

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072321\
 Data File : VD069822.D
 Acq On : 23 Jul 2021 12:02
 Operator : VA/SY
 Sample : VD0723SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0723SBL01

Quant Time: Jul 24 01:33:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	518415	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1025778	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	977347	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	400072	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	319554	53.596	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.200%
35) Dibromofluoromethane	7.914	113	301037	46.553	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.100%
50) Toluene-d8	10.338	98	1100307	44.128	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.260%
62) 4-Bromofluorobenzene	12.626	95	329894	39.588	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.180%

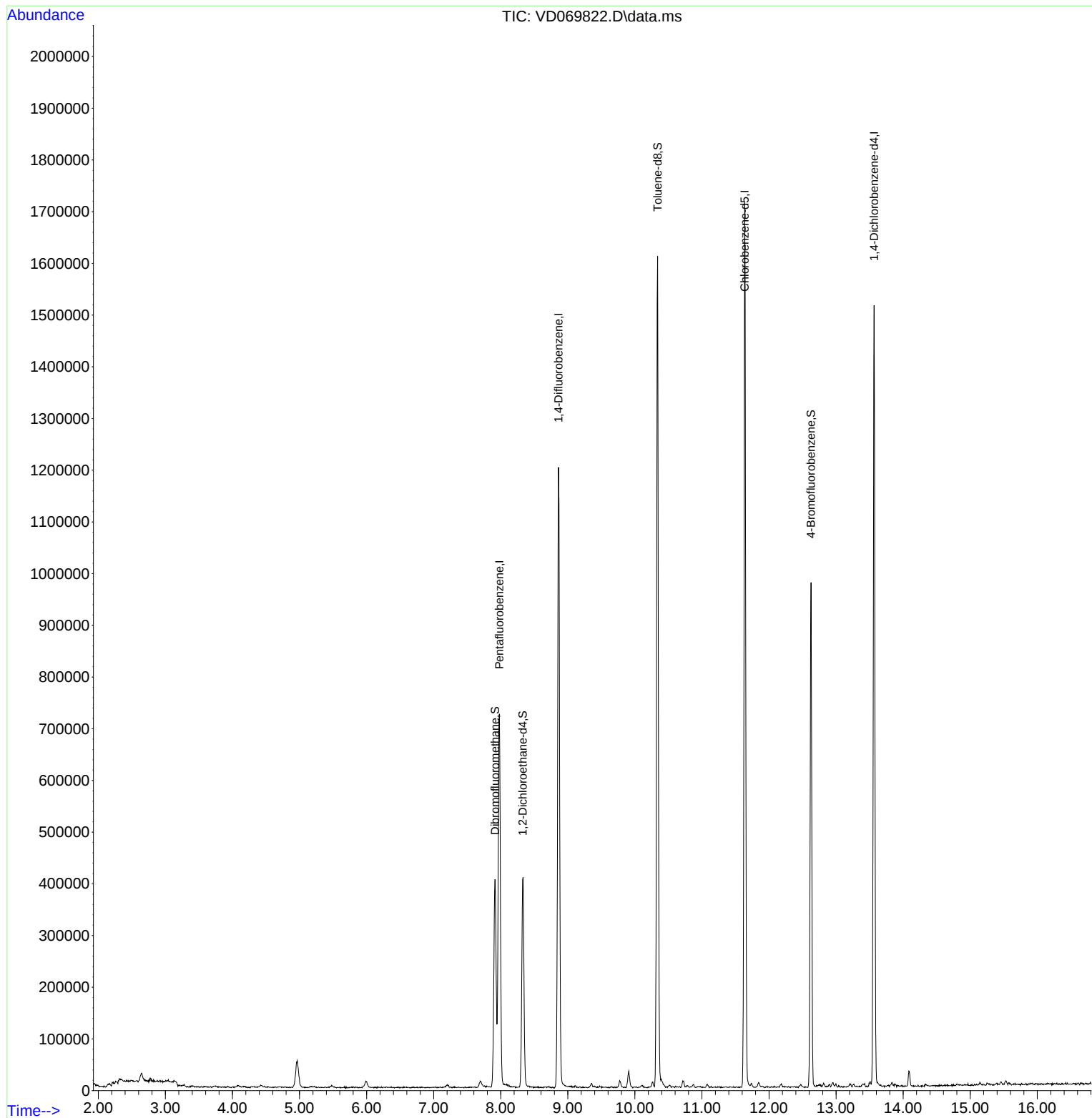
Target Compounds	Qvalue

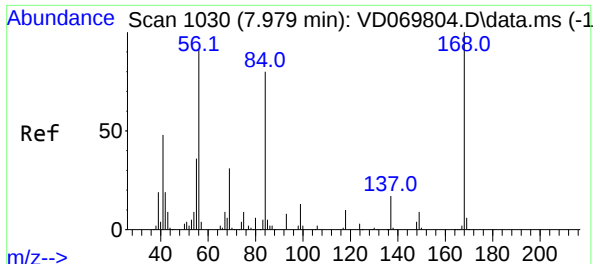
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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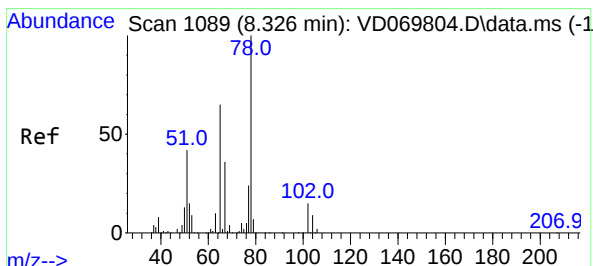
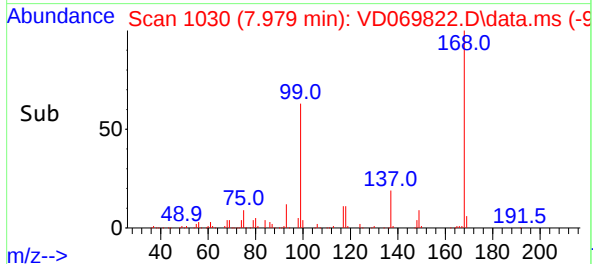
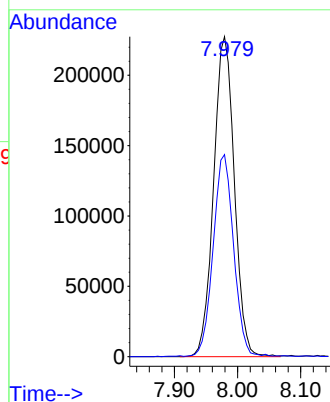
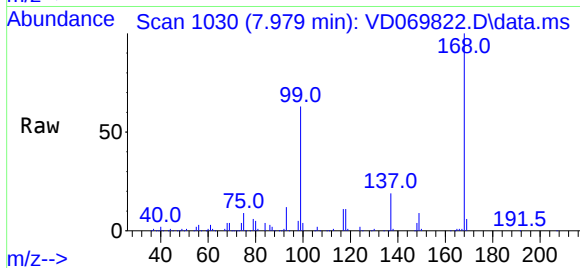




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069822.D
Acq: 23 Jul 2021 12:02

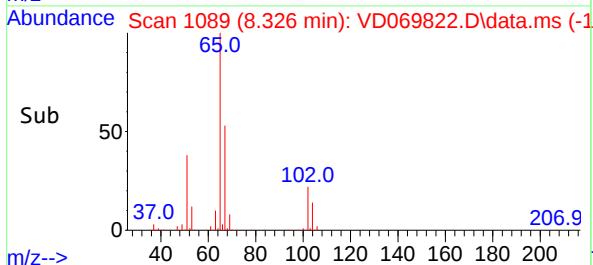
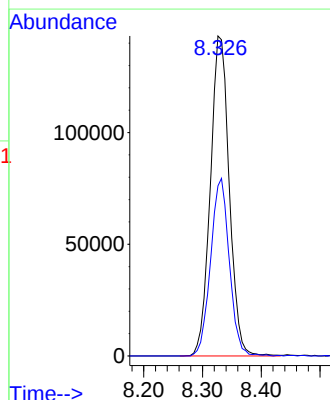
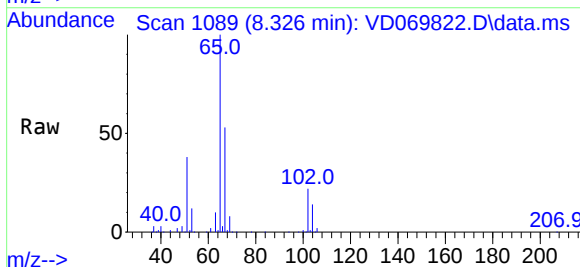
Instrument :
MSVOA_D
ClientSampleId :
VD0723SBL01

