

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041521\
 Data File : VD068859.D
 Acq On : 15 Apr 2021 16:40
 Operator : VA/SY
 Sample : M2049-06
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-09-0-2.0

Quant Time: Apr 16 01:09:50 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	6655	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	10532	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	11677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	6672	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	4837	68.77	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 137.54%	
35) Dibromofluoromethane	7.914	113	3231	47.16	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 94.32%	
50) Toluene-d8	10.343	98	12858	49.76	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.52%	
62) 4-Bromofluorobenzene	12.626	95	5585	65.07	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 130.14%	

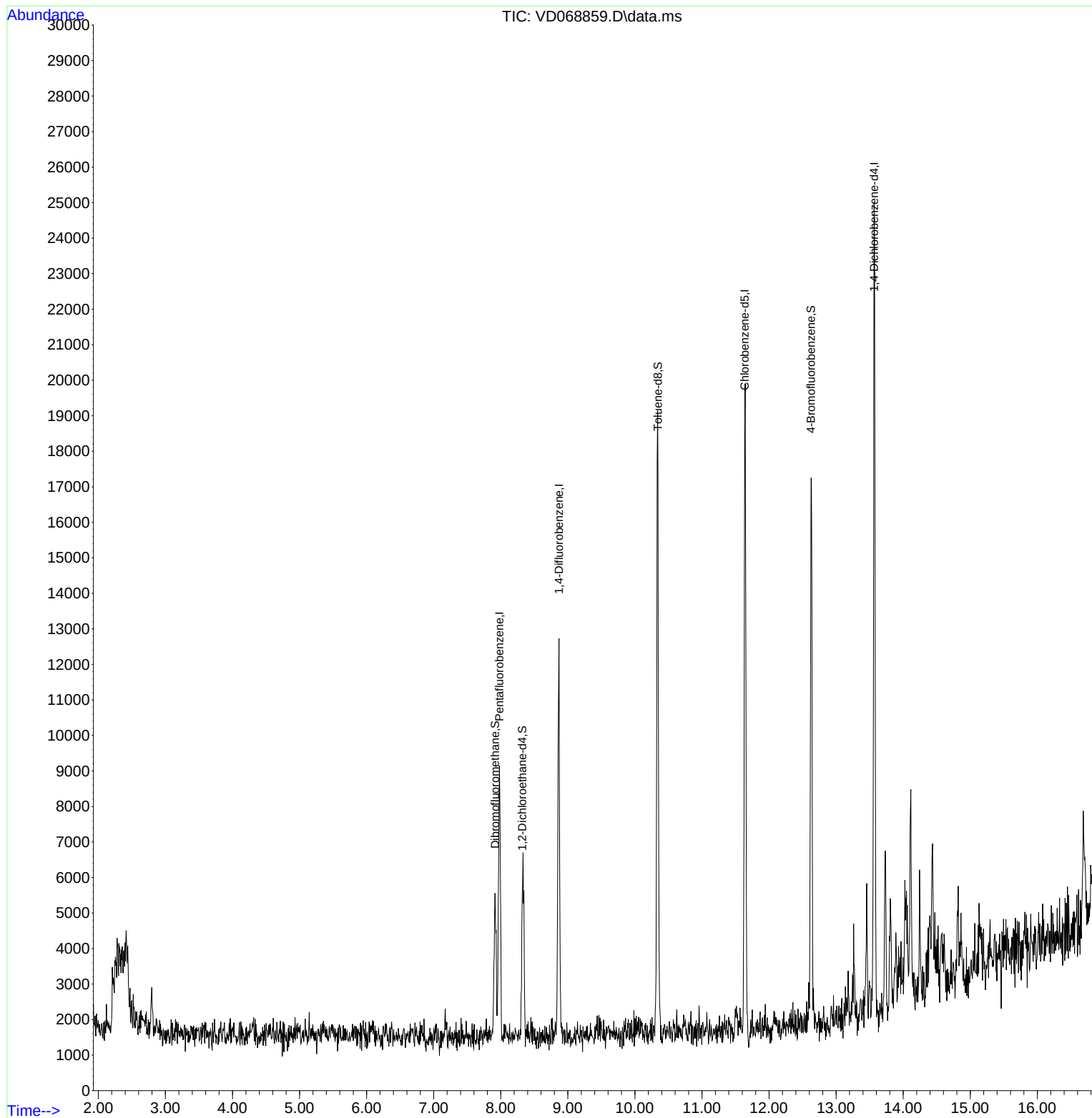
Target Compounds	Qvalue

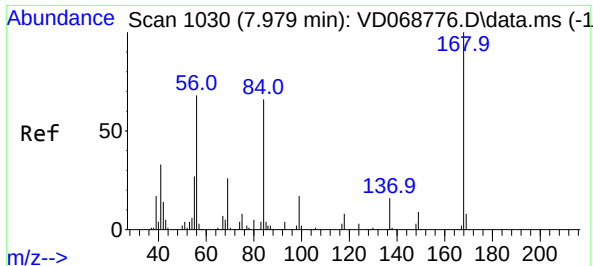
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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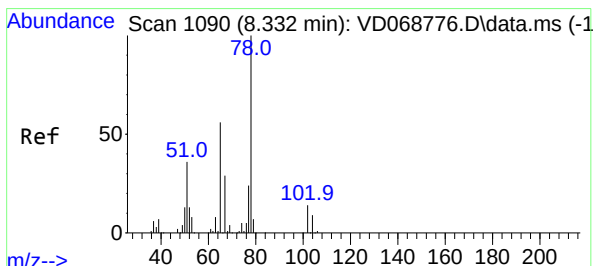
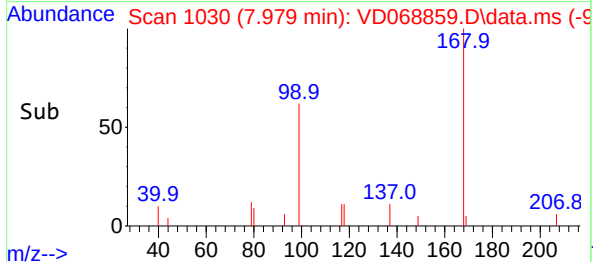
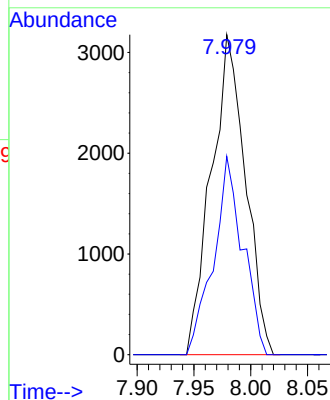
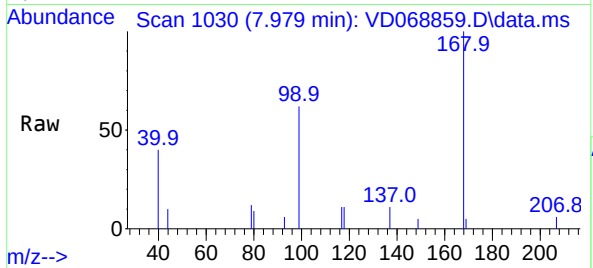




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068859.D
Acq: 15 Apr 2021 16:40

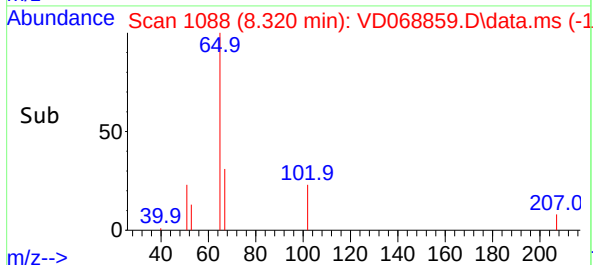
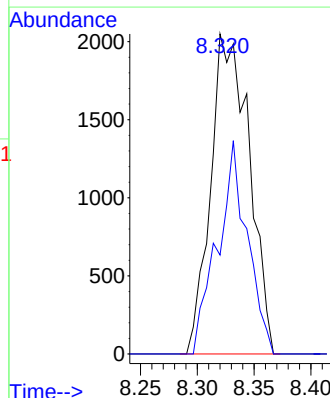
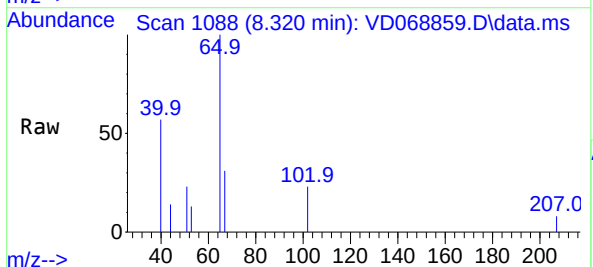
Instrument :
MSVOA_D
ClientSampleId :
SB-09-0-2.0

