

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032921\
 Data File : VD068701.D
 Acq On : 29 Mar 2021 16:34
 Operator : VA/SY
 Sample : M1826-02
 Misc : 7.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-RBR200035

Quant Time: Mar 30 01:05:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	306687	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	596751	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	526977	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	263152	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	151558	49.01	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.02%
35) Dibromofluoromethane	7.914	113	189321	50.99	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.98%
50) Toluene-d8	10.338	98	712597	49.78	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.56%
62) 4-Bromofluorobenzene	12.632	95	248948	53.64	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.28%

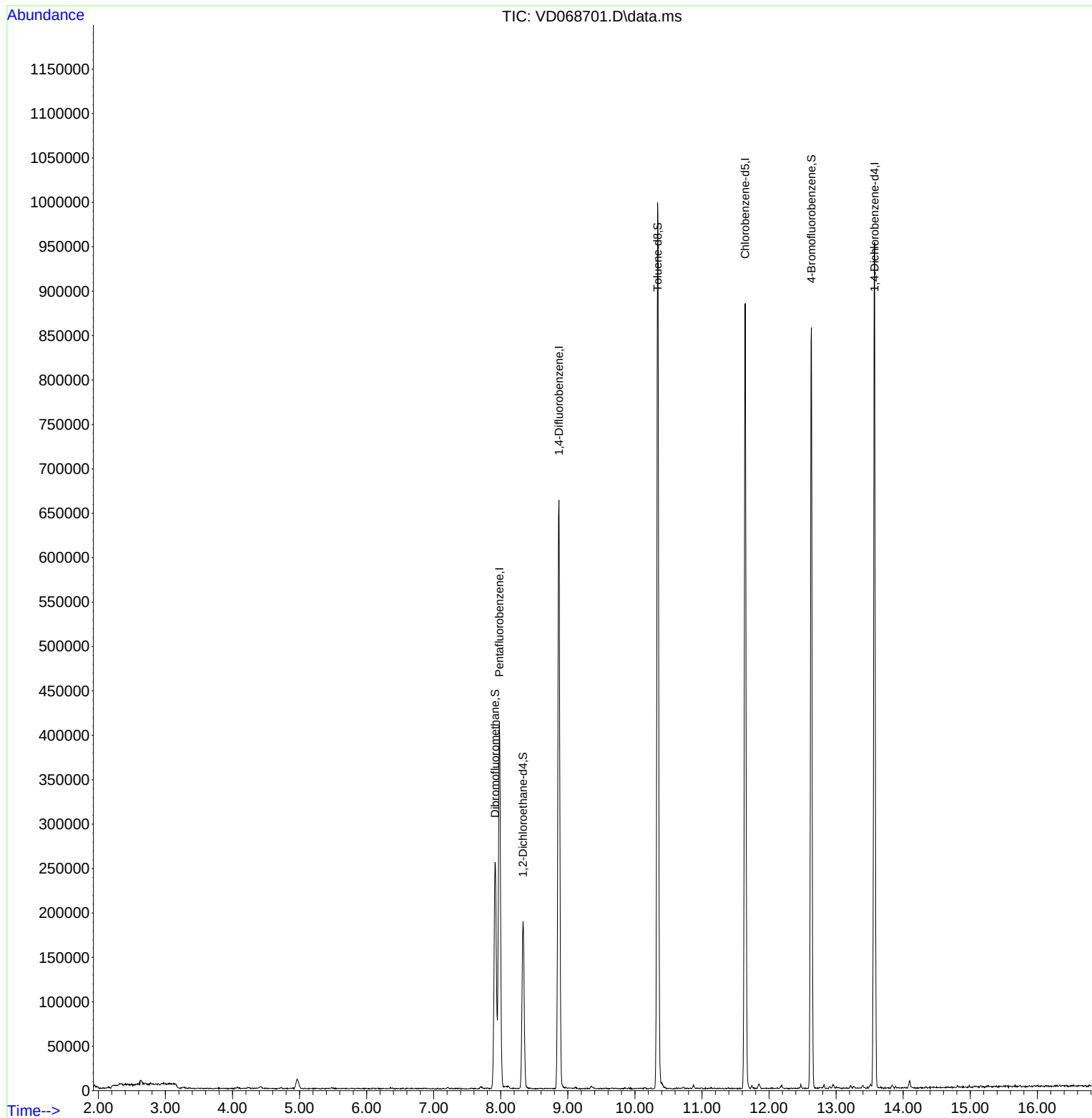
Target Compounds	Qvalue

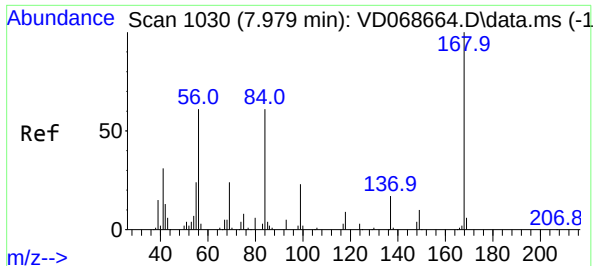
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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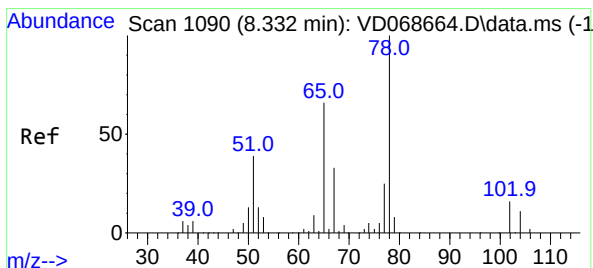
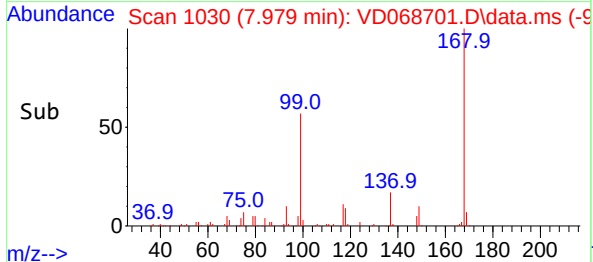
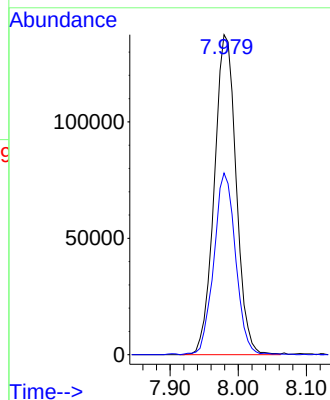
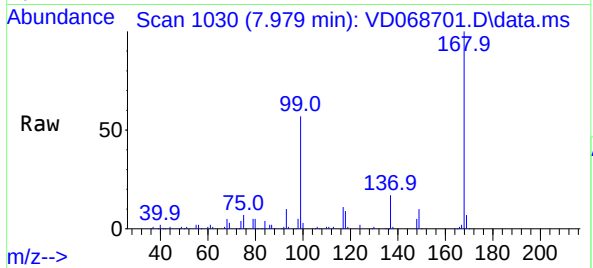




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068701.D
Acq: 29 Mar 2021 16:34

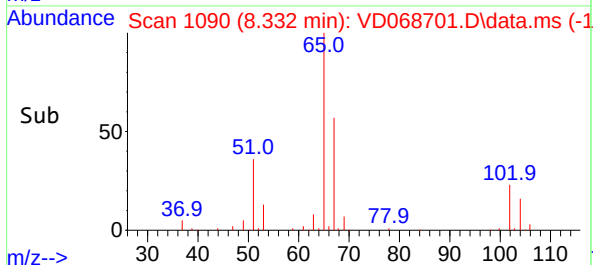
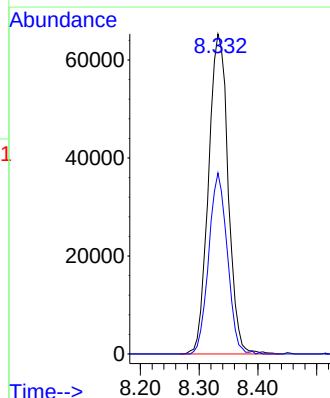
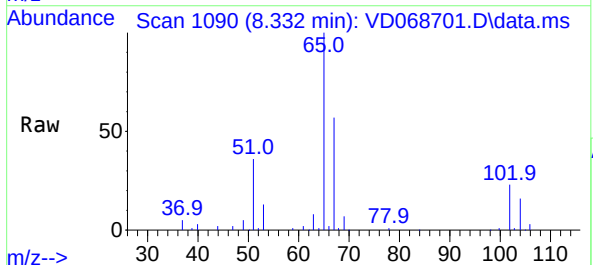
Instrument :
MSVOA_D
ClientSampleId :
RO-RBR200035

