

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072921\
 Data File : VD069915.D
 Acq On : 29 Jul 2021 16:57
 Operator : VA/SY
 Sample : M3210-04
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4(1.0-2.0)

Quant Time: Jul 30 00:57:01 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	7.973	168	139119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	243156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	245003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	100920	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	125431	78.395	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	156.780%
35) Dibromofluoromethane	7.914	113	96690	63.078	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	126.160%
50) Toluene-d8	10.332	98	312265	52.831	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.660%
62) 4-Bromofluorobenzene	12.626	95	96874	49.042	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.080%

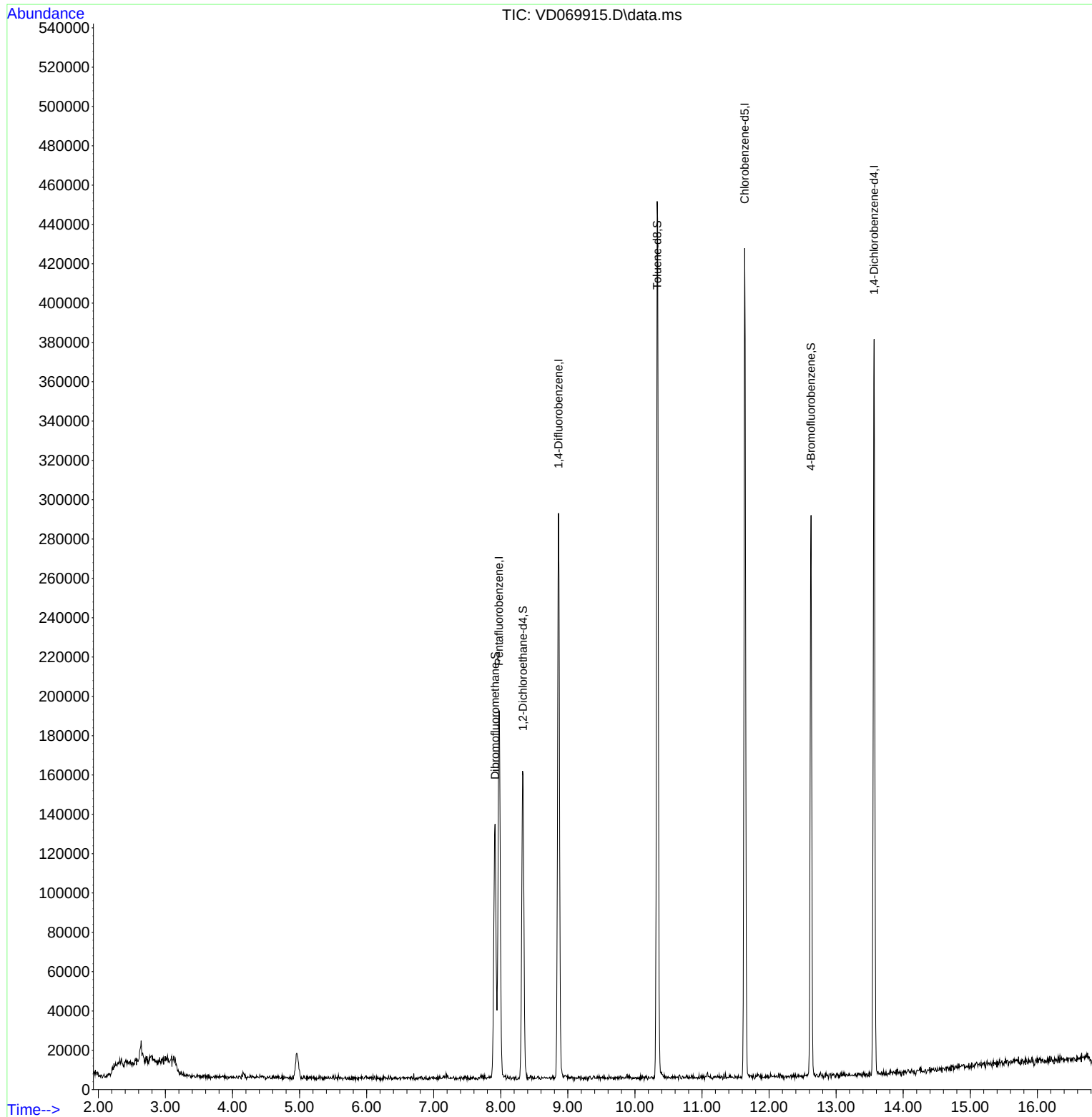
Target Compounds	Qvalue

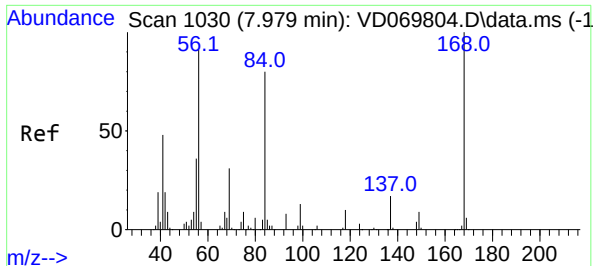
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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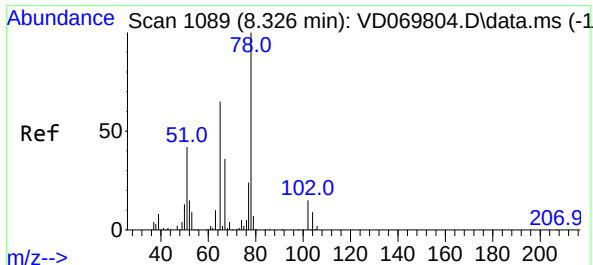
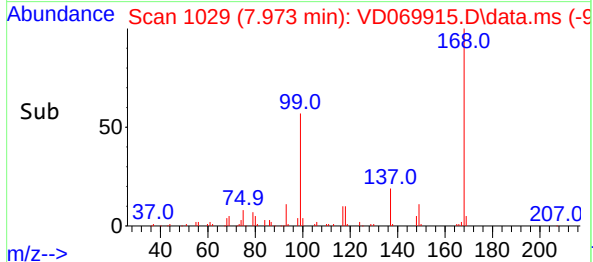
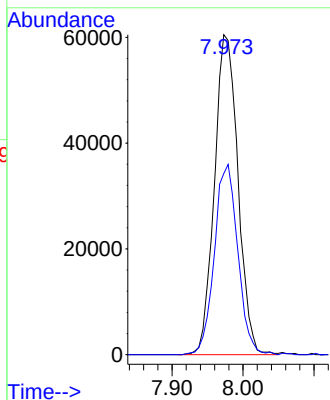
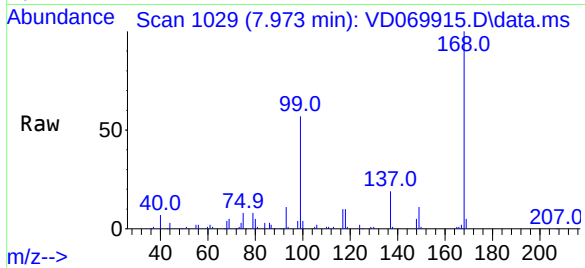




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD069915.D
Acq: 29 Jul 2021 16:57

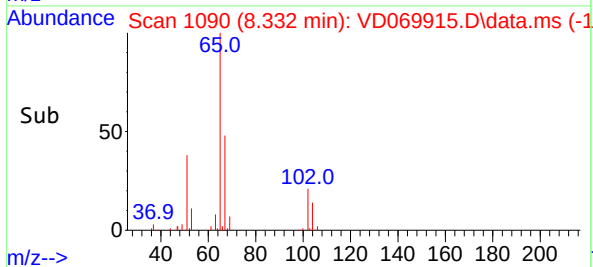
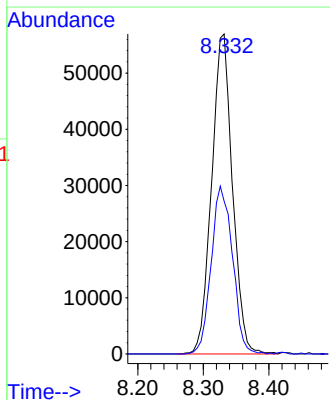
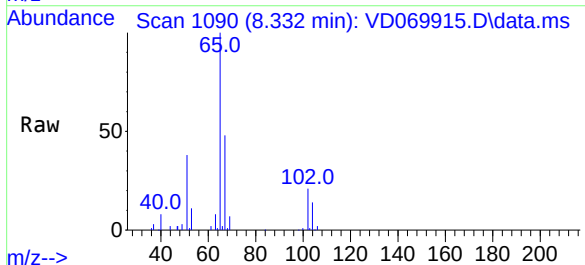
Instrument :
MSVOA_D
ClientSampleId :
SB-4(1.0-2.0)