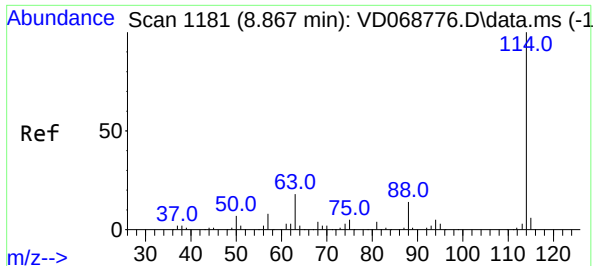
Tgt Ion:168 Resp: 6655
Ion Ratio Lower Upper
168 100
99 61.9 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 68.77 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.012 min
Lab File: VD068859.D
Acq: 15 Apr 2021 16:40

Tgt Ion: 65 Resp: 4837
Ion Ratio Lower Upper
65 100
67 51.5 0.0 106.0



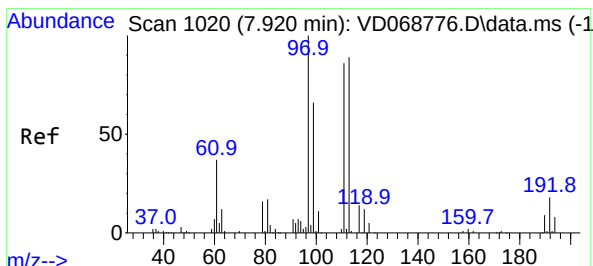
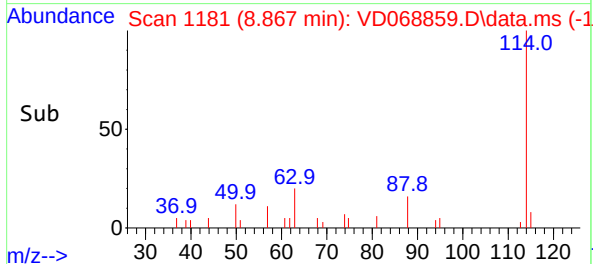
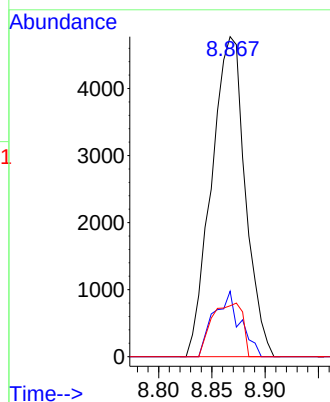
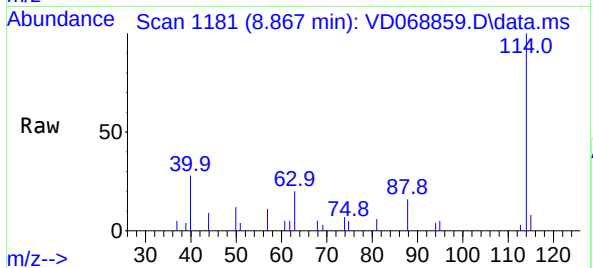


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068859.D
Acq: 15 Apr 2021 16:40

Instrument :
MSVOA_D
ClientSampleId :
SB-09-0-2.0

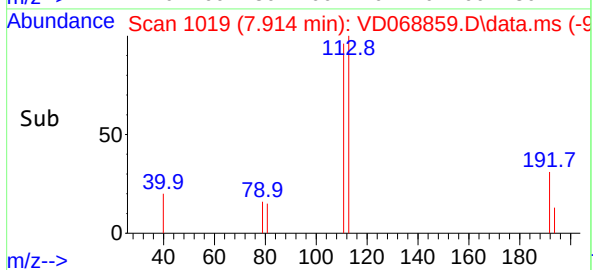
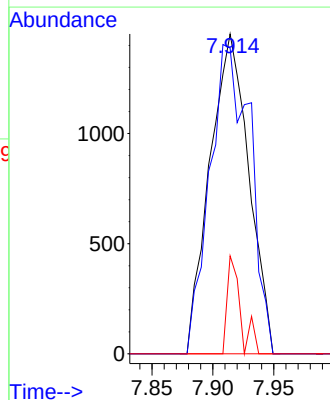
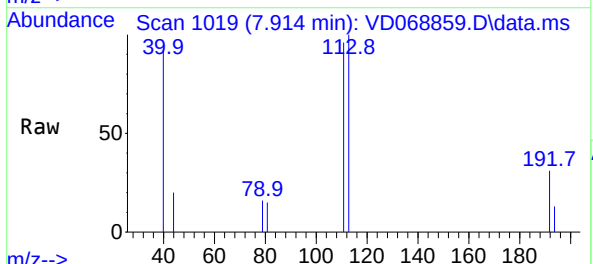
Tgt Ion:114 Resp: 10532
Ion Ratio Lower Upper
114 100
63 20.4 0.0 38.2
88 15.9 0.0 29.4

