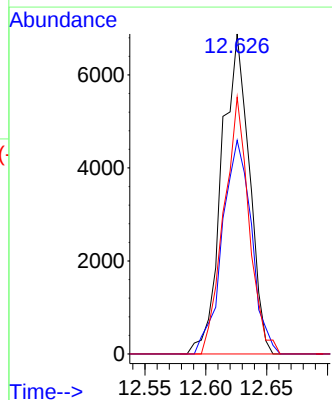
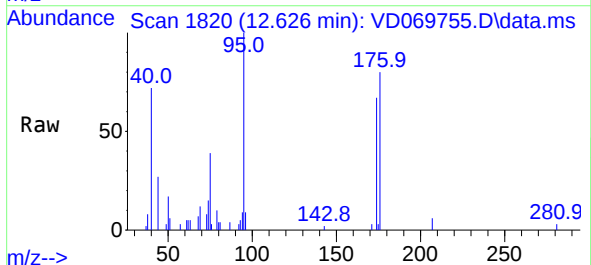
Instrument :
MSVOA_D
ClientSampleId :
SB-01-9.5-10.0

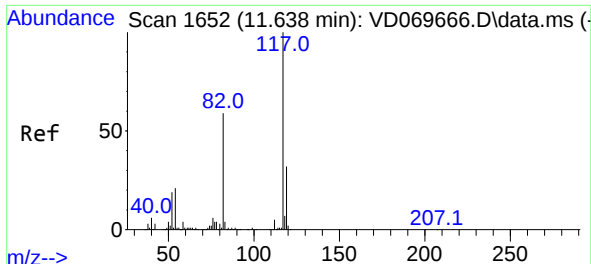
Tgt Ion: 98 Resp: 23244
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 69.982 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069755.D
Acq: 19 Jul 2021 16:50

Tgt Ion: 95 Resp: 10822
Ion Ratio Lower Upper
95 100
174 70.9 0.0 140.0
176 73.3 0.0 136.2

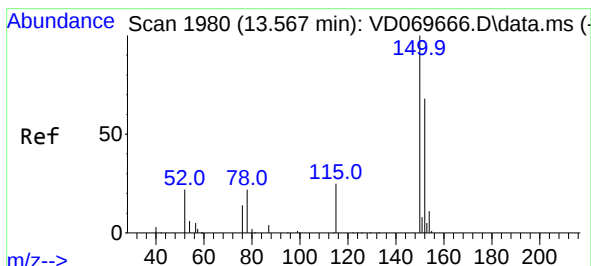
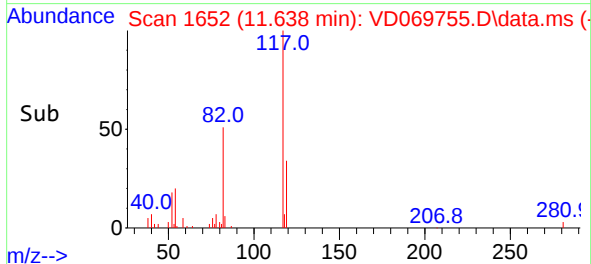
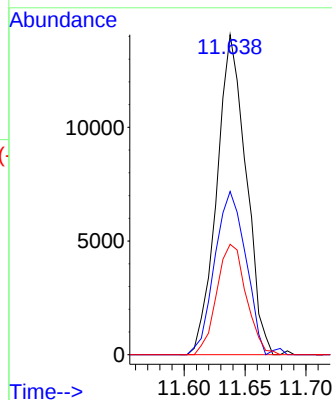
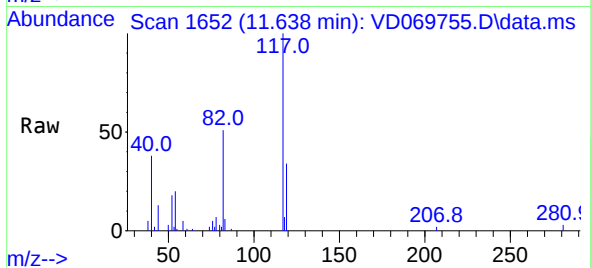




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069755.D
Acq: 19 Jul 2021 16:50

Instrument :
MSVOA_D
ClientSampleId :
SB-01-9.5-10.0

Tgt Ion:	117	Resp:	23510
Ion	Ratio	Lower	Upper
117	100		
82	51.0	47.4	71.2
119	34.5	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: VD069755.D
Acq: 19 Jul 2021 16:50

Tgt Ion:	152	Resp:	11454
Ion	Ratio	Lower	Upper
152	100		
115	58.6	31.7	95.1
150	146.9	0.0	350.4