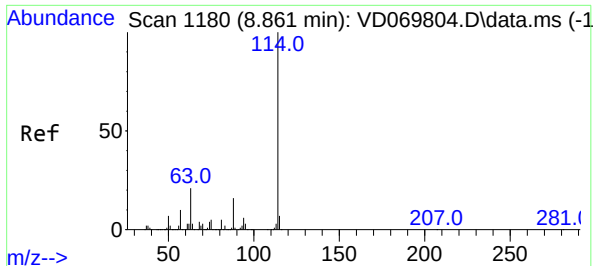
Tgt Ion:168 Resp: 139119
Ion Ratio Lower Upper
168 100
99 56.6 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 78.395 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069915.D
Acq: 29 Jul 2021 16:57

Tgt Ion: 65 Resp: 125431
Ion Ratio Lower Upper
65 100
67 53.7 0.0 111.2



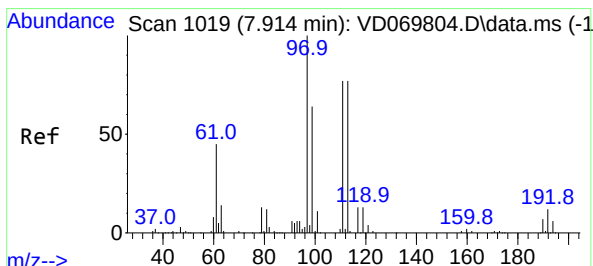
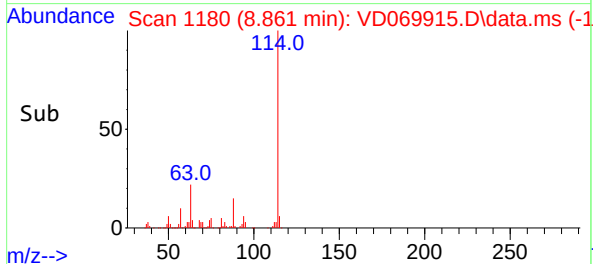
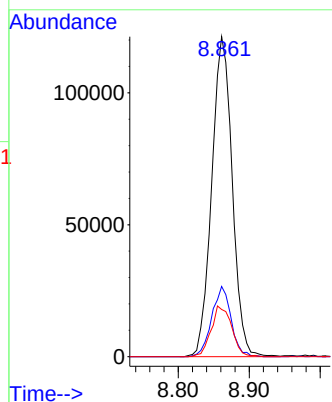
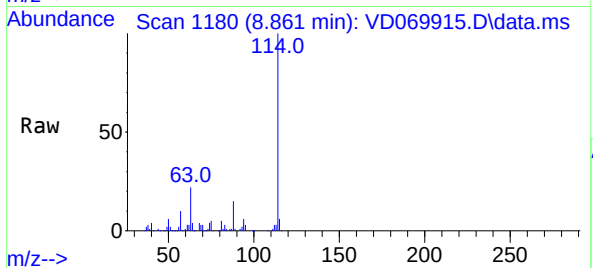


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069915.D
Acq: 29 Jul 2021 16:57

Instrument :
MSVOA_D
ClientSampleId :
SB-4(1.0-2.0)

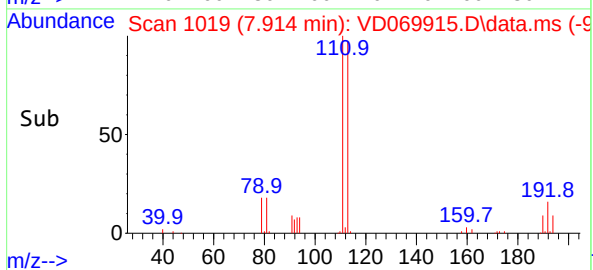
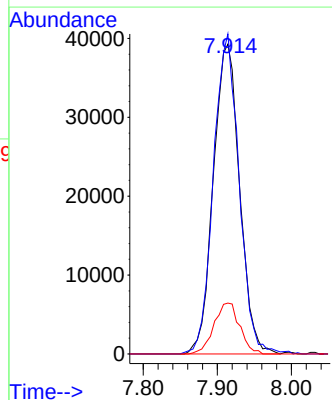
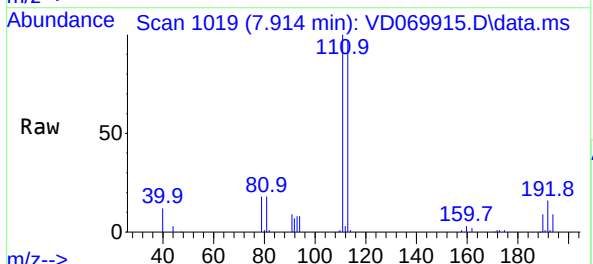
Tgt Ion:114	Resp:	243156
Ion	Ratio	Lower Upper
114	100	
63	22.0	0.0 41.6
88	14.8	0.0 31.4

