

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070721\
 Data File : VD069616.D
 Acq On : 07 Jul 2021 18:55
 Operator : VA/SY
 Sample : M2946-03RE
 Misc : 4.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3RE

Quant Time: Jul 08 01:09:08 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	23168	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	43694	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	50992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	22476	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	27223	94.267	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	188.540%#
35) Dibromofluoromethane	7.914	113	14642	49.573	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.140%
50) Toluene-d8	10.338	98	55902	50.458	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.920%
62) 4-Bromofluorobenzene	12.626	95	22780	62.544	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	125.080%

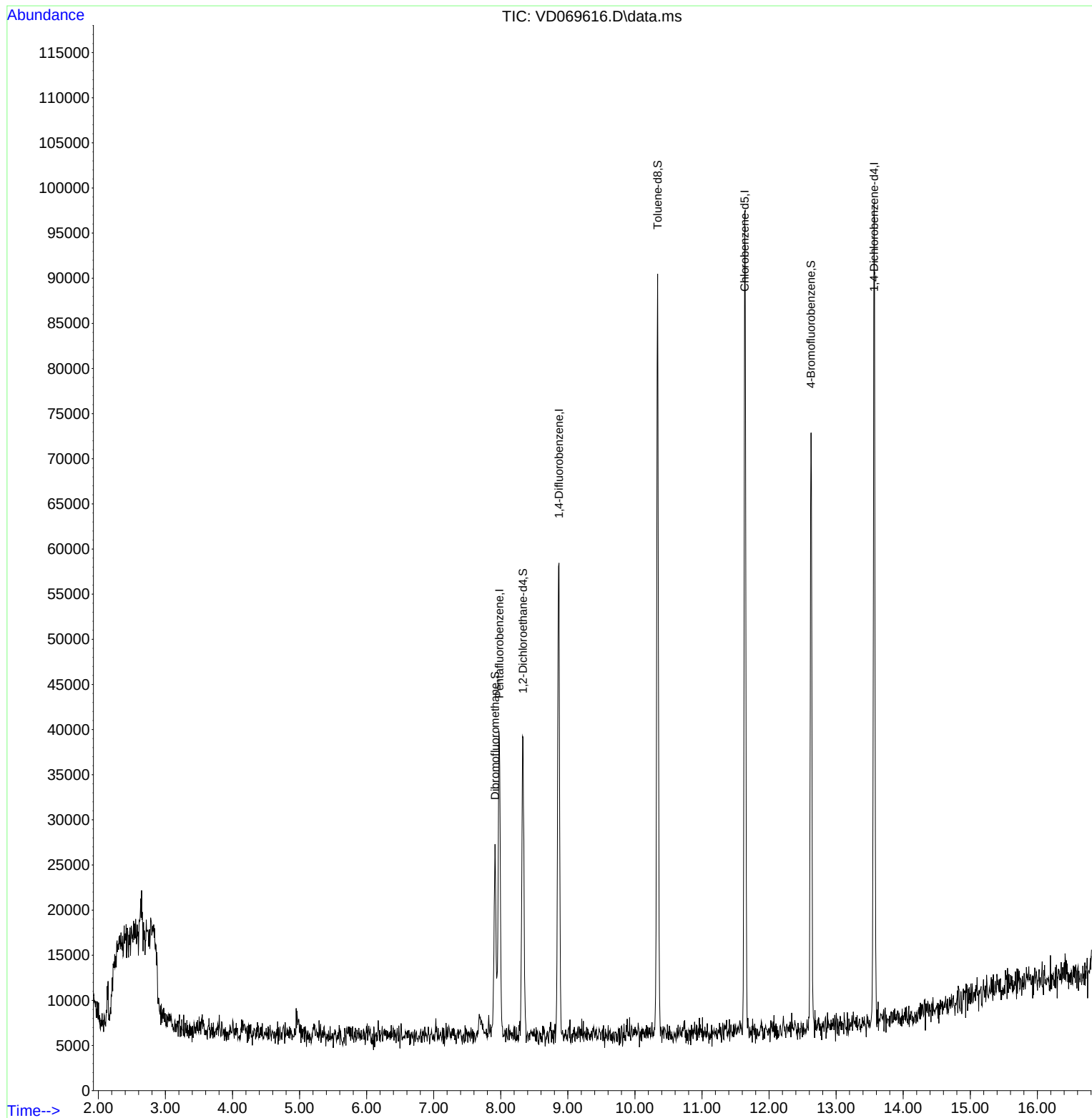
Target Compounds	Qvalue

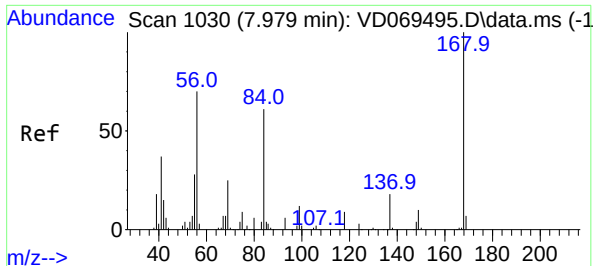
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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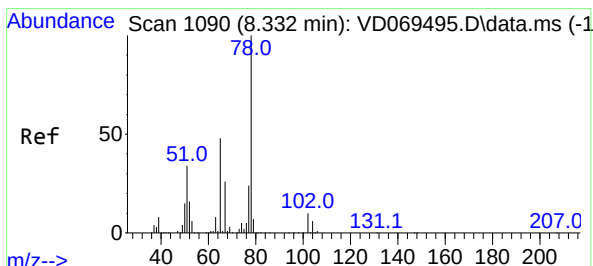
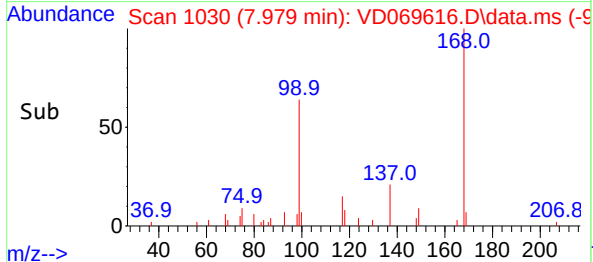
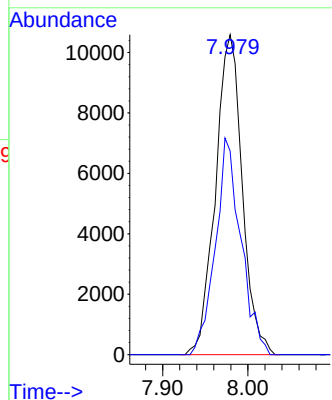
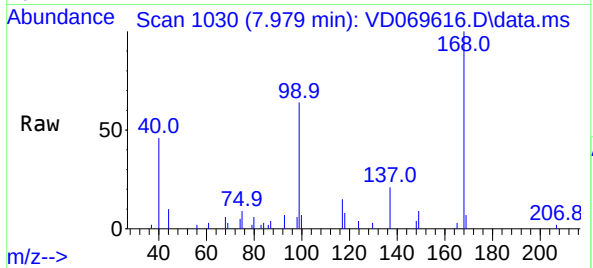




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069616.D
Acq: 07 Jul 2021 18:55

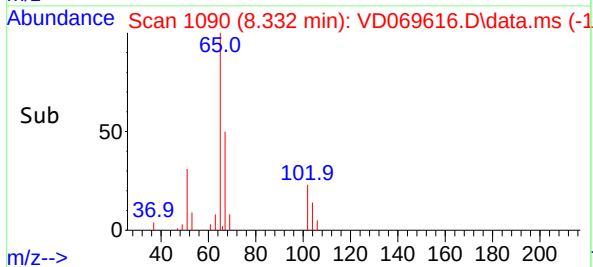
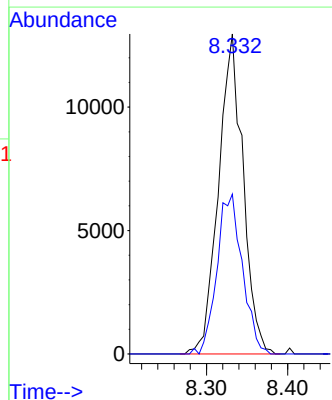
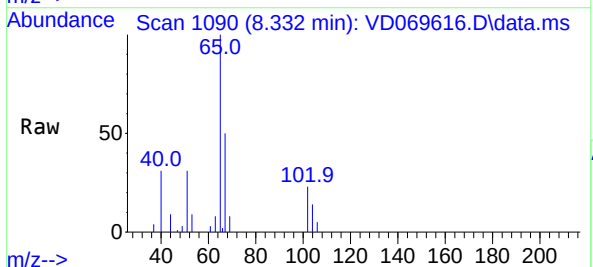
Instrument :
MSVOA_D
ClientSampleId :
SB-3RE