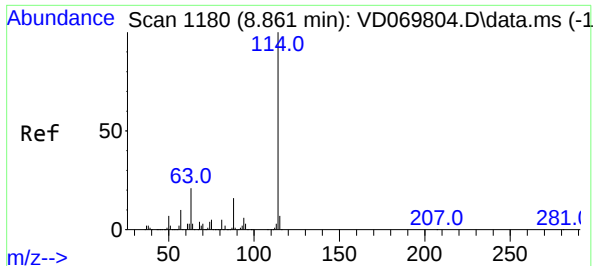
Tgt Ion:168 Resp: 518415
Ion Ratio Lower Upper
168 100
99 62.9 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 53.596 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD069822.D
Acq: 23 Jul 2021 12:02

Tgt Ion: 65 Resp: 319554
Ion Ratio Lower Upper
65 100
67 54.9 0.0 111.2

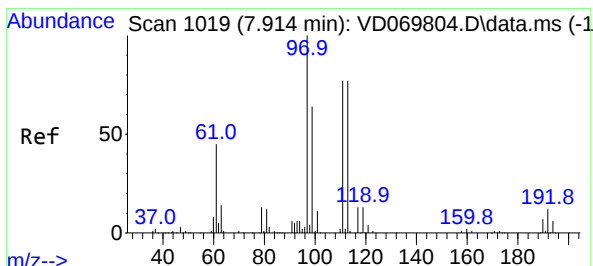
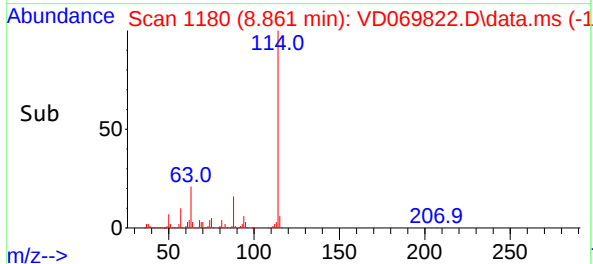
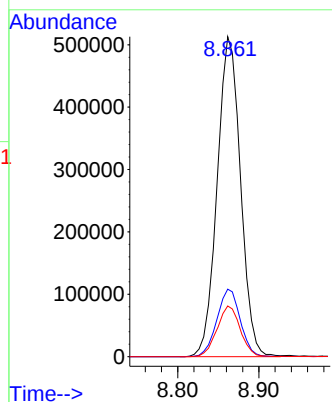
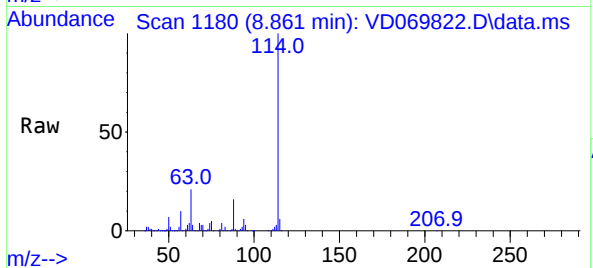




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069822.D
Acq: 23 Jul 2021 12:02

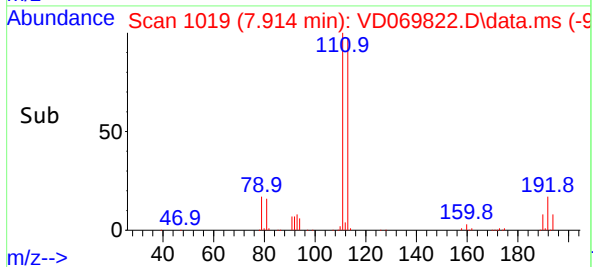
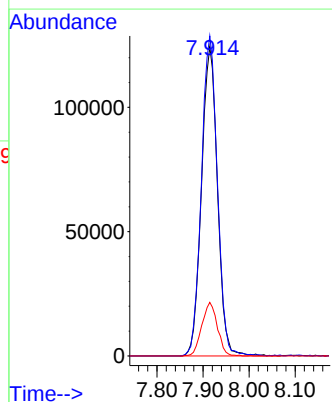
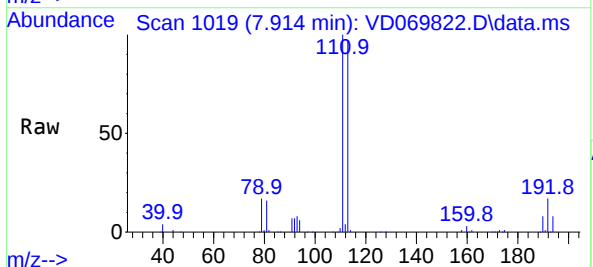
Instrument :
MSVOA_D
ClientSampleId :
VD0723SBL01

