

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041521\
 Data File : VD068862.D
 Acq On : 15 Apr 2021 18:06
 Operator : VA/SY
 Sample : M2049-18
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-12-13.5-14.0

Quant Time: Apr 16 01:10:26 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	9796	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	16600	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	20328	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	10290	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	6199	59.88	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.76%
35) Dibromofluoromethane	7.908	113	4789	44.35	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.70%
50) Toluene-d8	10.338	98	21485	52.75	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.50%
62) 4-Bromofluorobenzene	12.632	95	8387	62.00	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	124.00%

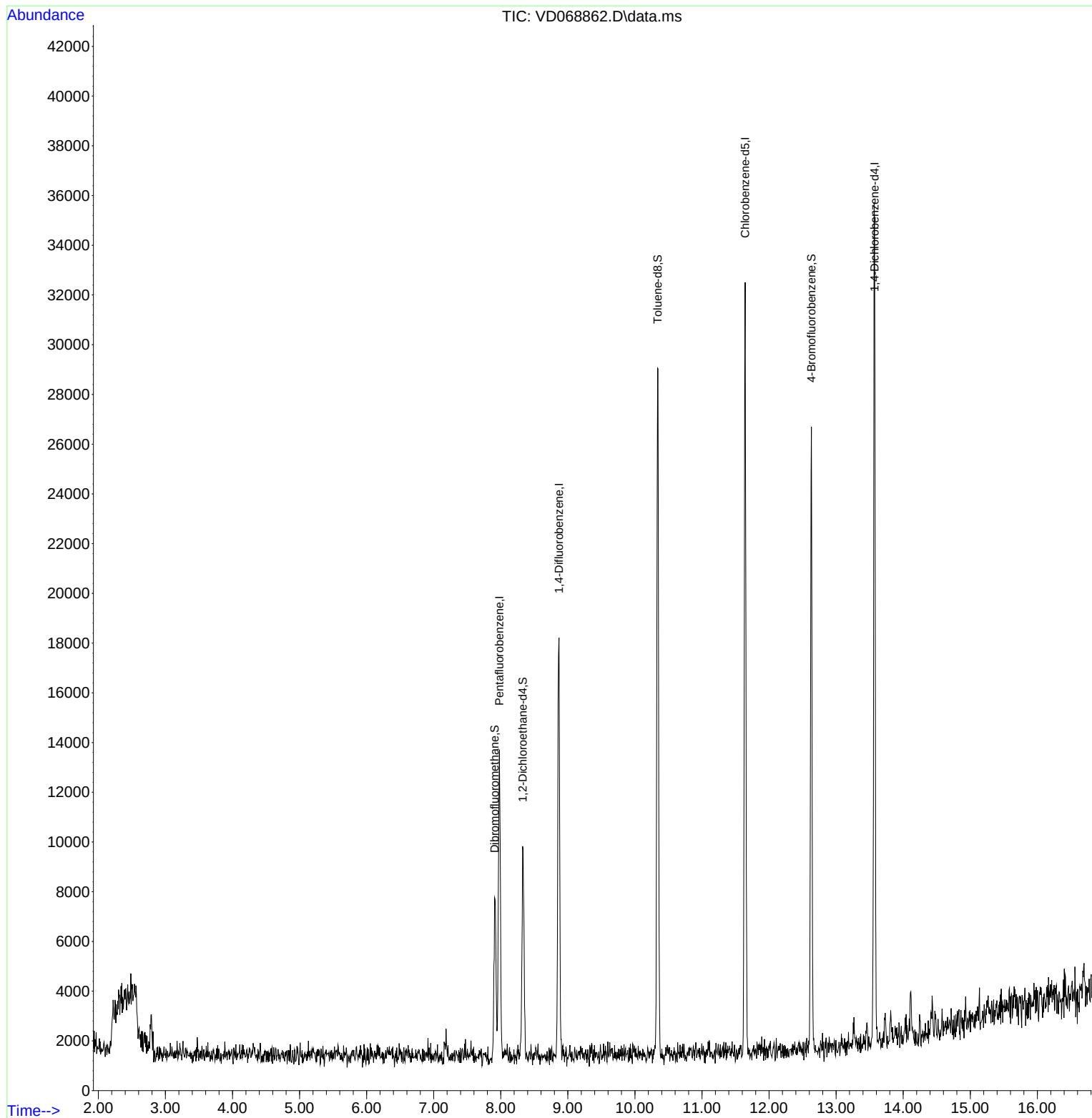
Target Compounds	Qvalue

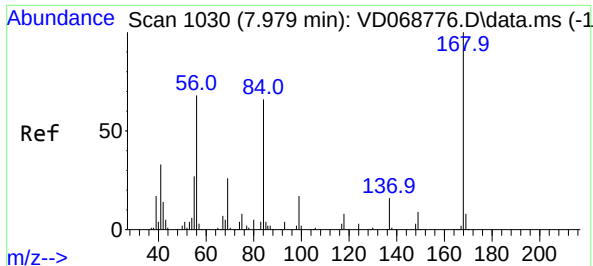
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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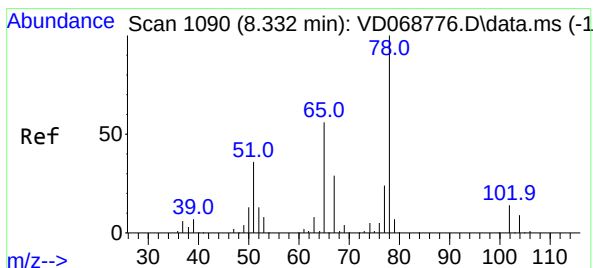
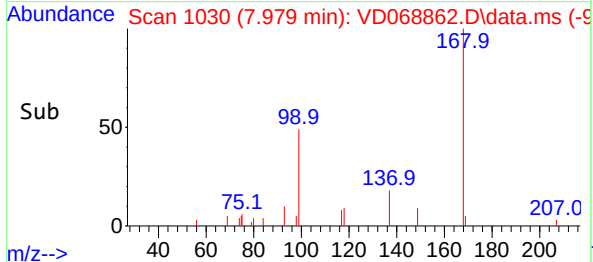
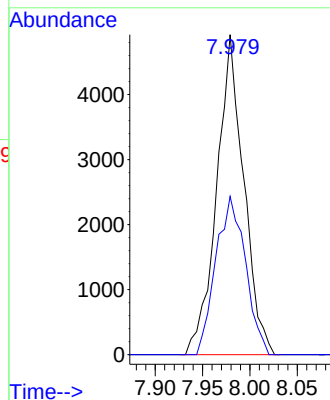
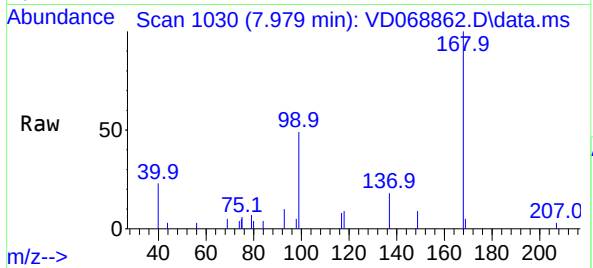




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068862.D
Acq: 15 Apr 2021 18:06

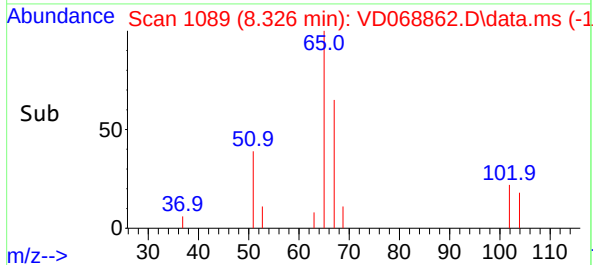
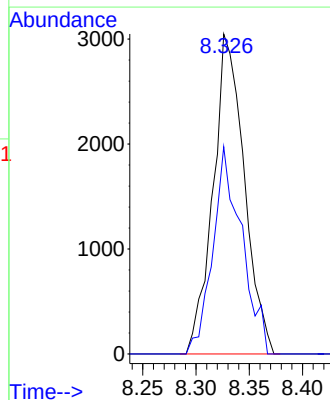
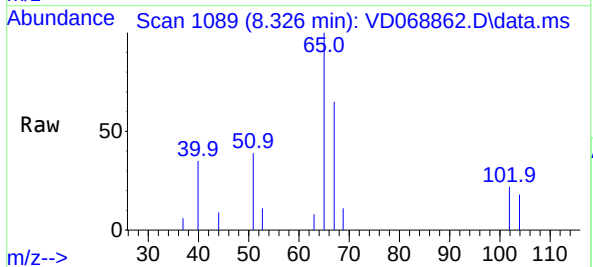
Instrument :
MSVOA_D
ClientSampleId :
SB-12-13.5-14.0