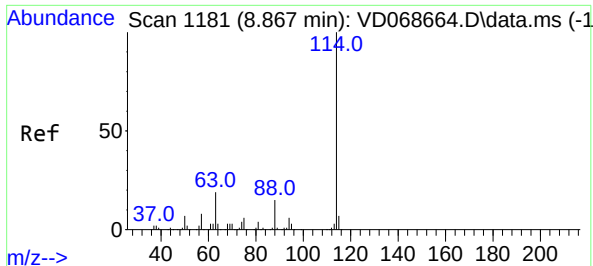
Tgt Ion:168 Resp: 306687
Ion Ratio Lower Upper
168 100
99 56.8 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 49.01 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068701.D
Acq: 29 Mar 2021 16:34

Tgt Ion: 65 Resp: 151558
Ion Ratio Lower Upper
65 100
67 53.4 0.0 106.0



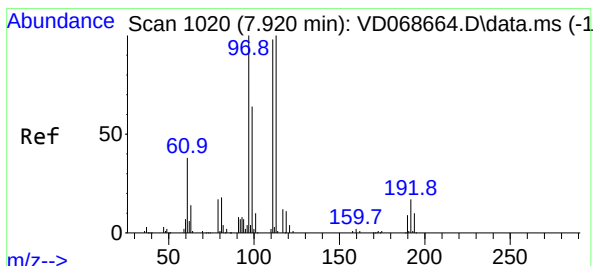
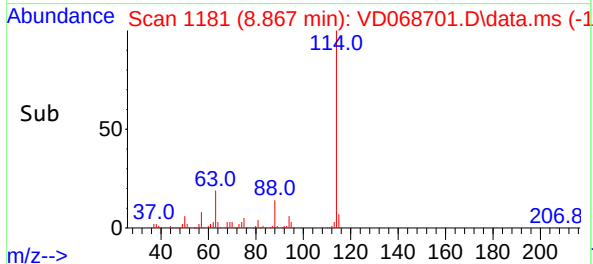
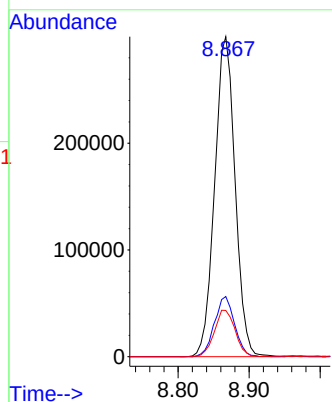
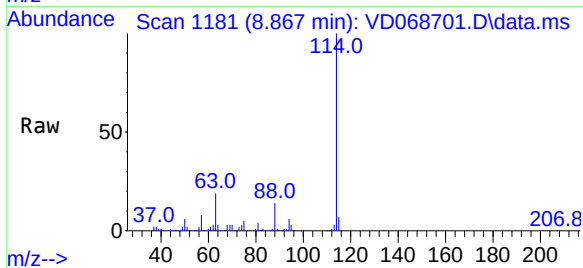


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068701.D
Acq: 29 Mar 2021 16:34

Instrument :
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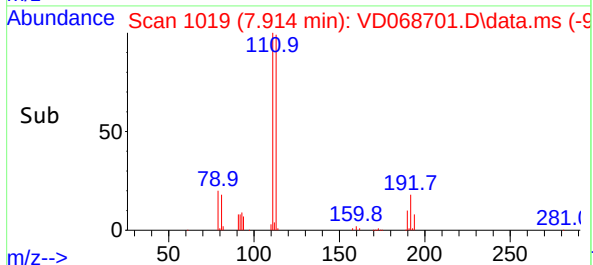
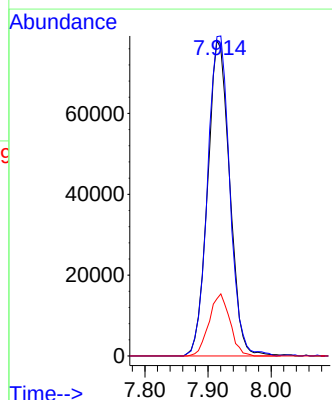
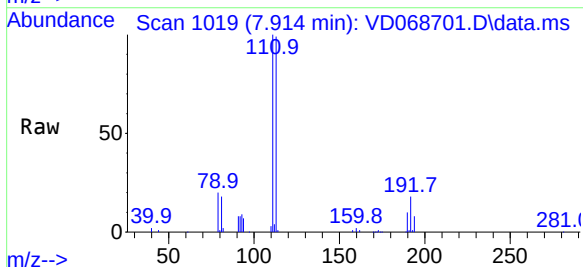
Tgt Ion:	114	Resp:	596751
Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	38.2
88	14.5	0.0	29.4