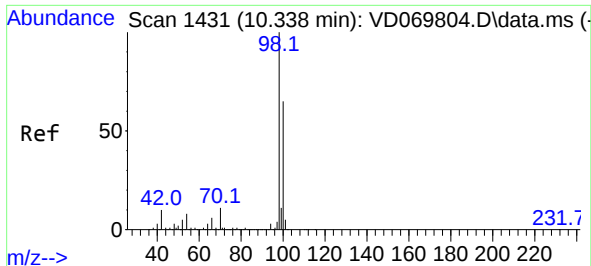
Tgt Ion:114 Resp: 1025778
Ion Ratio Lower Upper
114 100
63 21.1 0.0 41.6
88 15.8 0.0 31.4



#35
Dibromofluoromethane
Concen: 46.553 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069822.D
Acq: 23 Jul 2021 12:02

Tgt Ion:113 Resp: 301037
Ion Ratio Lower Upper
113 100
111 103.5 80.5 120.7
192 16.9 12.6 19.0

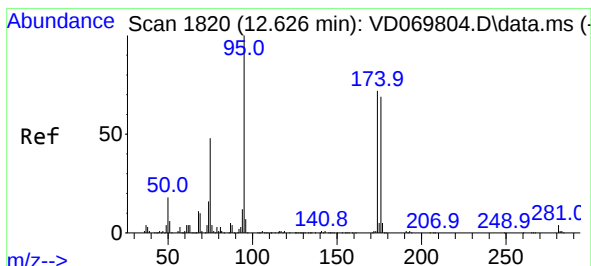
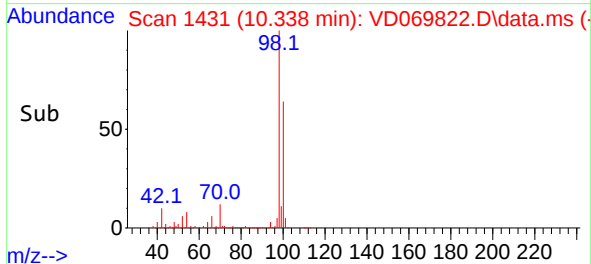
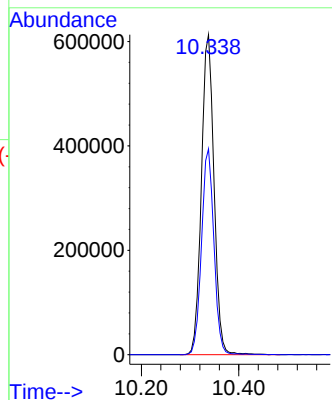
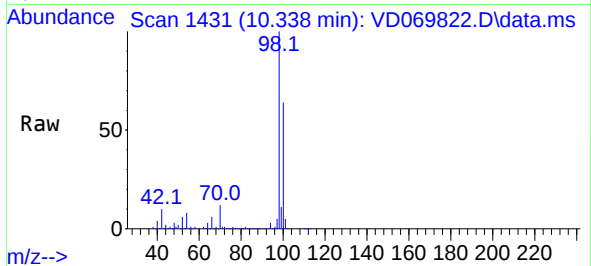




#50
Toluene-d8
Concen: 44.128 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069822.D
Acq: 23 Jul 2021 12:02

