

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041521\
 Data File : VD068865.D
 Acq On : 15 Apr 2021 19:32
 Operator : VA/SY
 Sample : M2049-04
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-08-7.5-8.0

Quant Time: Apr 16 01:11:08 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	218167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	386793	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	430278	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	215229	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	96743	41.96	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.92%
35) Dibromofluoromethane	7.915	113	124090	49.32	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.64%
50) Toluene-d8	10.338	98	495193	52.18	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.36%
62) 4-Bromofluorobenzene	12.632	95	186617	59.20	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	118.40%

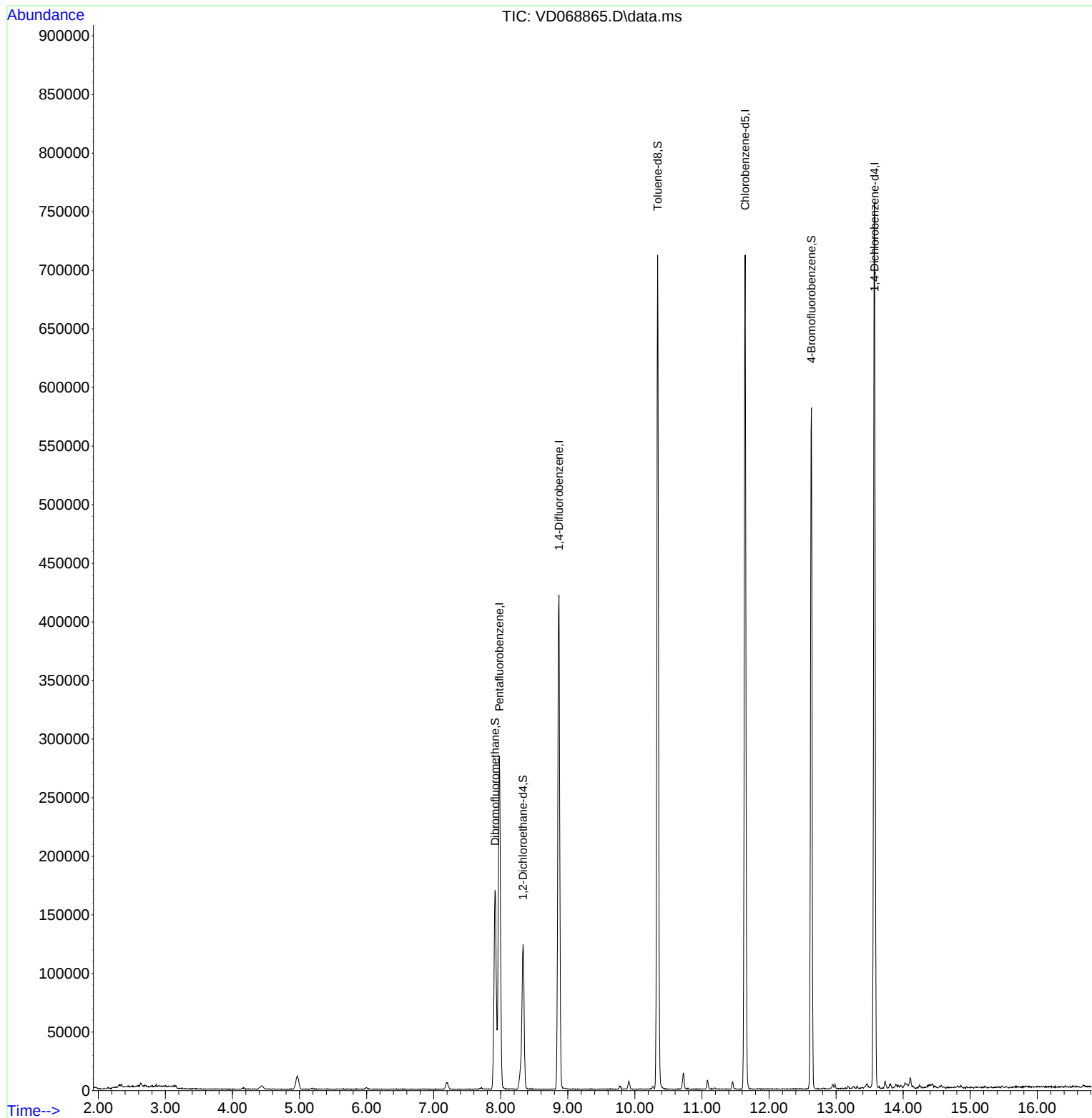
Target Compounds	Qvalue

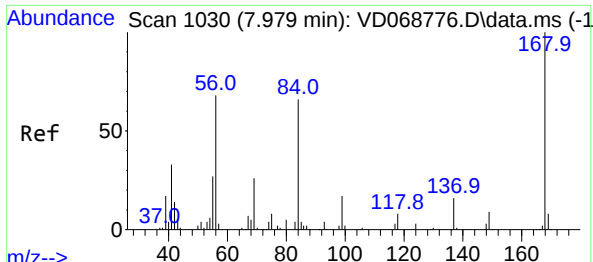
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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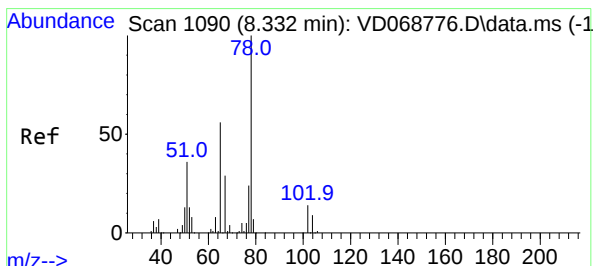
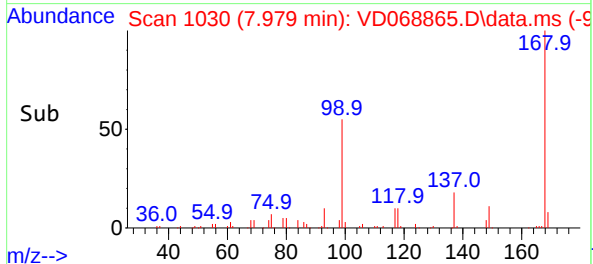
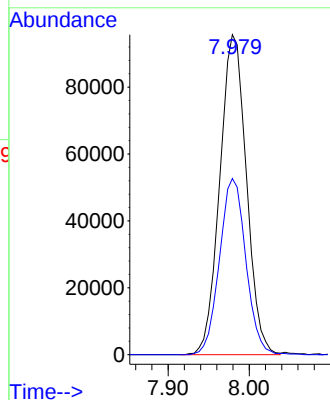
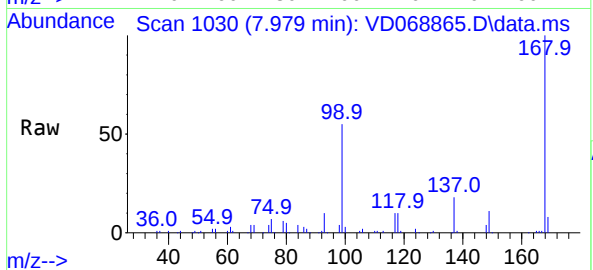




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068865.D
Acq: 15 Apr 2021 19:32

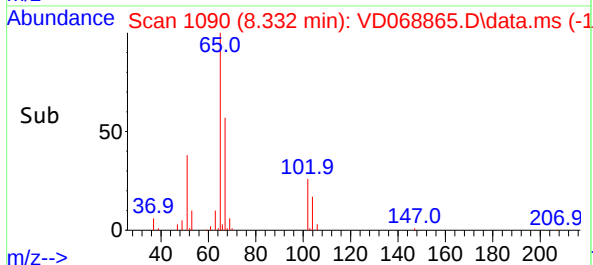
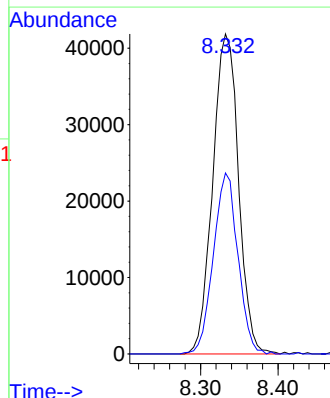
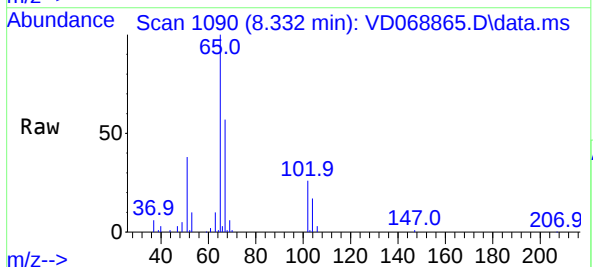
Instrument :
MSVOA_D
ClientSampleId :
SB-08-7.5-8.0

