

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041221\
 Data File : VD068830.D
 Acq On : 12 Apr 2021 14:16
 Operator : VA/SY
 Sample : M1997-01
 Misc : 7.11G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-58-56

Quant Time: Apr 13 01:09:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	266944	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	453751	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	485169	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	218672	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	118706	42.08	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.16%
35) Dibromofluoromethane	7.920	113	131988	44.72	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.44%
50) Toluene-d8	10.338	98	577334	51.85	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.70%
62) 4-Bromofluorobenzene	12.632	95	219868	59.46	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	118.92%

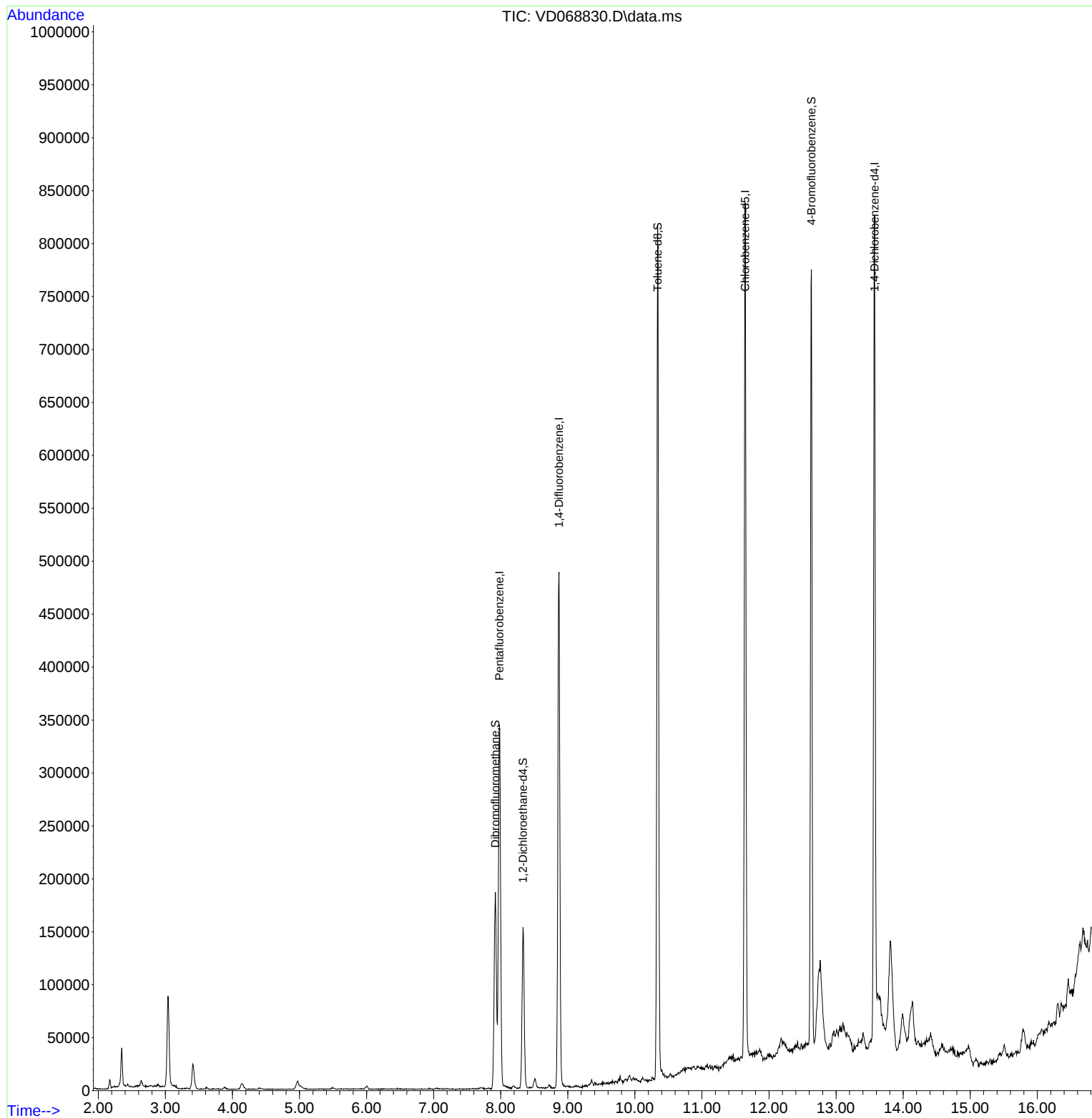
Target Compounds	Qvalue

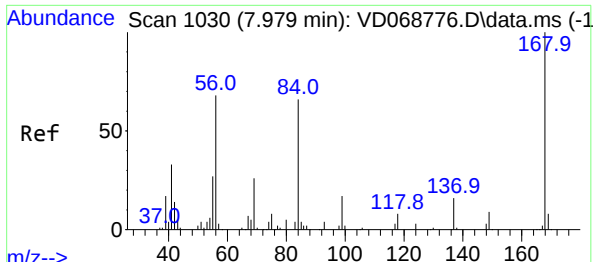
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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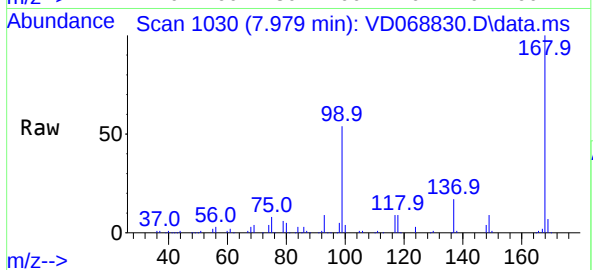
Quant Time: Apr 13 01:09:18 2021
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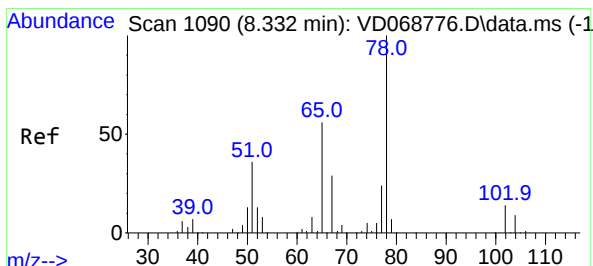
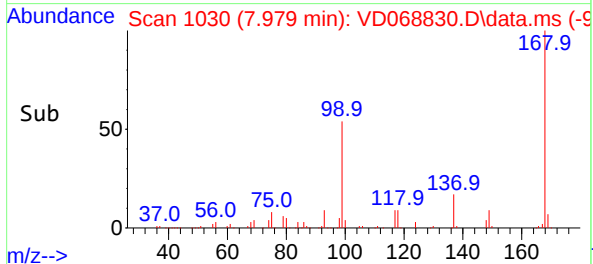
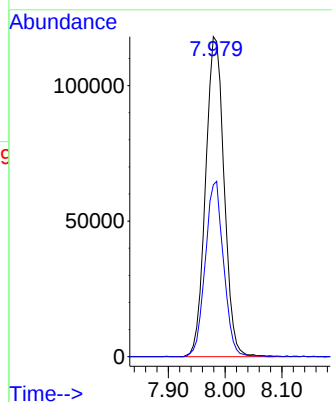


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068830.D
Acq: 12 Apr 2021 14:16

Instrument :
MSVOA_D
ClientSampled :
RBR-58-56

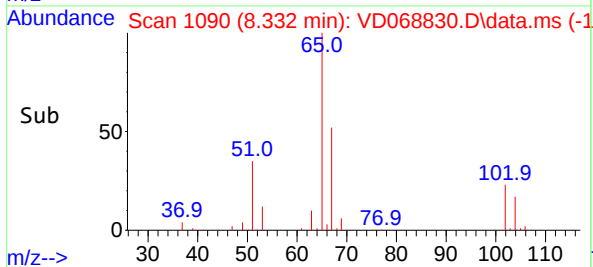
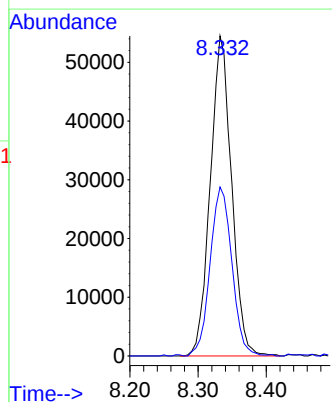
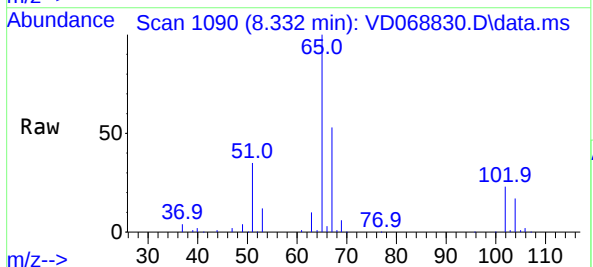