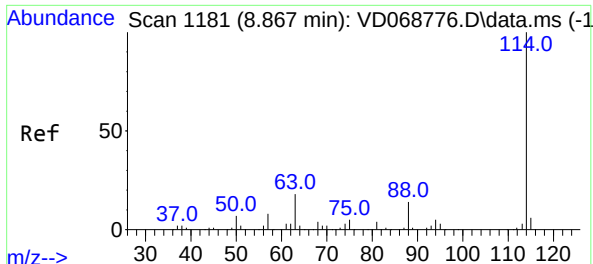
Tgt Ion:168 Resp: 9796
Ion Ratio Lower Upper
168 100
99 49.4 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 59.88 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD068862.D
Acq: 15 Apr 2021 18:06

Tgt Ion: 65 Resp: 6199
Ion Ratio Lower Upper
65 100
67 60.0 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.867 min Scan# 1181

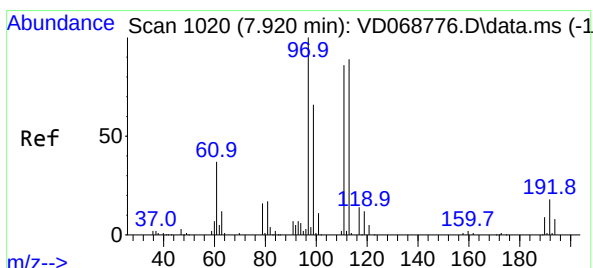
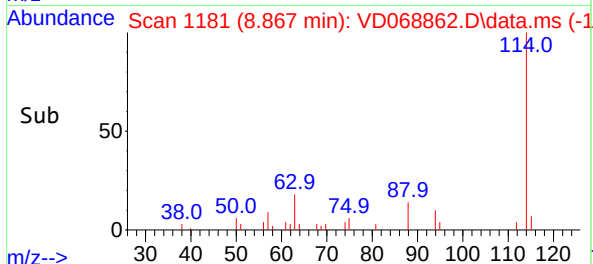
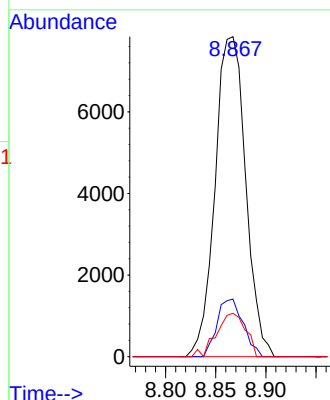
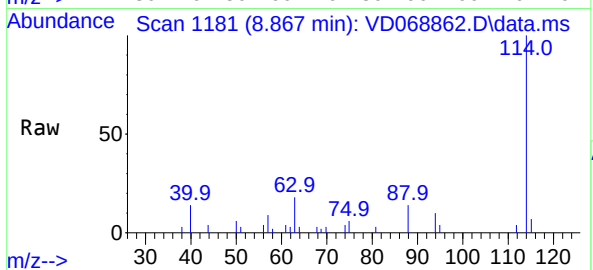
Delta R.T. 0.000 min

Lab File: VD068862.D

Acq: 15 Apr 2021 18:06

Tgt Ion:	114	Resp:	16600
Ion Ratio	Lower	Upper	
114	100		
63	18.0	0.0	38.2
88	13.6	0.0	29.4

Instrument :
MSVOA_D
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#35

Dibromofluoromethane

Concen: 44.35 ug/l

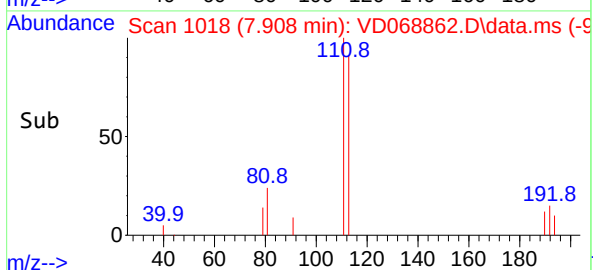
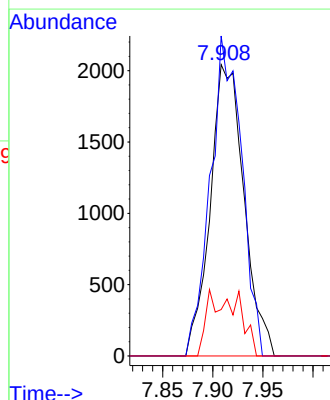
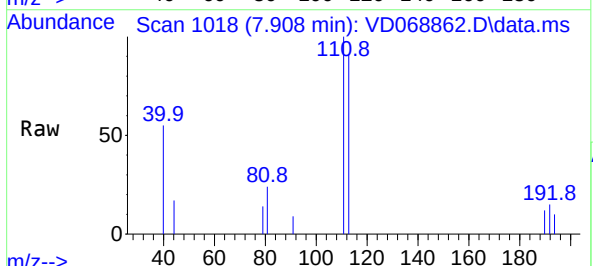
RT: 7.908 min Scan# 1018