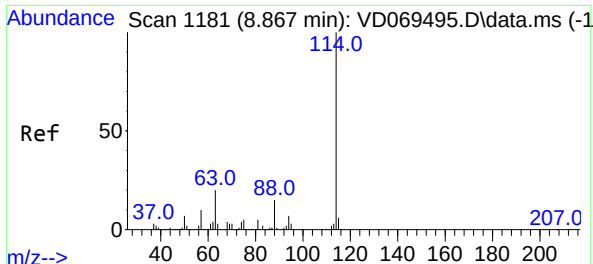
Tgt Ion:168 Resp: 23168
Ion Ratio Lower Upper
168 100
99 63.6 49.3 73.9



#33
1,2-Dichloroethane-d4
Concen: 94.267 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069616.D
Acq: 07 Jul 2021 18:55

Tgt Ion: 65 Resp: 27223
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.6



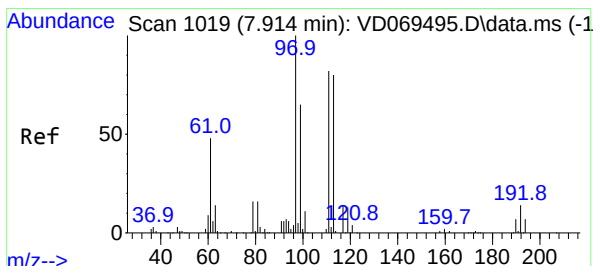
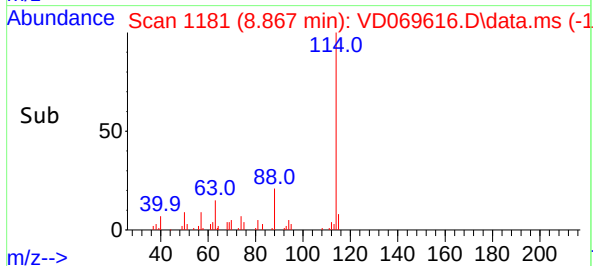
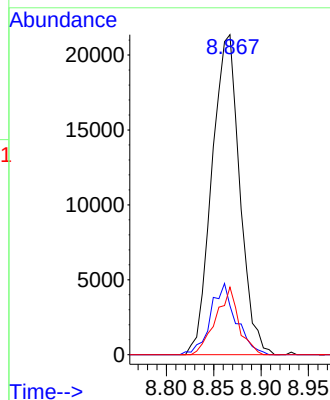
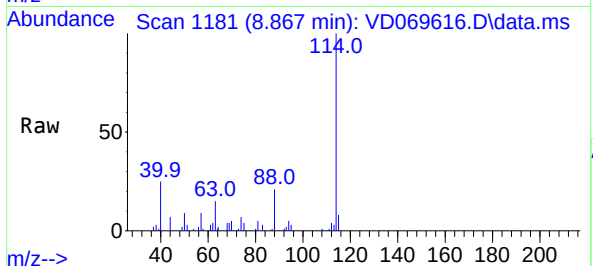


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069616.D
Acq: 07 Jul 2021 18:55

Instrument :
MSVOA_D
ClientSampleId :
SB-3RE

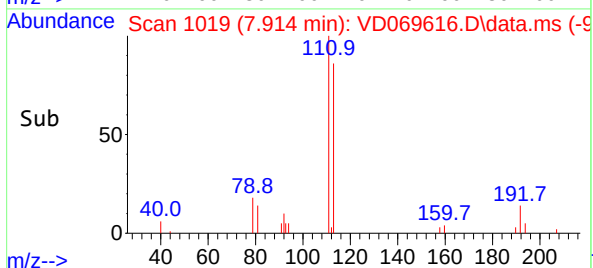
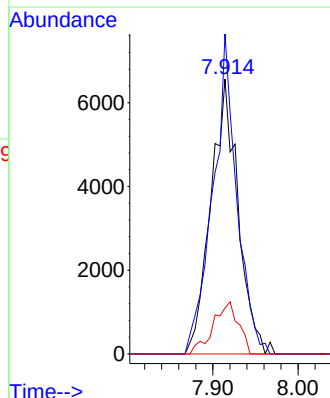
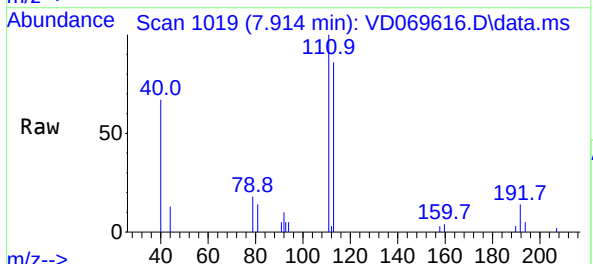
Tgt Ion:114	Resp:	43694
Ion Ratio	Lower	Upper
114	100	
63	15.3	0.0 39.6
88	21.1	0.0 29.8