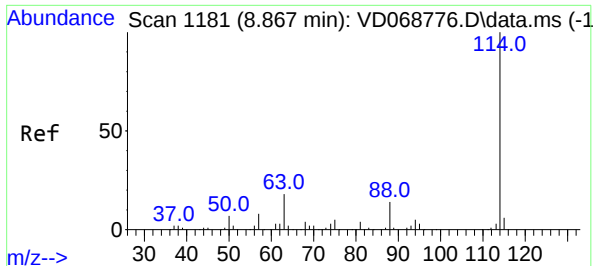
Tgt Ion:168 Resp: 266944
Ion Ratio Lower Upper
168 100
99 53.7 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 42.08 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068830.D
Acq: 12 Apr 2021 14:16

Tgt Ion: 65 Resp: 118706
Ion Ratio Lower Upper
65 100
67 53.9 0.0 106.0



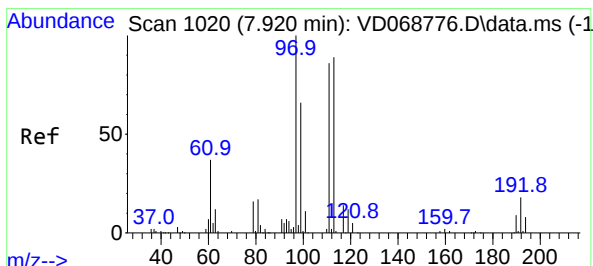
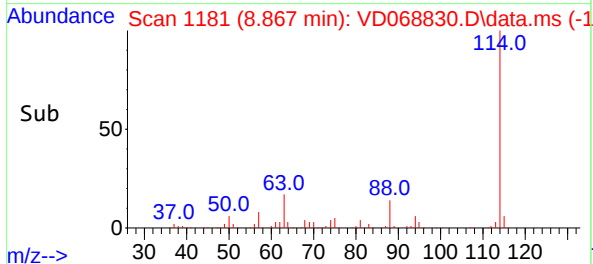
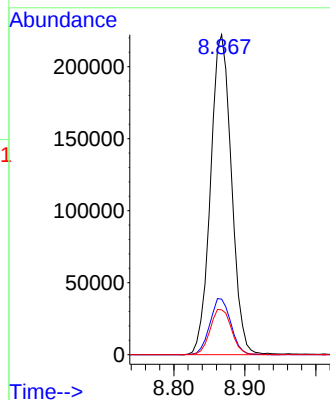
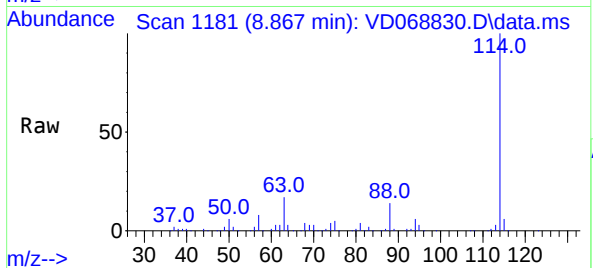


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068830.D
Acq: 12 Apr 2021 14:16

Instrument :
MSVOA_D
ClientSampleId :
RBR-58-56

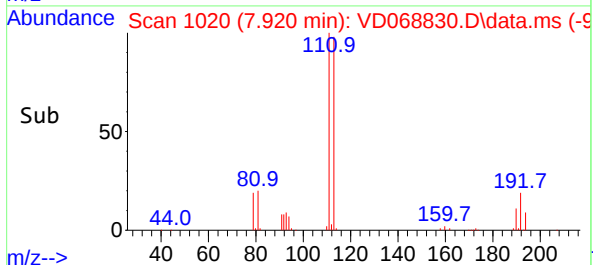
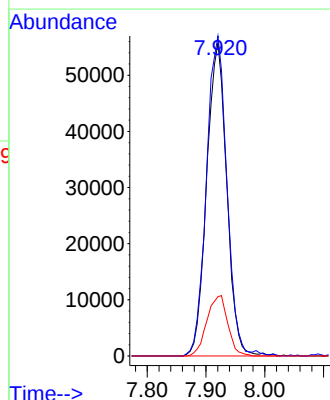
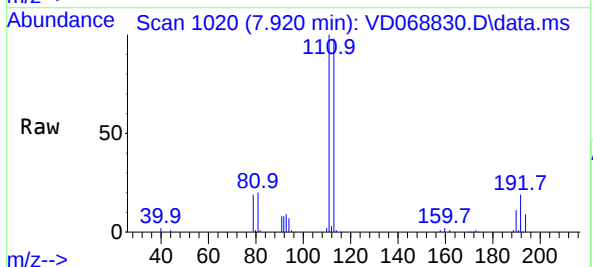
Tgt Ion:114 Resp: 453751
Ion Ratio Lower Upper
114 100
63 17.3 0.0 38.2
88 14.0 0.0 29.4

