

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041521\
 Data File : VD068864.D
 Acq On : 15 Apr 2021 19:03
 Operator : VA/SY
 Sample : M2049-02
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-08-0-2.0

Quant Time: Apr 16 01:10:55 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	18266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	30507	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	36364	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	20254	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	12994	67.31	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.62%
35) Dibromofluoromethane	7.908	113	11605	58.48	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.96%
50) Toluene-d8	10.344	98	39215	52.39	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.78%
62) 4-Bromofluorobenzene	12.632	95	15842	63.72	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	127.44%

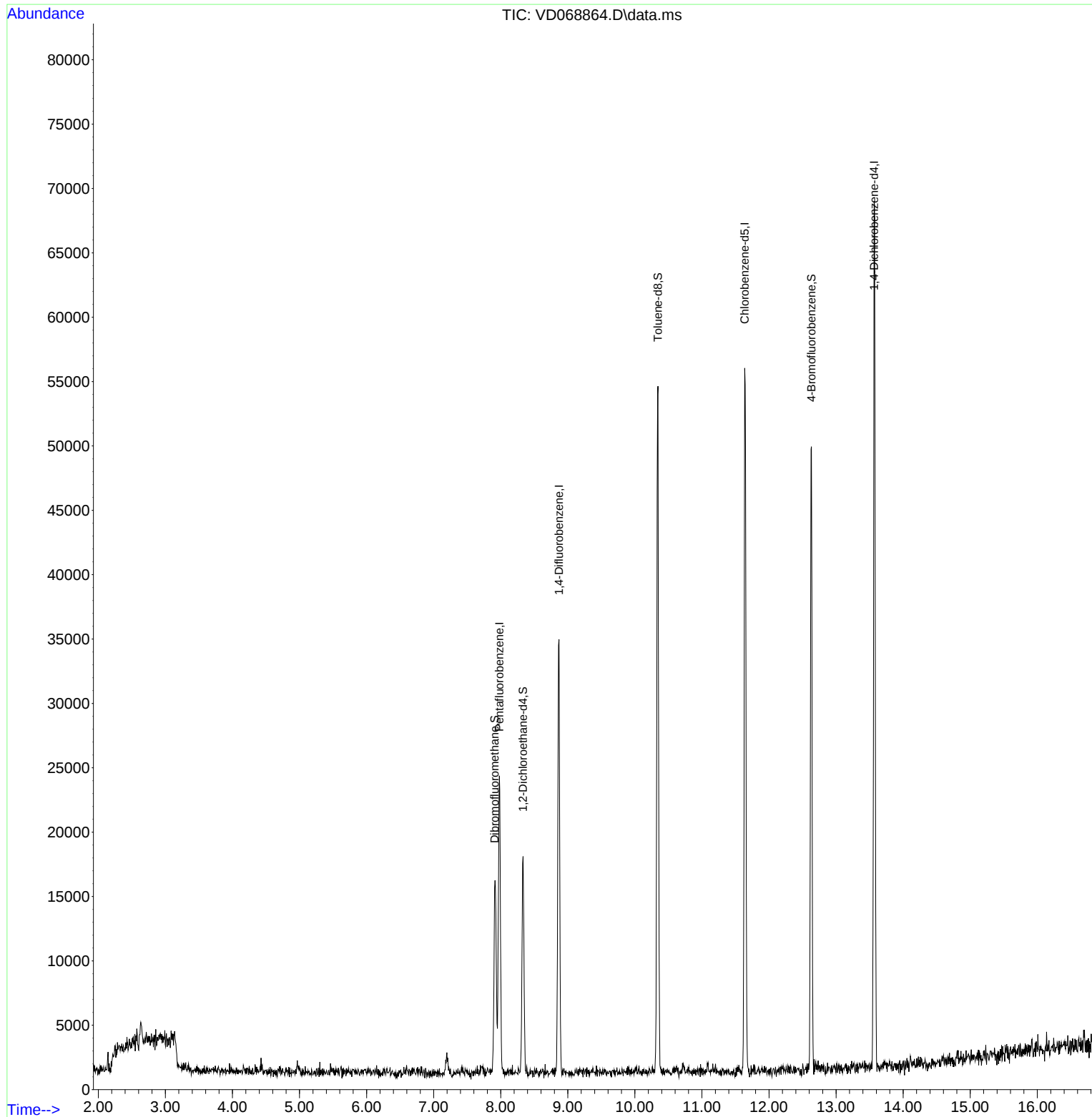
Target Compounds	Qvalue

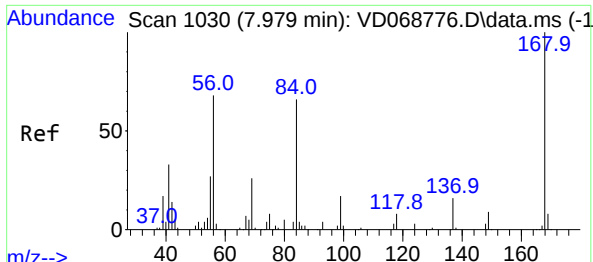
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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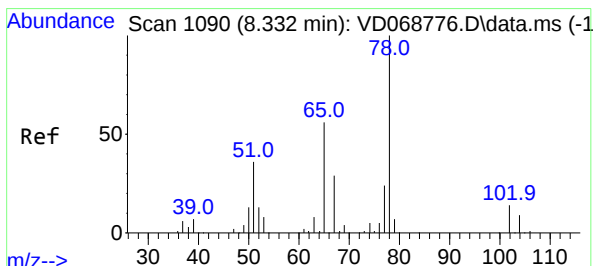
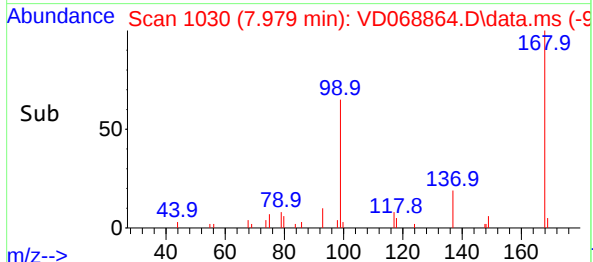
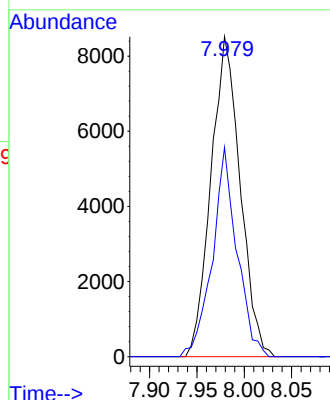
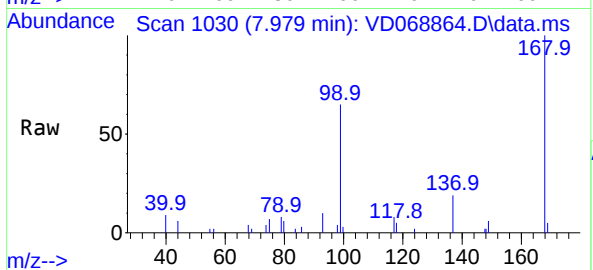




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. 0.000 min
 Lab File: VD068864.D
 Acq: 15 Apr 2021 19:03

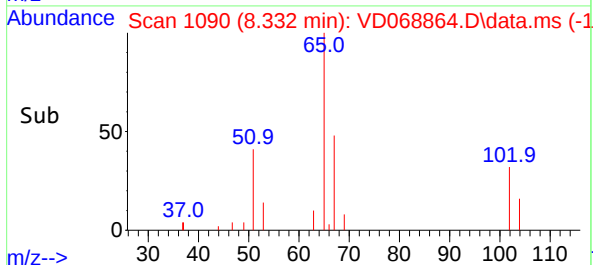
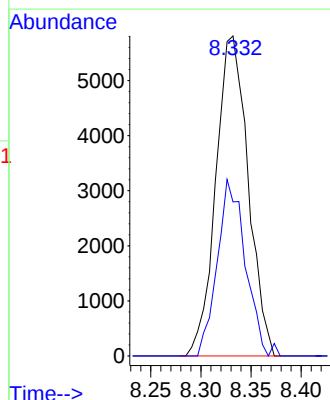
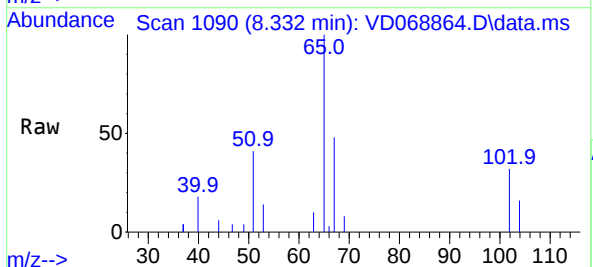
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-08-0-2.0

