

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062221\
 Data File : VD069518.D
 Acq On : 22 Jun 2021 16:12
 Operator : VA/SY
 Sample : M2773-04
 Misc : 5.82G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4

Quant Time: Jun 23 04:28:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 22 04:33:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	390521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	784179	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	813468	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	326723	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	297647	61.146	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.300%
35) Dibromofluoromethane	7.914	113	285245	53.811	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.620%
50) Toluene-d8	10.338	98	1029147	51.759	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.520%
62) 4-Bromofluorobenzene	12.626	95	346074	52.943	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.880%

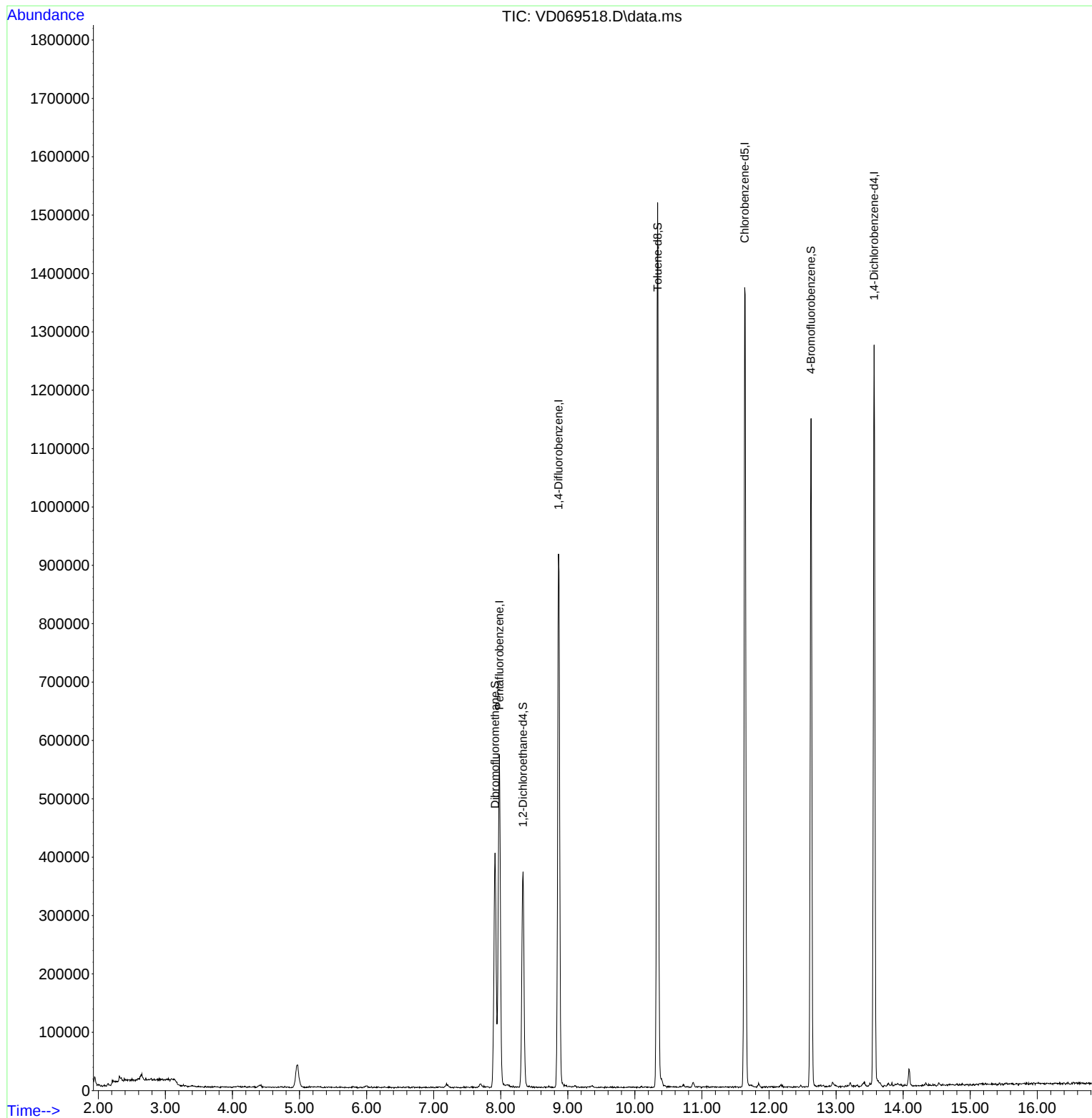
Target Compounds	Qvalue

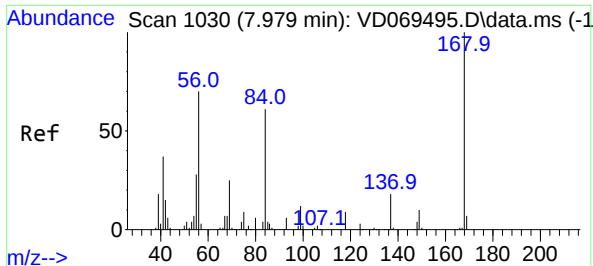
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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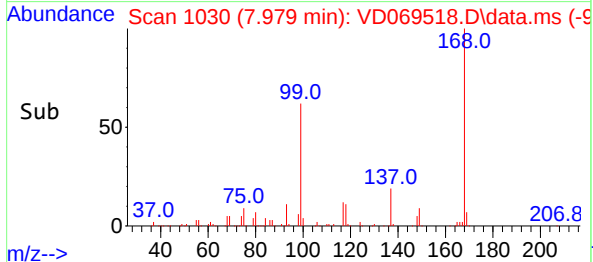
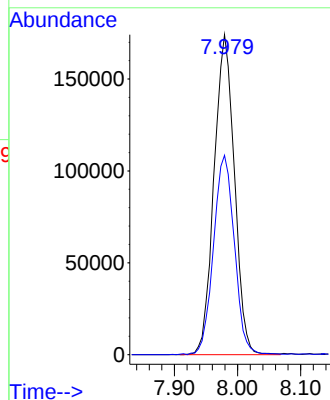
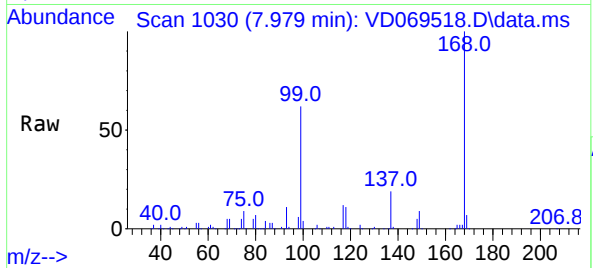




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069518.D
Acq: 22 Jun 2021 16:12

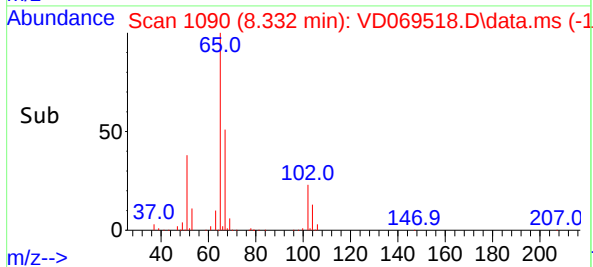
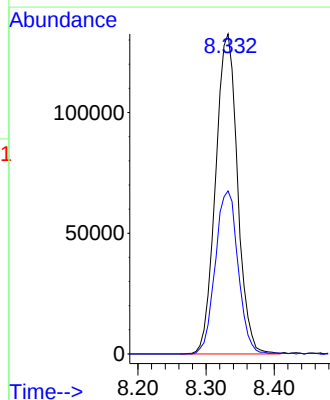
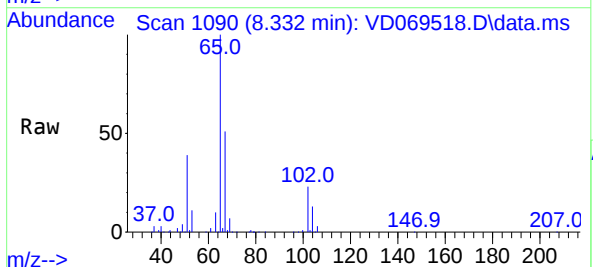
Instrument :
MSVOA_D
ClientSampled :
SB-4