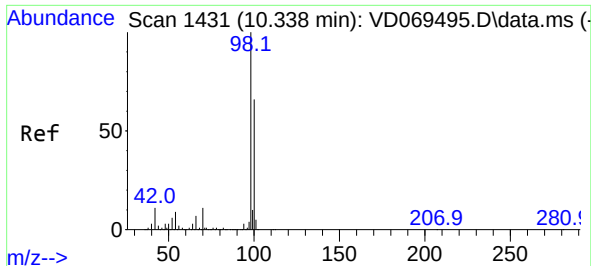


#35

Dibromofluoromethane
Concen: 49.573 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069616.D
Acq: 07 Jul 2021 18:55

Tgt Ion:113	Resp:	14642
Ion Ratio	Lower	Upper
113	100	
111	101.9	81.8 122.8
192	17.5	13.8 20.6

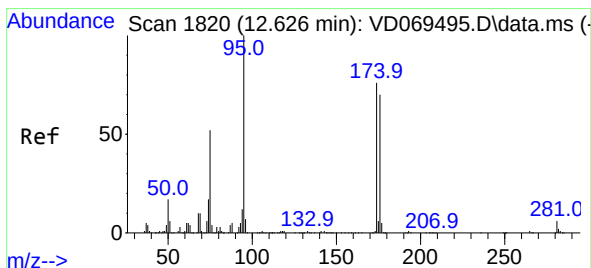
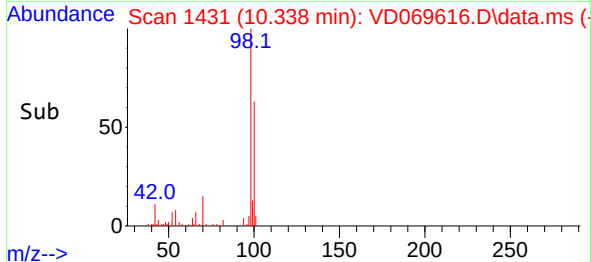
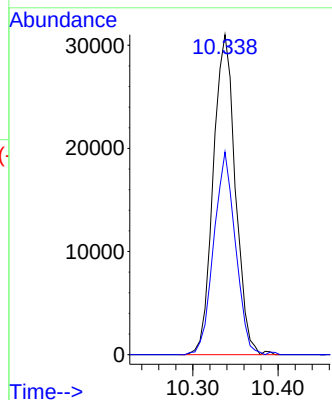
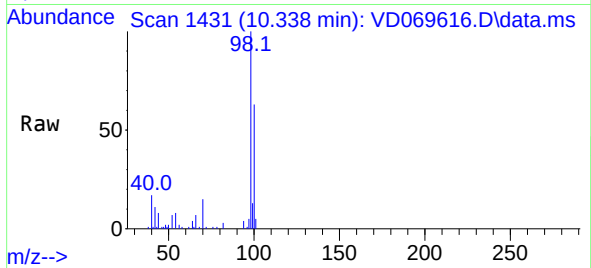




#50
Toluene-d8
Concen: 50.458 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069616.D
Acq: 07 Jul 2021 18:55