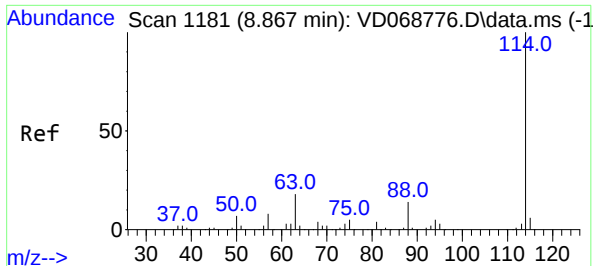
Tgt Ion:168 Resp: 218167
Ion Ratio Lower Upper
168 100
99 55.0 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 41.96 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068865.D
Acq: 15 Apr 2021 19:32

Tgt Ion: 65 Resp: 96743
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: VD068865.D

Acq: 15 Apr 2021 19:32

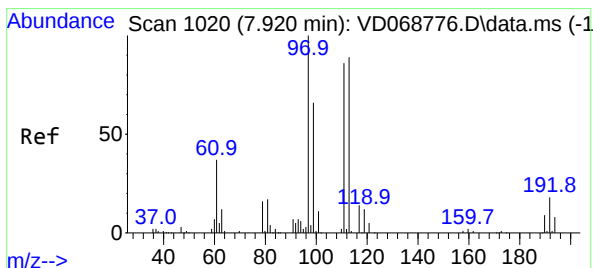
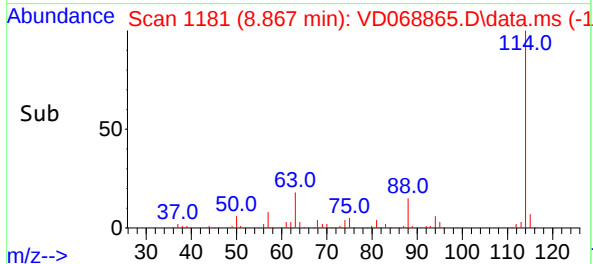
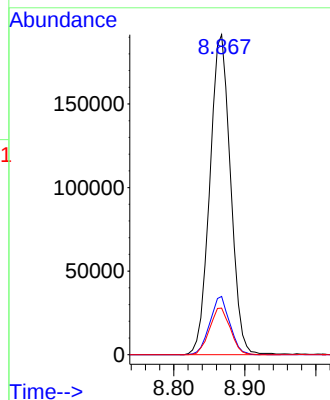
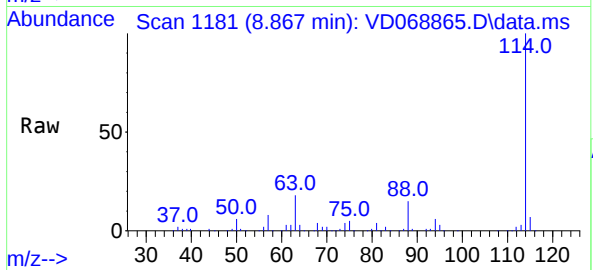
Tgt Ion:114 Resp: 386793