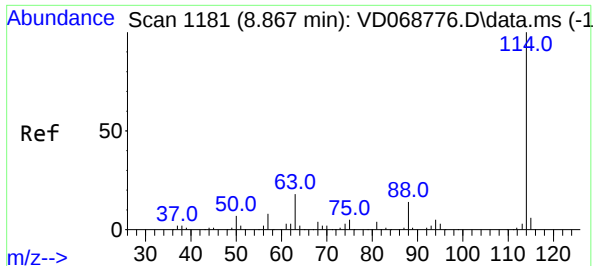
Tgt Ion:168 Resp: 18266
 Ion Ratio Lower Upper
 168 100
 99 65.4 46.2 69.2



1,2-Dichloroethane-d4
 Concen: 67.31 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. -0.000 min
 Lab File: VD068864.D
 Acq: 15 Apr 2021 19:03

Tgt Ion: 65 Resp: 12994
 Ion Ratio Lower Upper
 65 100
 67 48.0 0.0 106.0

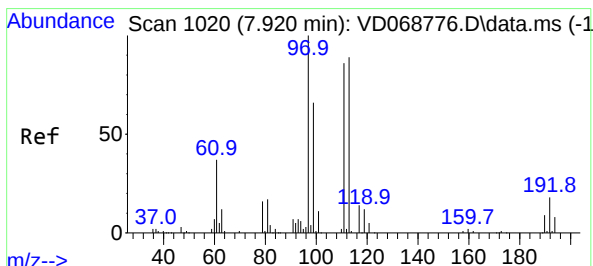
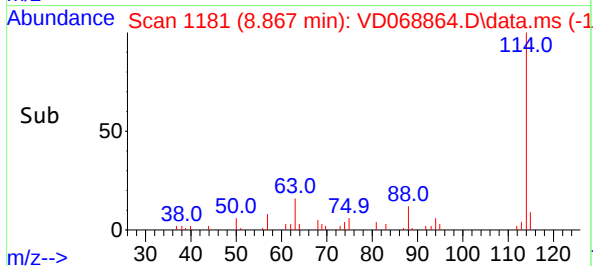
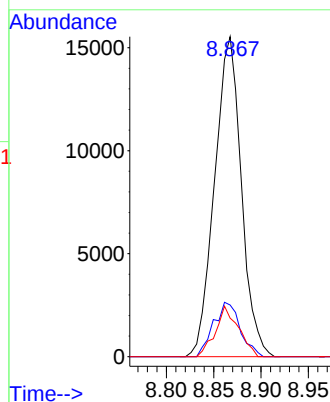
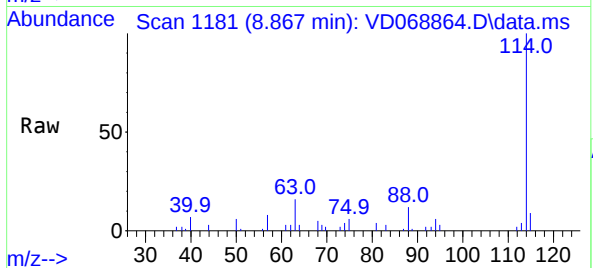




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068864.D
Acq: 15 Apr 2021 19:03

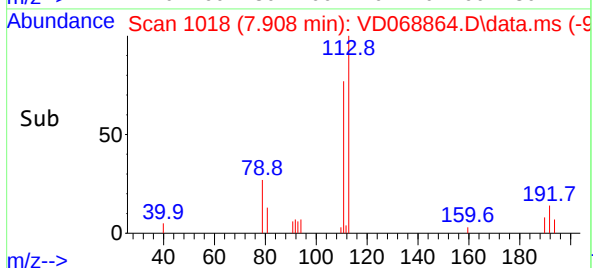
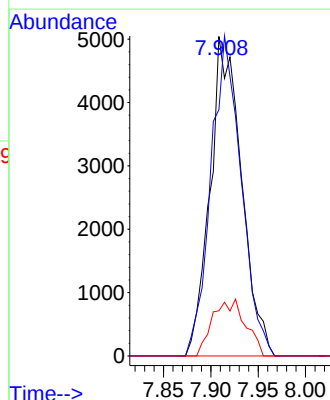
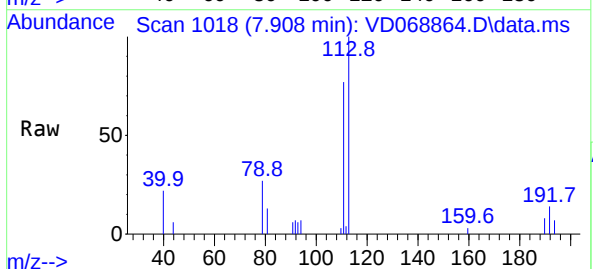
Instrument :
MSVOA_D
ClientSampled :
SB-08-0-2.0