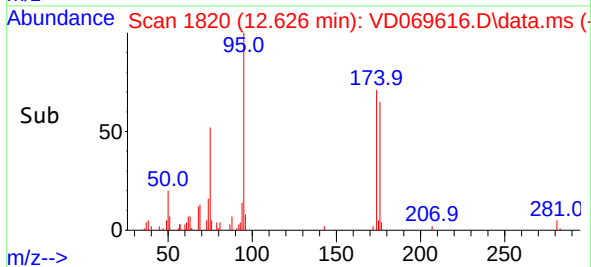
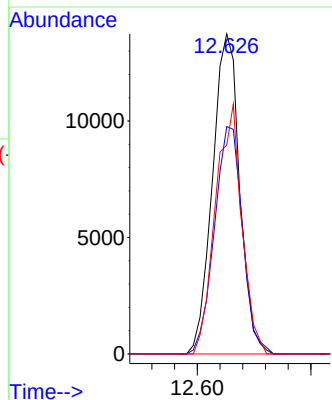
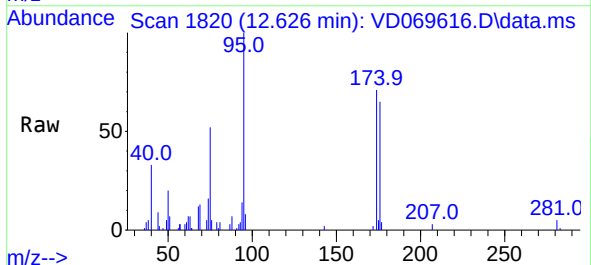
Instrument :
MSVOA_D
ClientSampleId :
SB-3RE

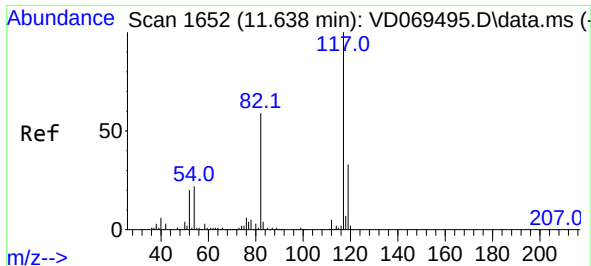
Tgt Ion: 98 Resp: 55902
Ion Ratio Lower Upper
98 100
100 62.1 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 62.544 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069616.D
Acq: 07 Jul 2021 18:55

Tgt Ion: 95 Resp: 22780
Ion Ratio Lower Upper
95 100
174 73.4 0.0 148.0
176 75.4 0.0 139.8

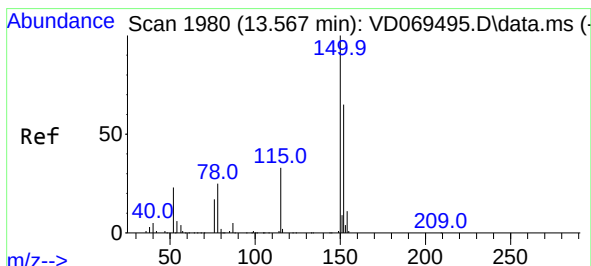
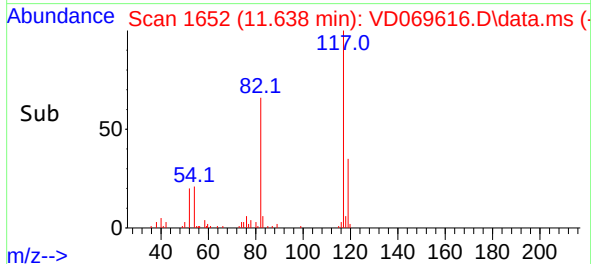
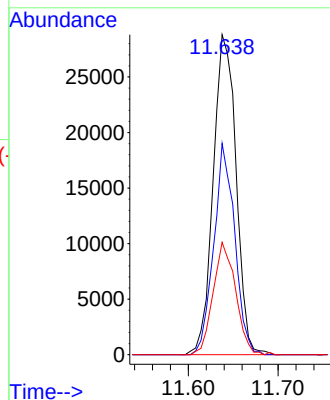
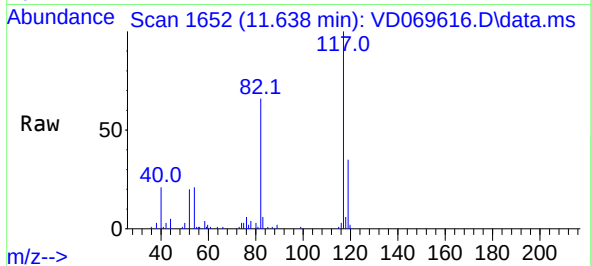




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069616.D
Acq: 07 Jul 2021 18:55

Instrument :
MSVOA_D
ClientSampleId :
SB-3RE

Tgt Ion:	117	Resp:	50992
Ion Ratio	Lower	Upper	
117	100		
82	66.0	46.8	70.2
119	35.1	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: VD069616.D
Acq: 07 Jul 2021 18:55

Tgt Ion:	152	Resp:	22476
Ion Ratio	Lower	Upper	
152	100		
115	64.8	31.7	95.1
150	167.0	0.0	350.8