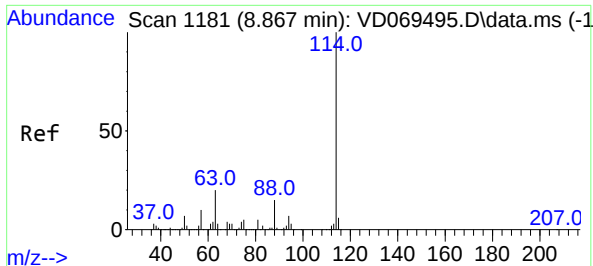
Tgt Ion:168 Resp: 390521
Ion Ratio Lower Upper
168 100
99 62.2 49.3 73.9



#33
1,2-Dichloroethane-d4
Concen: 61.146 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069518.D
Acq: 22 Jun 2021 16:12

Tgt Ion: 65 Resp: 297647
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.6





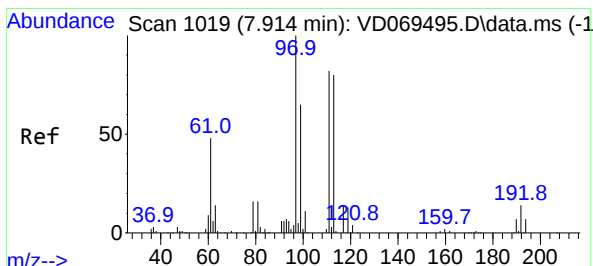
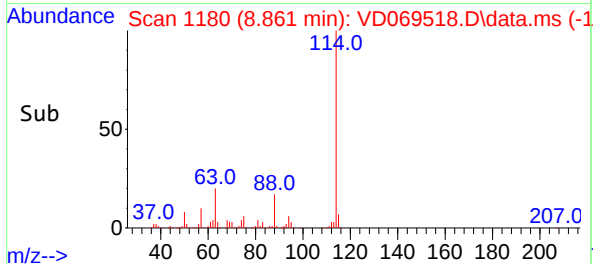
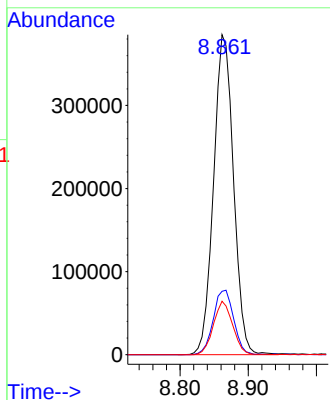
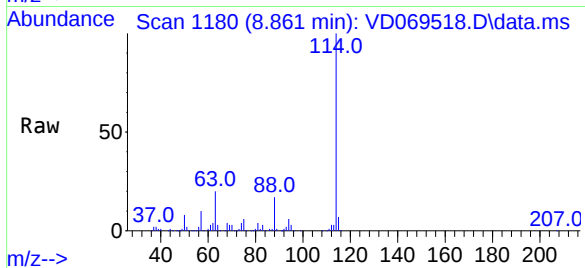
#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069518.D
Acq: 22 Jun 2021 16:12

Instrument :
MSVOA_D
ClientSampled :
SB-4

Tgt Ion:114 Resp: 784179

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.6
88	16.7	0.0	29.8

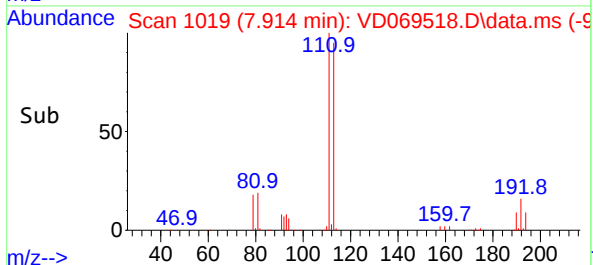
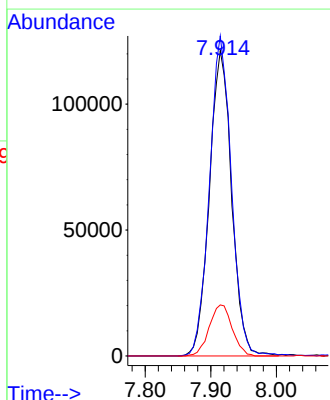
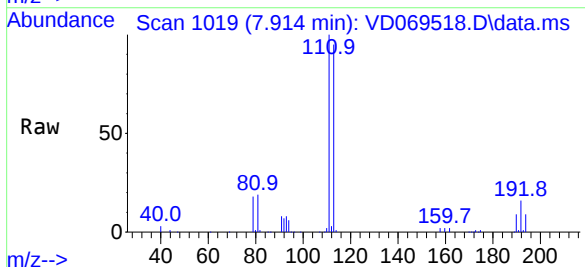