Ion Ratio Lower Upper

114 100

63 18.2 0.0 38.2

88 14.5 0.0 29.4



#35

Dibromofluoromethane

Concen: 49.32 ug/l

RT: 7.915 min Scan# 1019

Delta R.T. -0.005 min

Lab File: VD068865.D

Acq: 15 Apr 2021 19:32

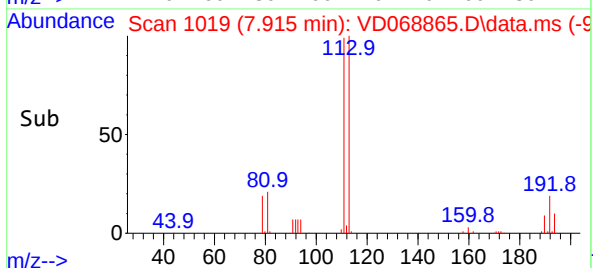
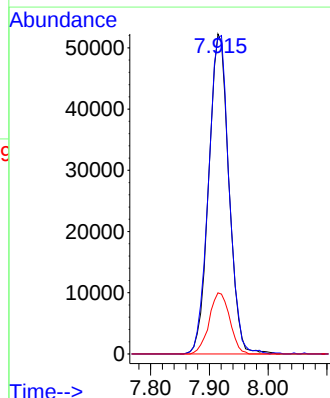
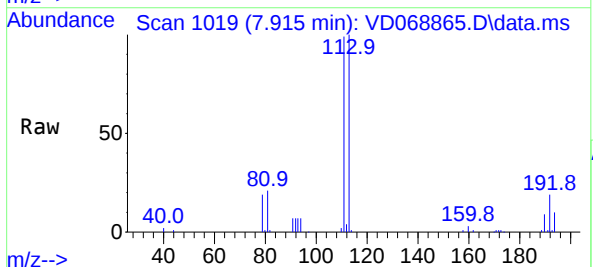
Tgt Ion:113 Resp: 124090

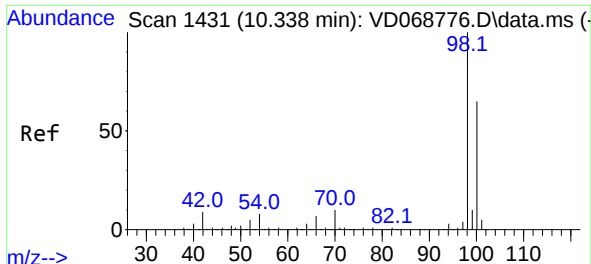
Ion Ratio Lower Upper

113 100

111 101.5 82.5 123.7

192 19.5 15.1 22.7

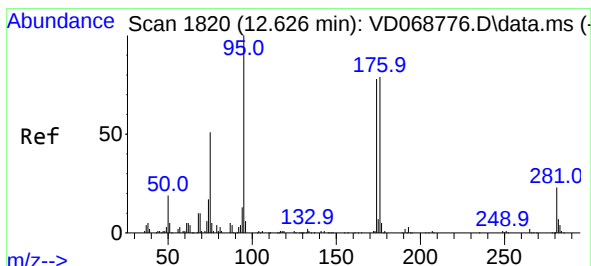
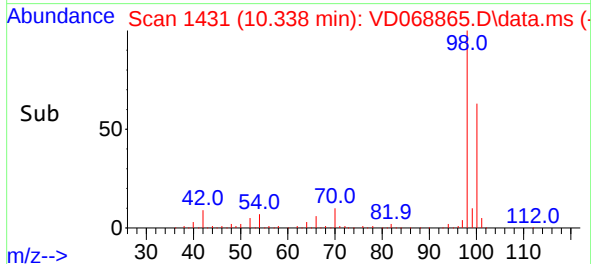
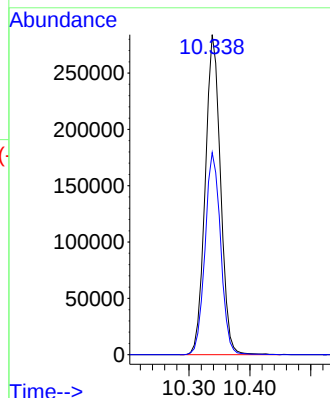
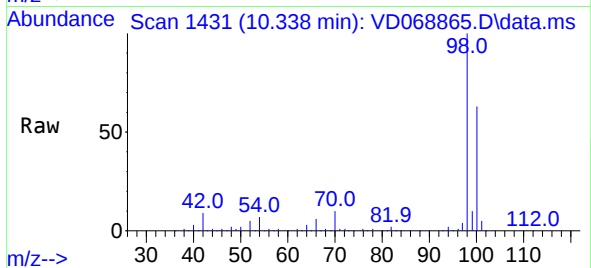




#50
Toluene-d8
Concen: 52.18 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068865.D
Acq: 15 Apr 2021 19:32