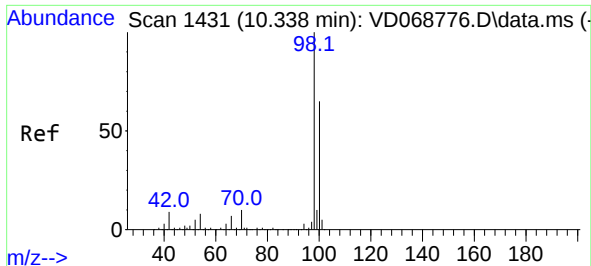


#35

Dibromofluoromethane
Concen: 44.72 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068830.D
Acq: 12 Apr 2021 14:16

Tgt Ion:113 Resp: 131988
Ion Ratio Lower Upper
113 100
111 104.7 82.5 123.7
192 20.1 15.1 22.7

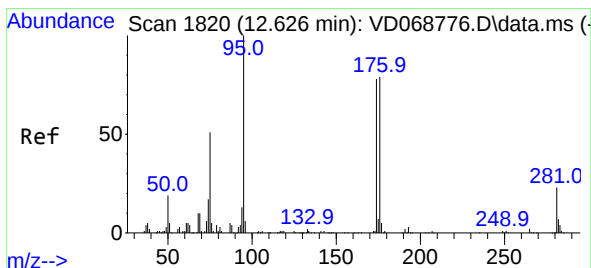
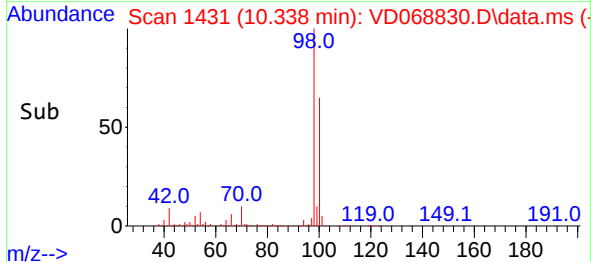
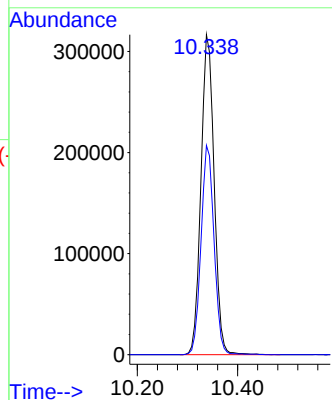
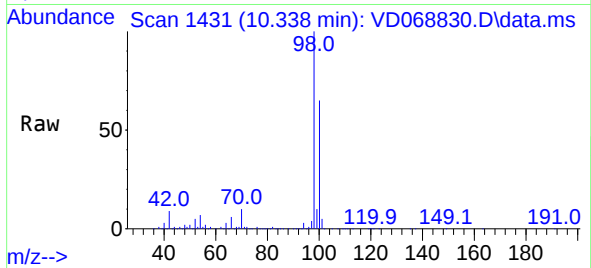




#50
Toluene-d8
Concen: 51.85 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068830.D
Acq: 12 Apr 2021 14:16