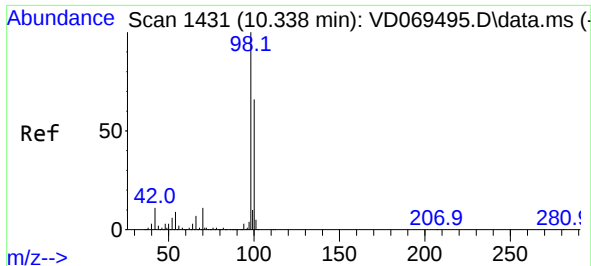
#35

Dibromofluoromethane
Concen: 53.811 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069518.D
Acq: 22 Jun 2021 16:12

Tgt Ion:113 Resp: 285245

Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.8	122.8
192	17.3	13.8	20.6

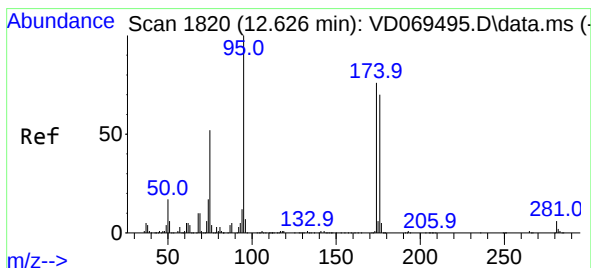
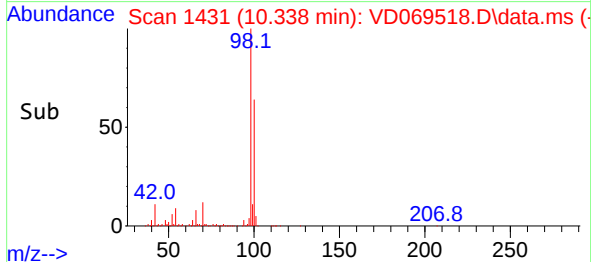
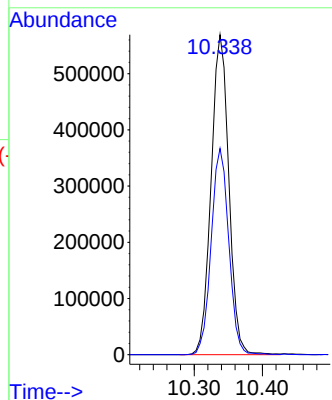
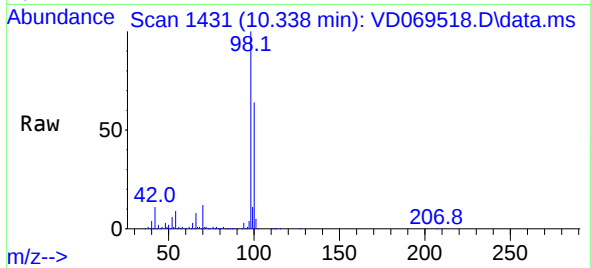




#50
Toluene-d8
Concen: 51.759 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069518.D
Acq: 22 Jun 2021 16:12

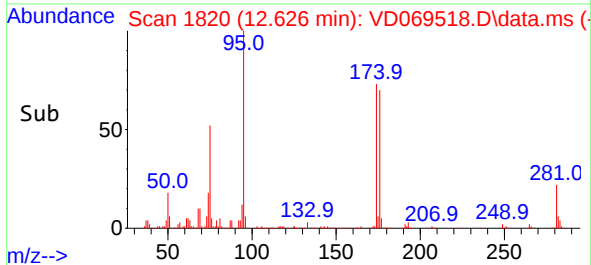
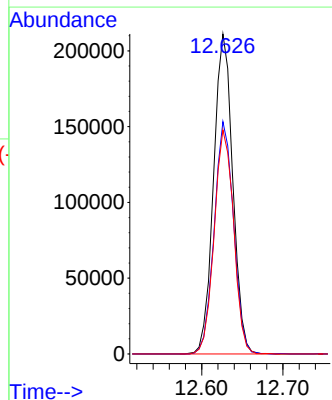
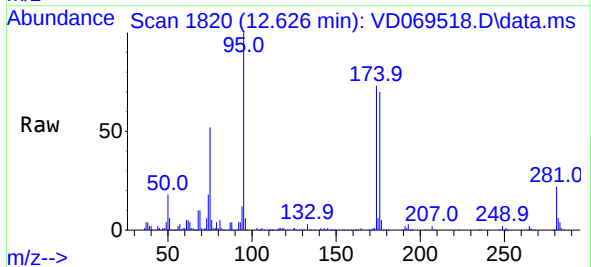
Instrument :
MSVOA_D
ClientSampleId :
SB-4