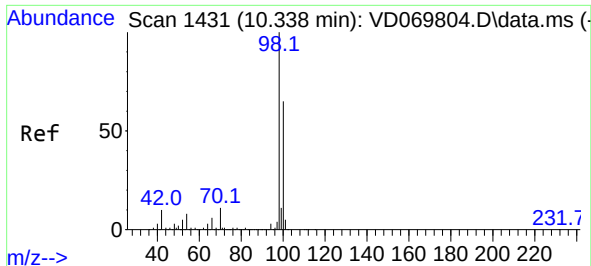


#35

Dibromofluoromethane
Concen: 63.078 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069915.D
Acq: 29 Jul 2021 16:57

Tgt Ion:113	Resp:	96690
Ion	Ratio	Lower Upper
113	100	
111	101.0	80.5 120.7
192	16.1	12.6 19.0

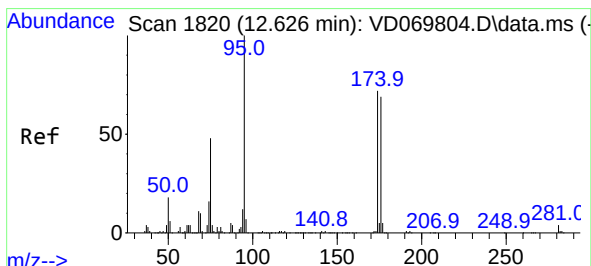
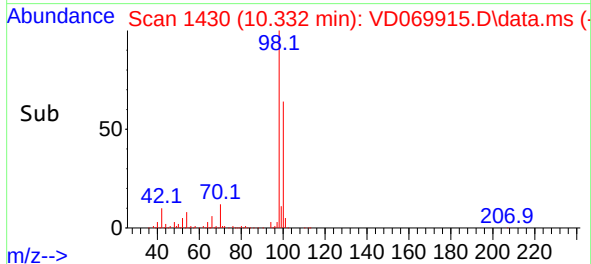
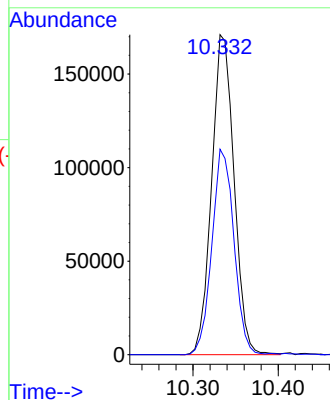
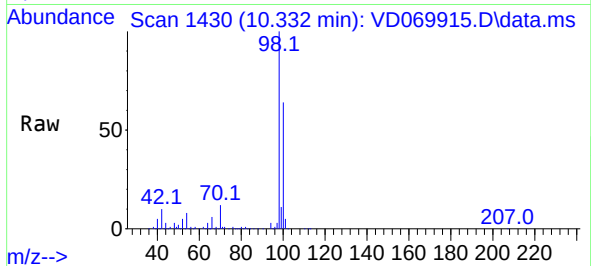




#50
Toluene-d8
Concen: 52.831 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD069915.D
Acq: 29 Jul 2021 16:57