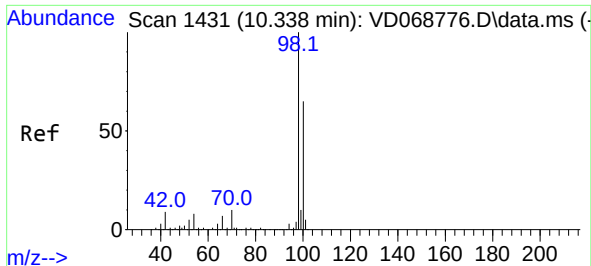
Delta R.T. -0.012 min

Lab File: VD068862.D

Acq: 15 Apr 2021 18:06

Tgt Ion:	113	Resp:	4789
Ion Ratio	Lower	Upper	
113	100		
111	101.5	82.5	123.7
192	9.4	15.1	22.7#

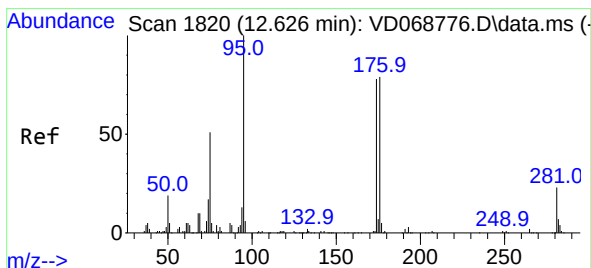
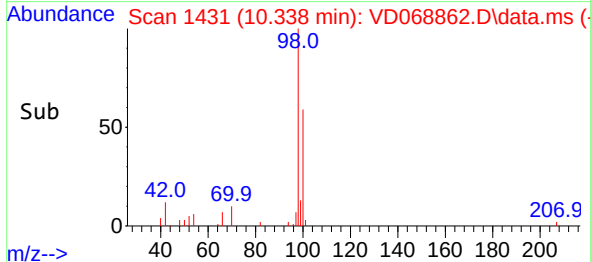
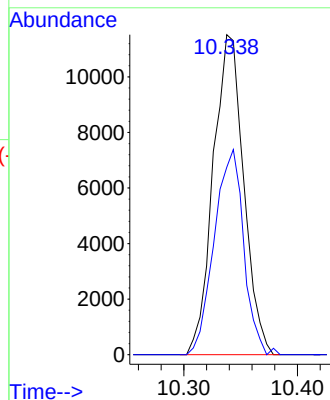
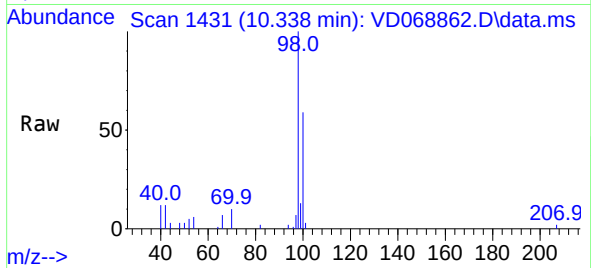




#50
Toluene-d8
Concen: 52.75 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068862.D
Acq: 15 Apr 2021 18:06