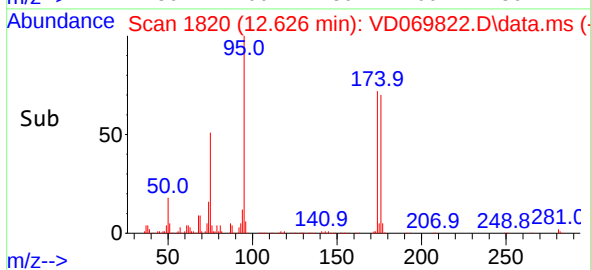
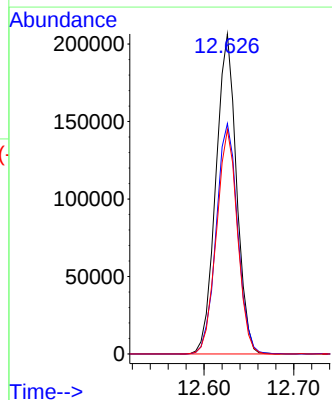
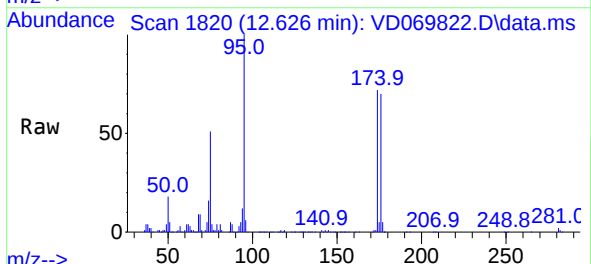
Instrument :
MSVOA_D
ClientSampleId :
VD0723SBL01

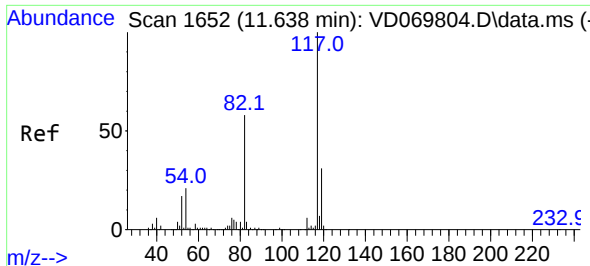
Tgt Ion: 98 Resp: 1100307
Ion Ratio Lower Upper
98 100
100 63.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 39.588 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069822.D
Acq: 23 Jul 2021 12:02

Tgt Ion: 95 Resp: 329894
Ion Ratio Lower Upper
95 100
174 74.9 0.0 142.6
176 71.2 0.0 134.2

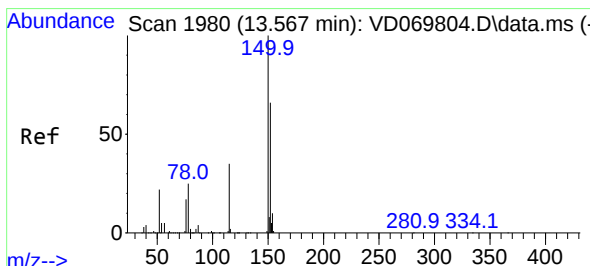
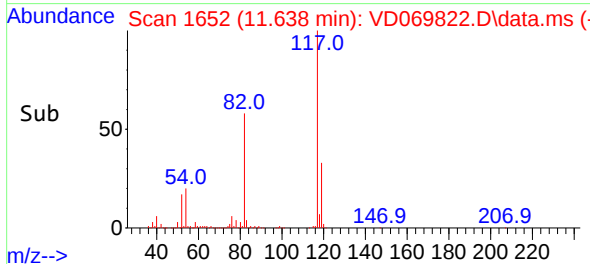
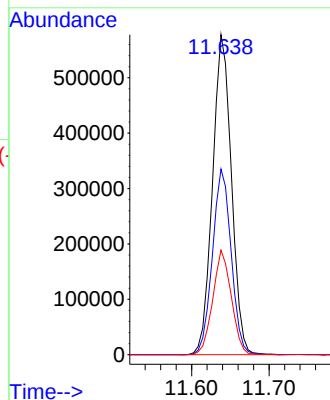
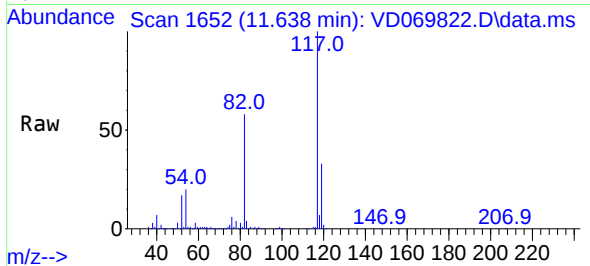




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD069822.D
Acq: 23 Jul 2021 12:02

Instrument :
MSVOA_D
ClientSampleId :
VD0723SBL01

Tgt Ion:	117	Resp:	977347
Ion Ratio	Lower	Upper	
117	100		
82	58.0	46.3	69.5
119	32.6	24.7	37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069822.D
Acq: 23 Jul 2021 12:02

Tgt Ion:	152	Resp:	400072
Ion Ratio	Lower	Upper	
152	100		
115	62.6	31.1	93.3
150	156.5	0.0	343.0