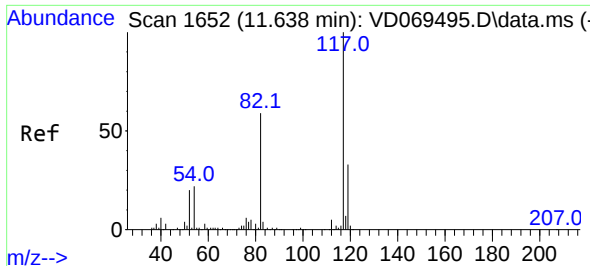
Tgt Ion: 98 Resp: 1029147
Ion Ratio Lower Upper
98 100
100 64.1 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 52.943 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069518.D
Acq: 22 Jun 2021 16:12

Tgt Ion: 95 Resp: 346074
Ion Ratio Lower Upper
95 100
174 73.5 0.0 148.0
176 70.9 0.0 139.8

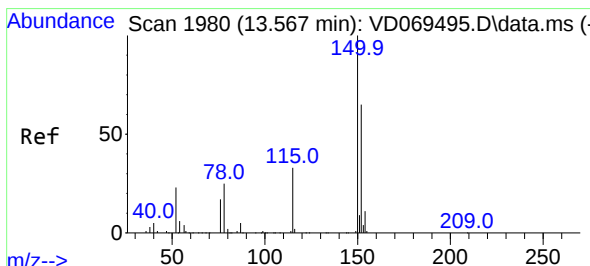
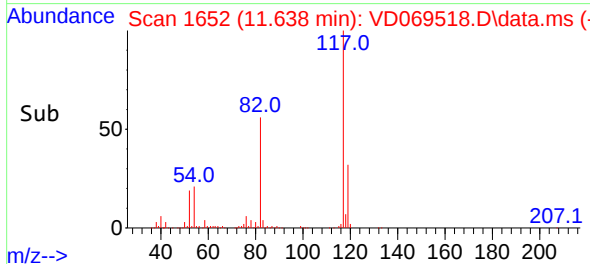
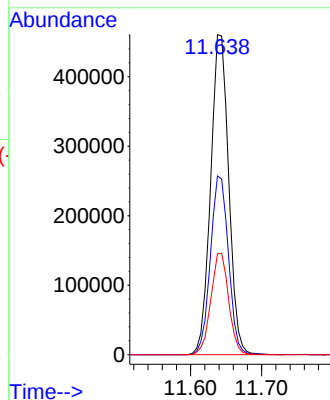
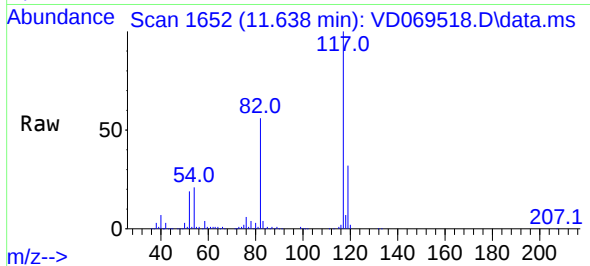




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD069518.D
Acq: 22 Jun 2021 16:12

Instrument :
MSVOA_D
ClientSampled :
SB-4

Tgt Ion:117 Resp: 813468
Ion Ratio Lower Upper
117 100
82 55.9 46.8 70.2
119 31.6 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069518.D
Acq: 22 Jun 2021 16:12

Tgt Ion:152 Resp: 326723
Ion Ratio Lower Upper
152 100
115 62.4 31.7 95.1
150 162.3 0.0 350.8