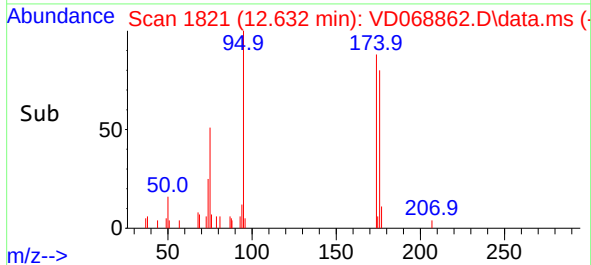
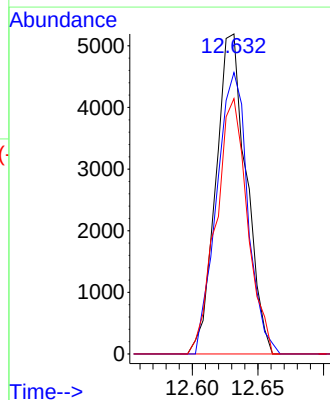
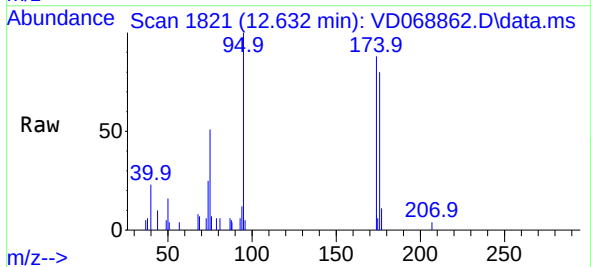
Instrument :
MSVOA_D
ClientSampleId :
SB-12-13.5-14.0

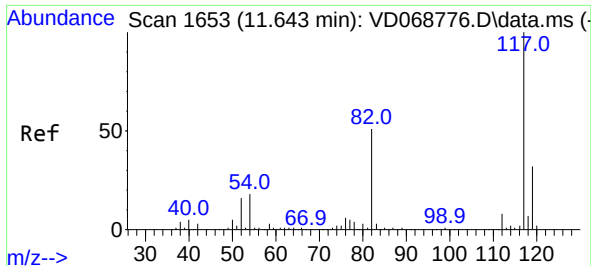
Tgt Ion: 98 Resp: 21485
Ion Ratio Lower Upper
98 100
100 61.8 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 62.00 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068862.D
Acq: 15 Apr 2021 18:06

Tgt Ion: 95 Resp: 8387
Ion Ratio Lower Upper
95 100
174 90.1 0.0 168.0
176 82.3 0.0 160.2

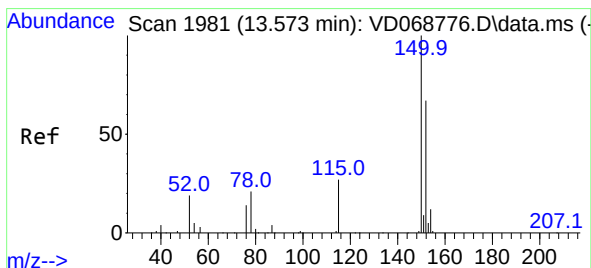
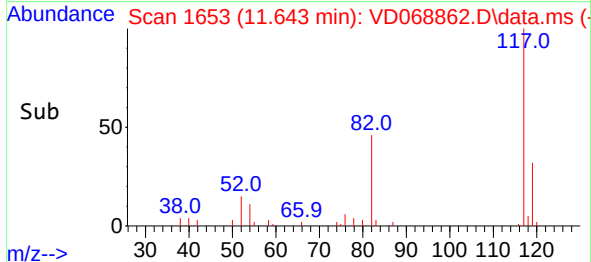
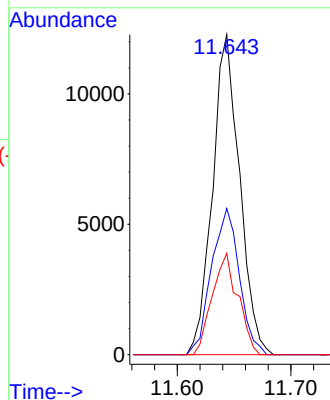
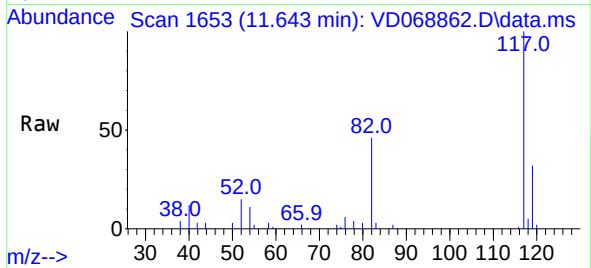




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068862.D
Acq: 15 Apr 2021 18:06

Instrument :
MSVOA_D
ClientSampleId :
SB-12-13.5-14.0

Tgt Ion:	117	Resp:	20328
Ion	Ratio	Lower	Upper
117	100		
82	45.7	43.5	65.3
119	31.7	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: VD068862.D
Acq: 15 Apr 2021 18:06

Tgt Ion:	152	Resp:	10290
Ion	Ratio	Lower	Upper
152	100		
115	57.9	29.3	87.8
150	150.7	0.0	347.6