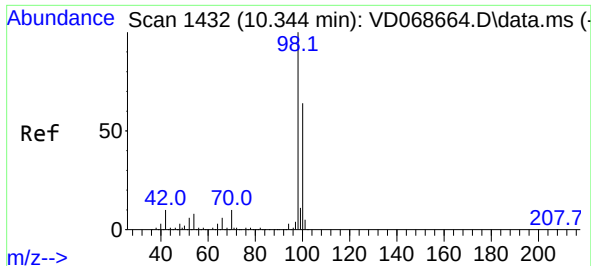


#35

Dibromofluoromethane
Concen: 50.99 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068701.D
Acq: 29 Mar 2021 16:34

Tgt Ion:	113	Resp:	189321
Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.5	123.7
192	18.6	15.1	22.7

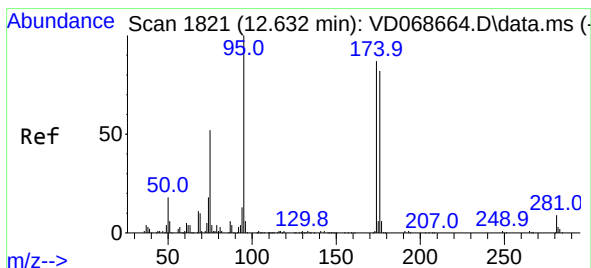
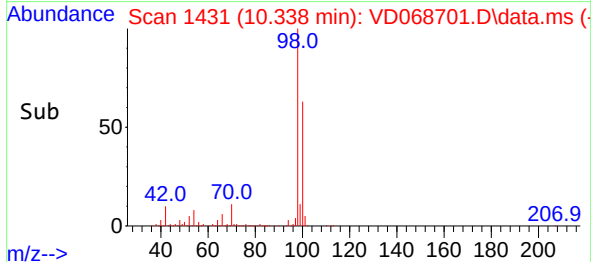
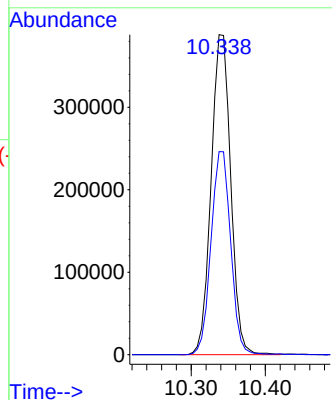
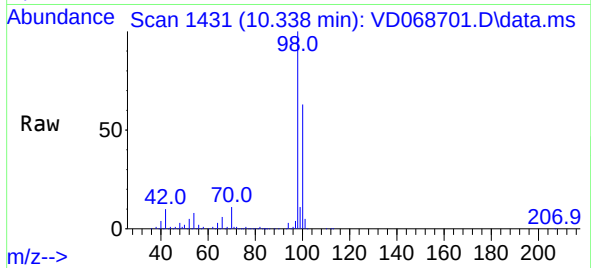




#50
Toluene-d8
Concen: 49.78 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068701.D
Acq: 29 Mar 2021 16:34