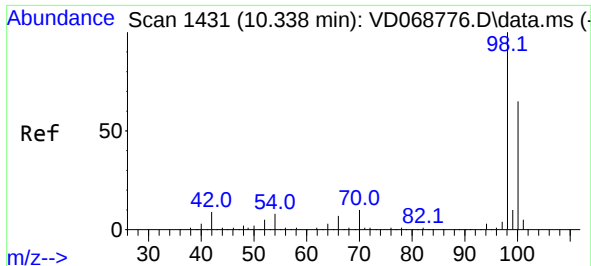
Tgt Ion:	114	Resp:	30507
Ion Ratio	Lower	Upper	
114	100		
63	16.2	0.0	38.2
88	12.0	0.0	29.4



#35
Dibromofluoromethane
Concen: 58.48 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.012 min
Lab File: VD068864.D
Acq: 15 Apr 2021 19:03

Tgt Ion:	113	Resp:	11605
Ion Ratio	Lower	Upper	
113	100		
111	97.0	82.5	123.7
192	18.5	15.1	22.7

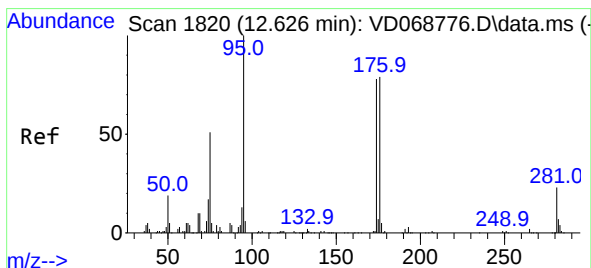
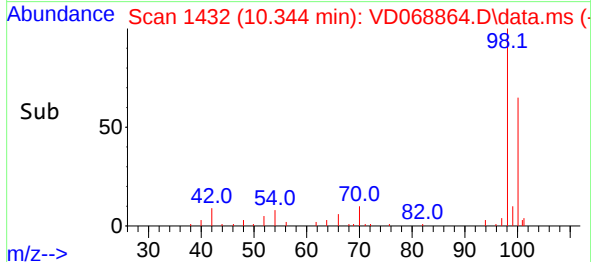
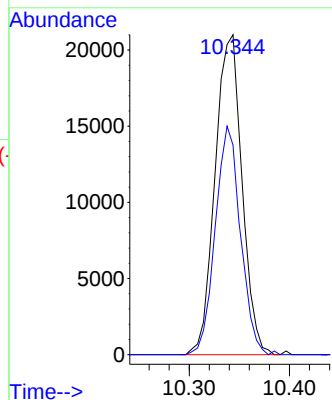
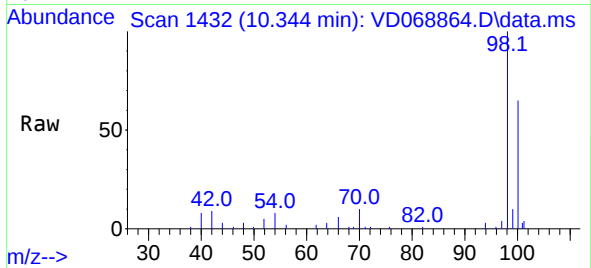




#50
Toluene-d8
Concen: 52.39 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VD068864.D
Acq: 15 Apr 2021 19:03