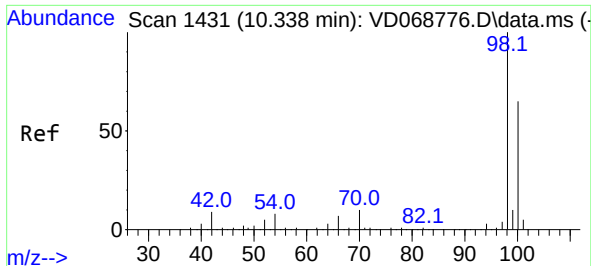


#35

Dibromofluoromethane
Concen: 47.16 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068859.D
Acq: 15 Apr 2021 16:40

Tgt Ion:113 Resp: 3231
Ion Ratio Lower Upper
113 100
111 100.3 82.5 123.7
192 10.5 15.1 22.7#

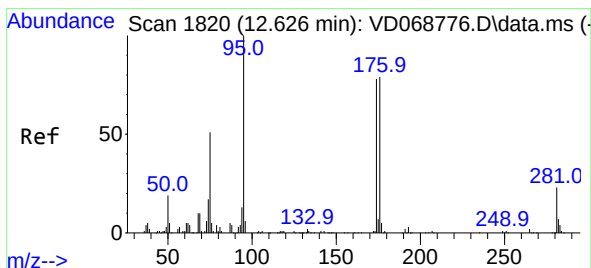
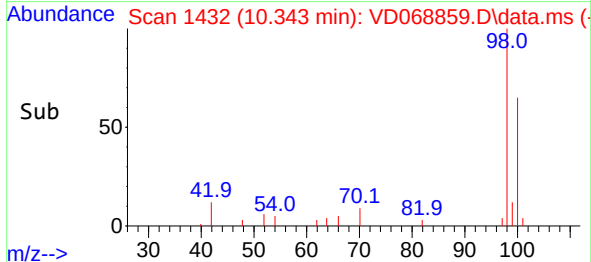
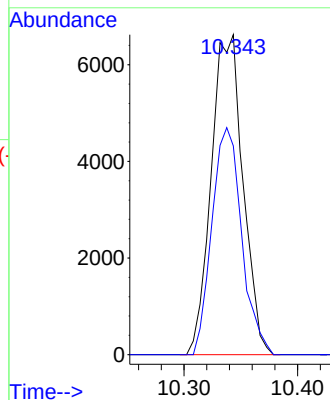
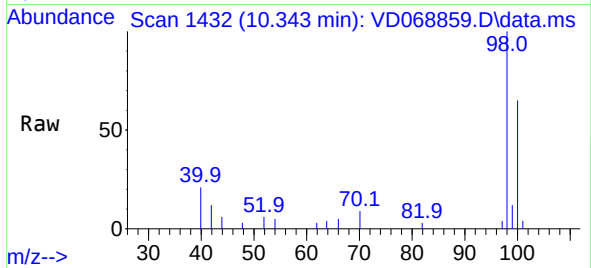




#50
Toluene-d8
Concen: 49.76 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.005 min
Lab File: VD068859.D
Acq: 15 Apr 2021 16:40