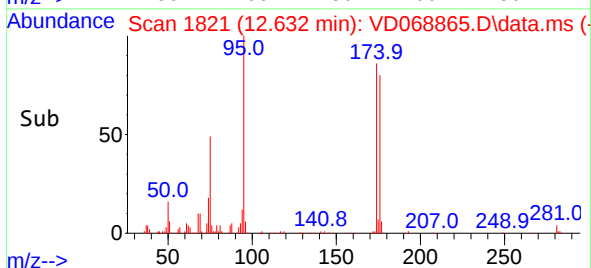
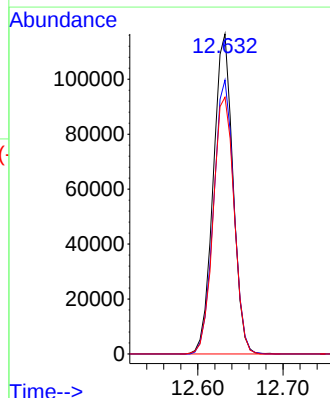
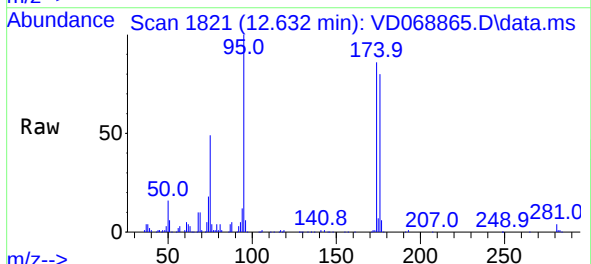
Instrument :
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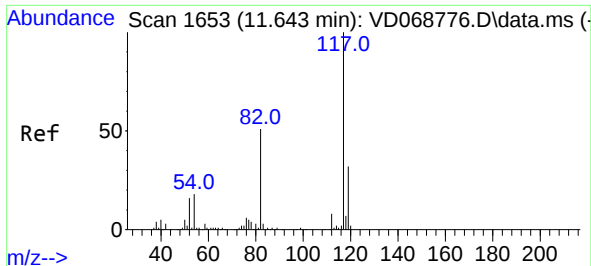
Tgt Ion: 98 Resp: 495193
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 59.20 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068865.D
Acq: 15 Apr 2021 19:32

Tgt Ion: 95 Resp: 186617
Ion Ratio Lower Upper
95 100
174 87.9 0.0 168.0
176 85.0 0.0 160.2

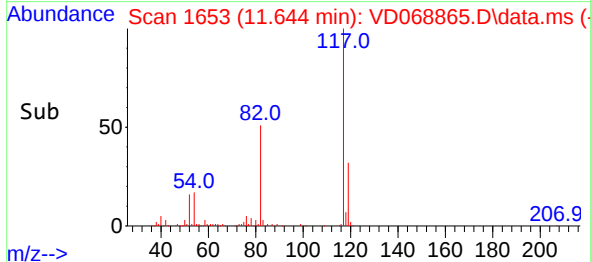
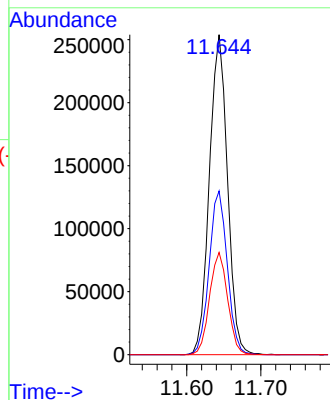
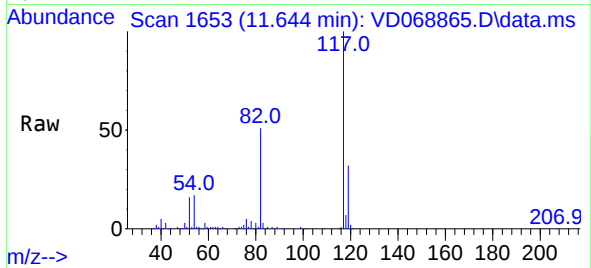




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068865.D
Acq: 15 Apr 2021 19:32

Instrument :
MSVOA_D
ClientSampleId :
SB-08-7.5-8.0

Tgt Ion:	117	Resp:	430278
Ion	Ratio	Lower	Upper
117	100		
82	51.1	43.5	65.3
119	31.9	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: VD068865.D
Acq: 15 Apr 2021 19:32

Tgt Ion:	152	Resp:	215229
Ion	Ratio	Lower	Upper
152	100		
115	57.6	29.3	87.8
150	157.4	0.0	347.6