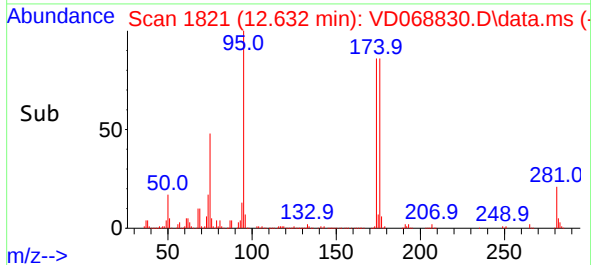
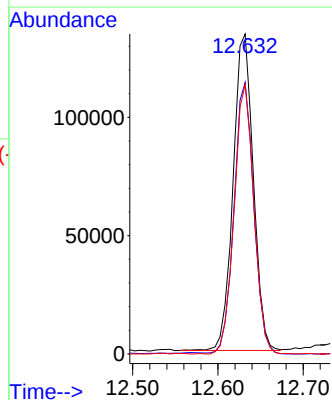
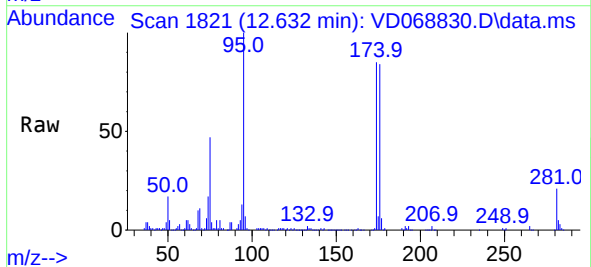
Instrument :
MSVOA_D
ClientSampleId :
RBR-58-56

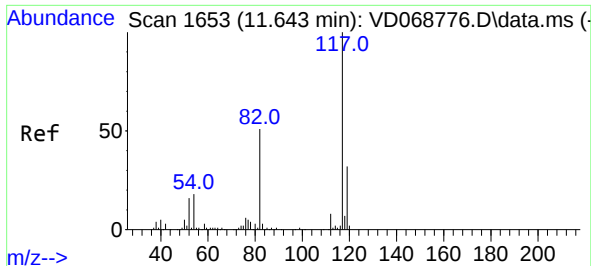
Tgt Ion: 98 Resp: 577334
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 59.46 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068830.D
Acq: 12 Apr 2021 14:16

Tgt Ion: 95 Resp: 219868
Ion Ratio Lower Upper
95 100
174 84.7 0.0 168.0
176 83.3 0.0 160.2

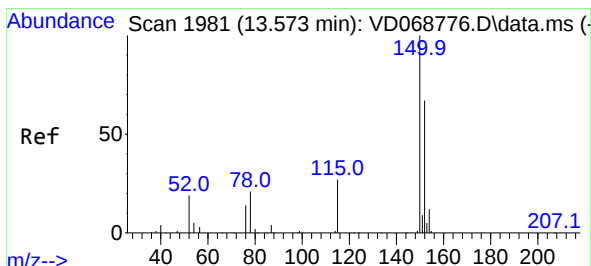
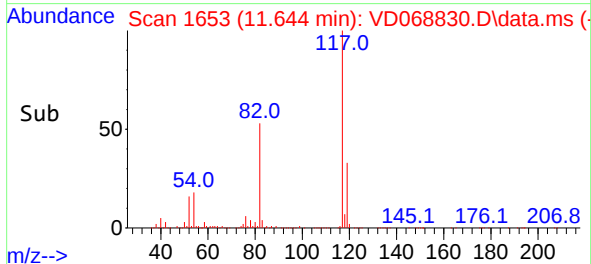
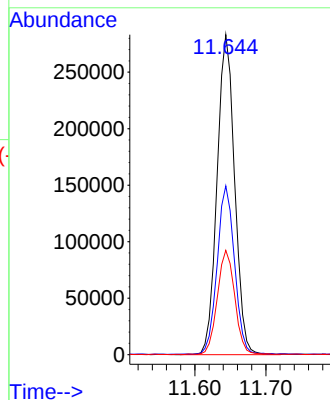
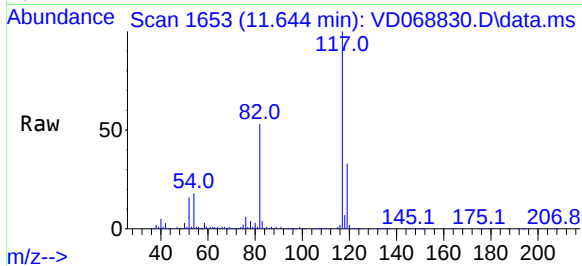




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068830.D
Acq: 12 Apr 2021 14:16

Instrument :
MSVOA_D
ClientSampleId :
RBR-58-56

Tgt Ion:	117	Resp:	485169
Ion	Ratio	Lower	Upper
117	100		
82	52.6	43.5	65.3
119	32.5	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: VD068830.D
Acq: 12 Apr 2021 14:16

Tgt Ion:	152	Resp:	218672
Ion	Ratio	Lower	Upper
152	100		
115	58.4	29.3	87.8
150	157.4	0.0	347.6