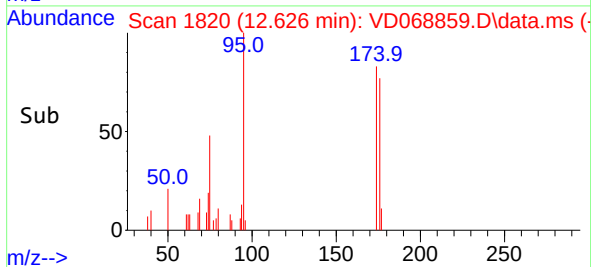
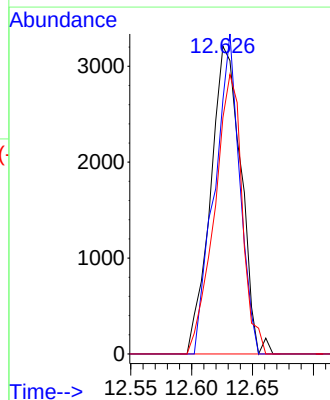
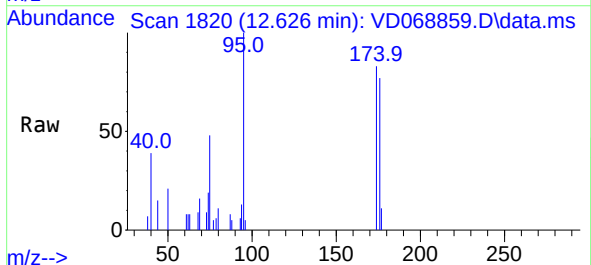
Instrument :
MSVOA_D
ClientSampleId :
SB-09-0-2.0

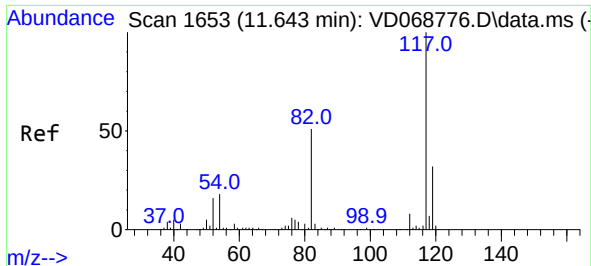
Tgt Ion: 98 Resp: 12858
Ion Ratio Lower Upper
98 100
100 66.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 65.07 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD068859.D
Acq: 15 Apr 2021 16:40

Tgt Ion: 95 Resp: 5585
Ion Ratio Lower Upper
95 100
174 85.4 0.0 168.0
176 82.4 0.0 160.2

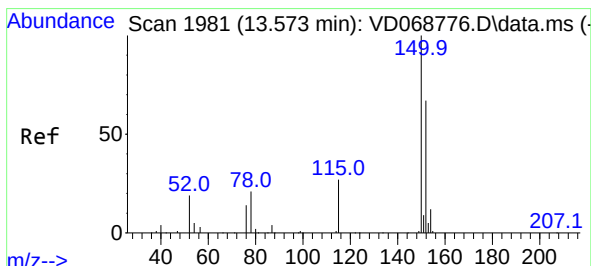
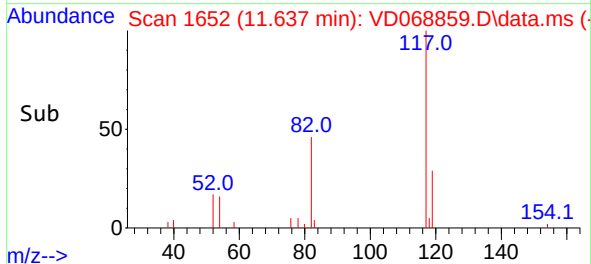
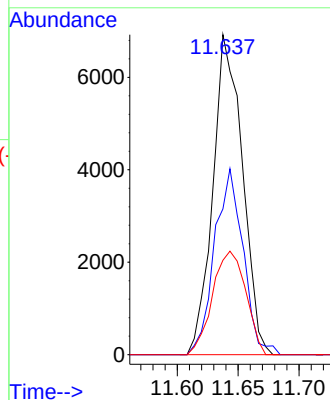
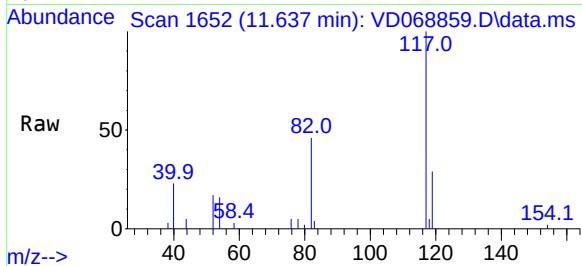




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.006 min
Lab File: VD068859.D
Acq: 15 Apr 2021 16:40

Instrument :
MSVOA_D
ClientSampleId :
SB-09-0-2.0

Tgt Ion:	117	Resp:	11677
Ion	Ratio	Lower	Upper
117	100		
82	45.6	43.5	65.3
119	29.5	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: VD068859.D
Acq: 15 Apr 2021 16:40

Tgt Ion:	152	Resp:	6672
Ion	Ratio	Lower	Upper
152	100		
115	56.1	29.3	87.8
150	161.2	0.0	347.6