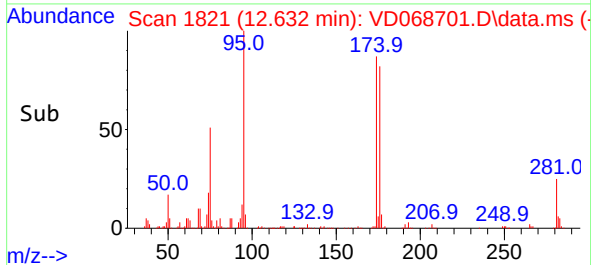
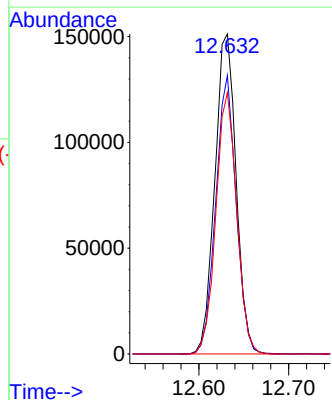
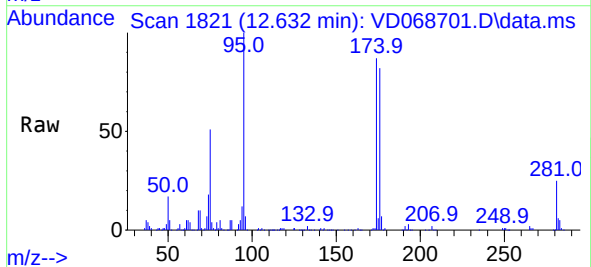
Instrument :
MSVOA_D
ClientSampleId :
RO-RBR200035

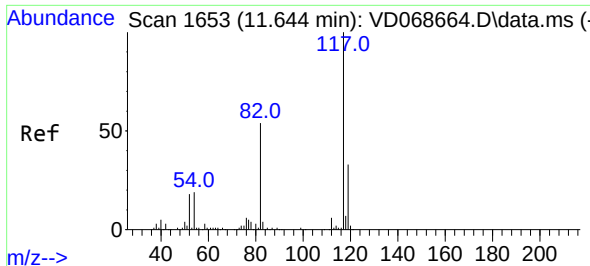
Tgt Ion: 98 Resp: 712597
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 53.64 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068701.D
Acq: 29 Mar 2021 16:34

Tgt Ion: 95 Resp: 248948
Ion Ratio Lower Upper
95 100
174 83.6 0.0 168.0
176 79.6 0.0 160.2

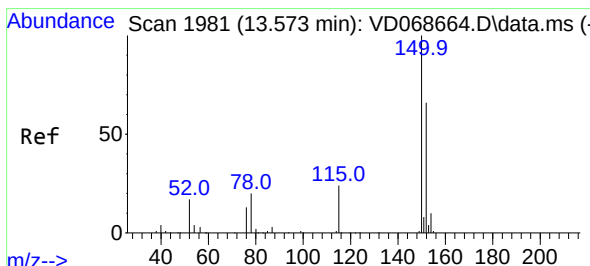
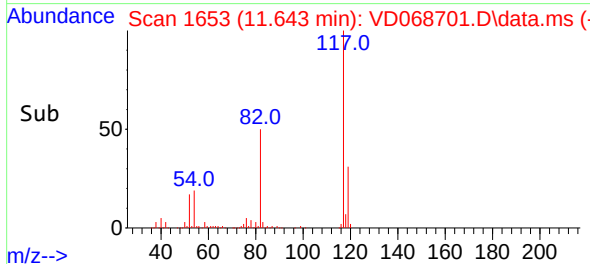
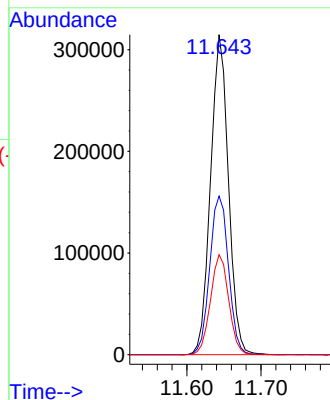
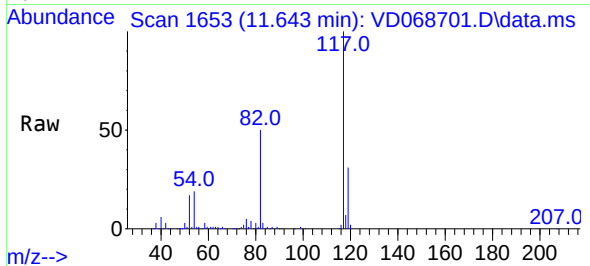




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD068701.D
Acq: 29 Mar 2021 16:34

Instrument :
MSVOA_D
ClientSampleId :
RO-RBR200035

Tgt Ion:	117	Resp:	526977
Ion	Ratio	Lower	Upper
117	100		
82	49.6	43.5	65.3
119	31.3	26.7	40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068701.D
Acq: 29 Mar 2021 16:34

Tgt Ion:	152	Resp:	263152
Ion	Ratio	Lower	Upper
152	100		
115	56.7	29.3	87.8
150	155.2	0.0	347.6