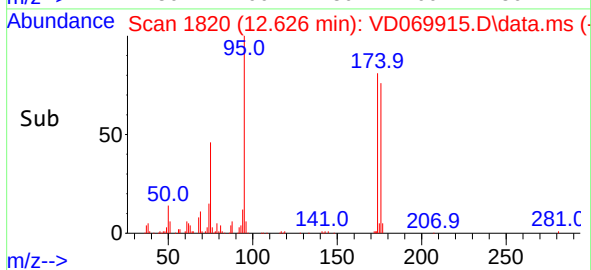
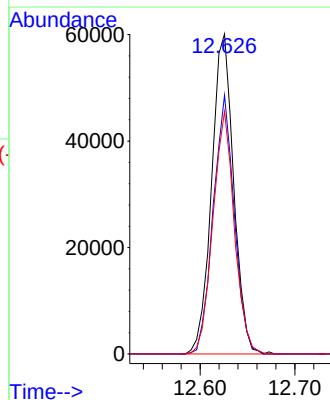
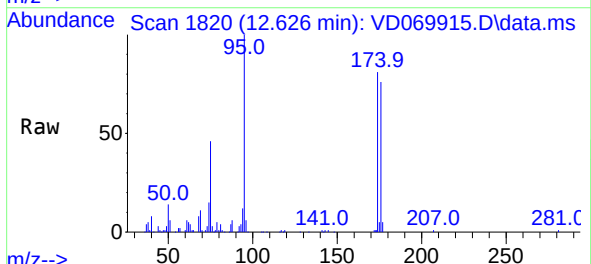
Instrument :
MSVOA_D
ClientSampleId :
SB-4(1.0-2.0)

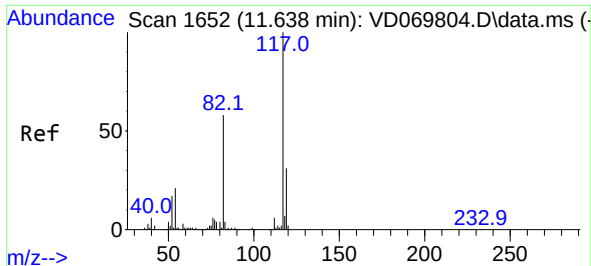
Tgt Ion: 98 Resp: 312265
Ion Ratio Lower Upper
98 100
100 63.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 49.042 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069915.D
Acq: 29 Jul 2021 16:57

Tgt Ion: 95 Resp: 96874
Ion Ratio Lower Upper
95 100
174 77.6 0.0 142.6
176 73.8 0.0 134.2

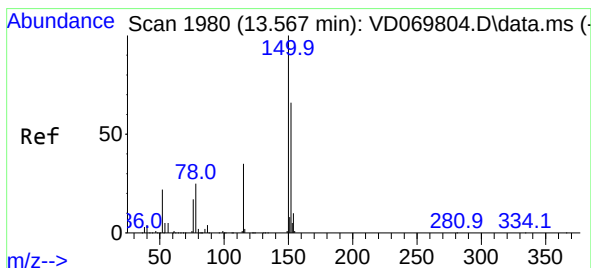
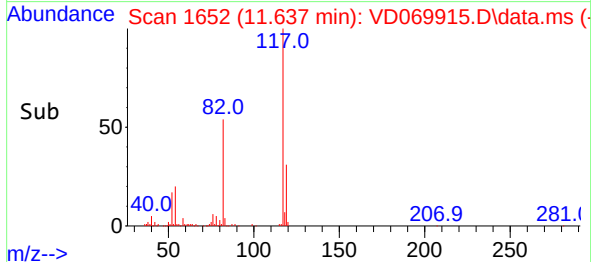
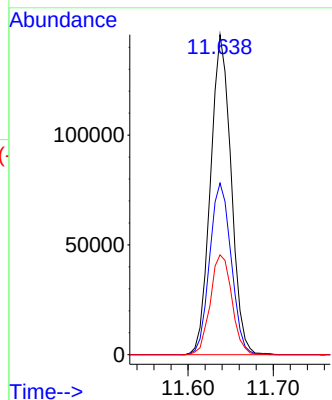
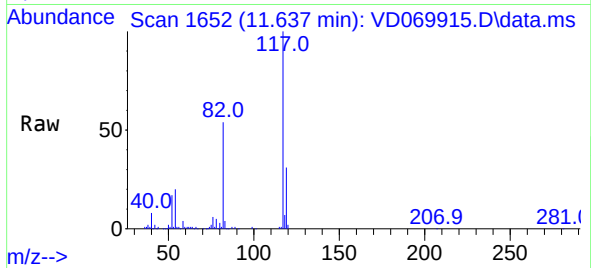




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069915.D
Acq: 29 Jul 2021 16:57

Instrument :
MSVOA_D
ClientSampleId :
SB-4(1.0-2.0)

Tgt Ion:117 Resp: 245003
Ion Ratio Lower Upper
117 100
82 53.6 46.3 69.5
119 31.2 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: VD069915.D
Acq: 29 Jul 2021 16:57

Tgt Ion:152 Resp: 100920
Ion Ratio Lower Upper
152 100
115 59.3 31.1 93.3
150 158.9 0.0 343.0