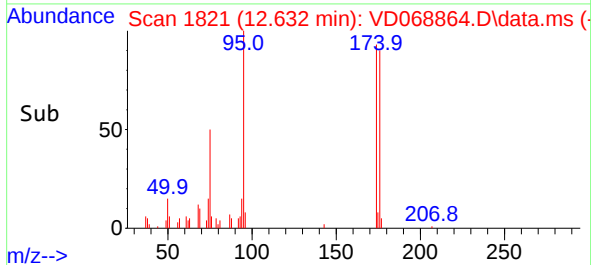
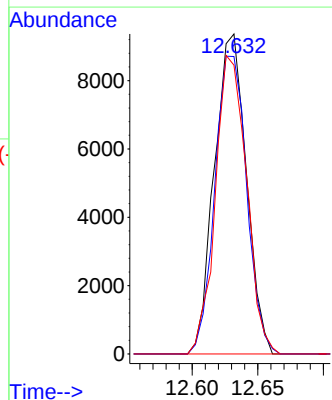
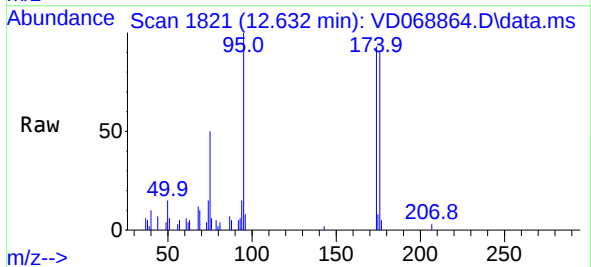
Instrument :
MSVOA_D
ClientSampled :
SB-08-0-2.0

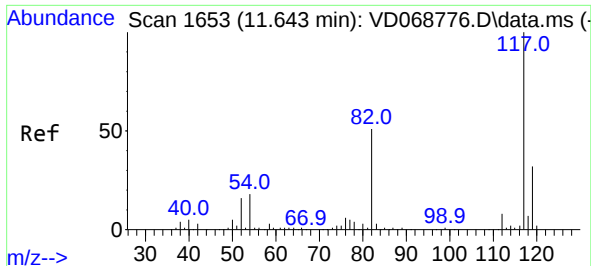
Tgt Ion: 98 Resp: 39215
Ion Ratio Lower Upper
98 100
100 66.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 63.72 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068864.D
Acq: 15 Apr 2021 19:03

Tgt Ion: 95 Resp: 15842
Ion Ratio Lower Upper
95 100
174 93.0 0.0 168.0
176 90.9 0.0 160.2

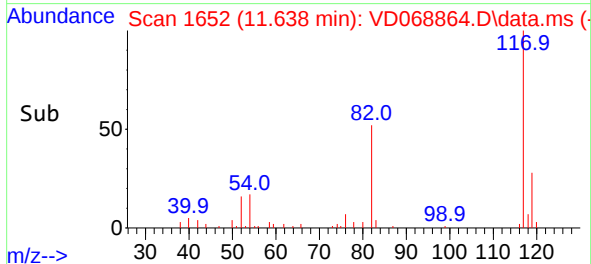
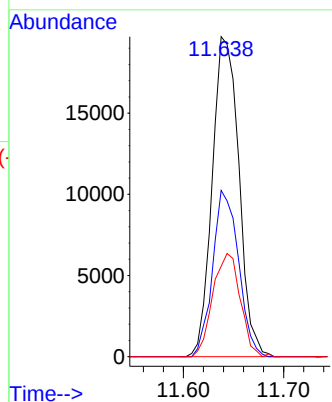
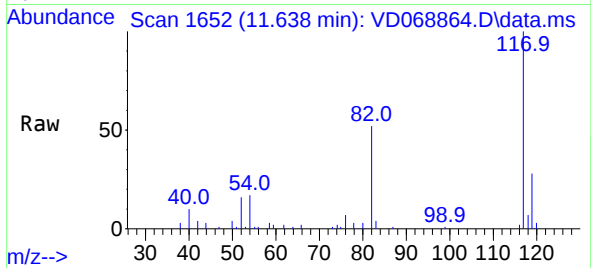




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.005 min
Lab File: VD068864.D
Acq: 15 Apr 2021 19:03

Instrument :
MSVOA_D
ClientSampleId :
SB-08-0-2.0

Tgt Ion:	117	Resp:	36364
Ion Ratio	Lower	Upper	
117	100		
82	52.0	43.5	65.3
119	28.3	26.7	40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD068864.D
Acq: 15 Apr 2021 19:03

Tgt Ion:	152	Resp:	20254
Ion Ratio	Lower	Upper	
152	100		
115	55.4	29.3	87.8
150	154.7	0.0	347.6

