

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041521\
 Data File : VD068860.D
 Acq On : 15 Apr 2021 17:09
 Operator : VA/SY
 Sample : M2049-12
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-10-8.5-9.0

Quant Time: Apr 16 01:10:02 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	271658	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	454507	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	498855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	273272	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	116378	40.54	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.08%
35) Dibromofluoromethane	7.914	113	150791	51.01	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.02%
50) Toluene-d8	10.338	98	576666	51.71	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.42%
62) 4-Bromofluorobenzene	12.626	95	239626	64.70	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	129.40%

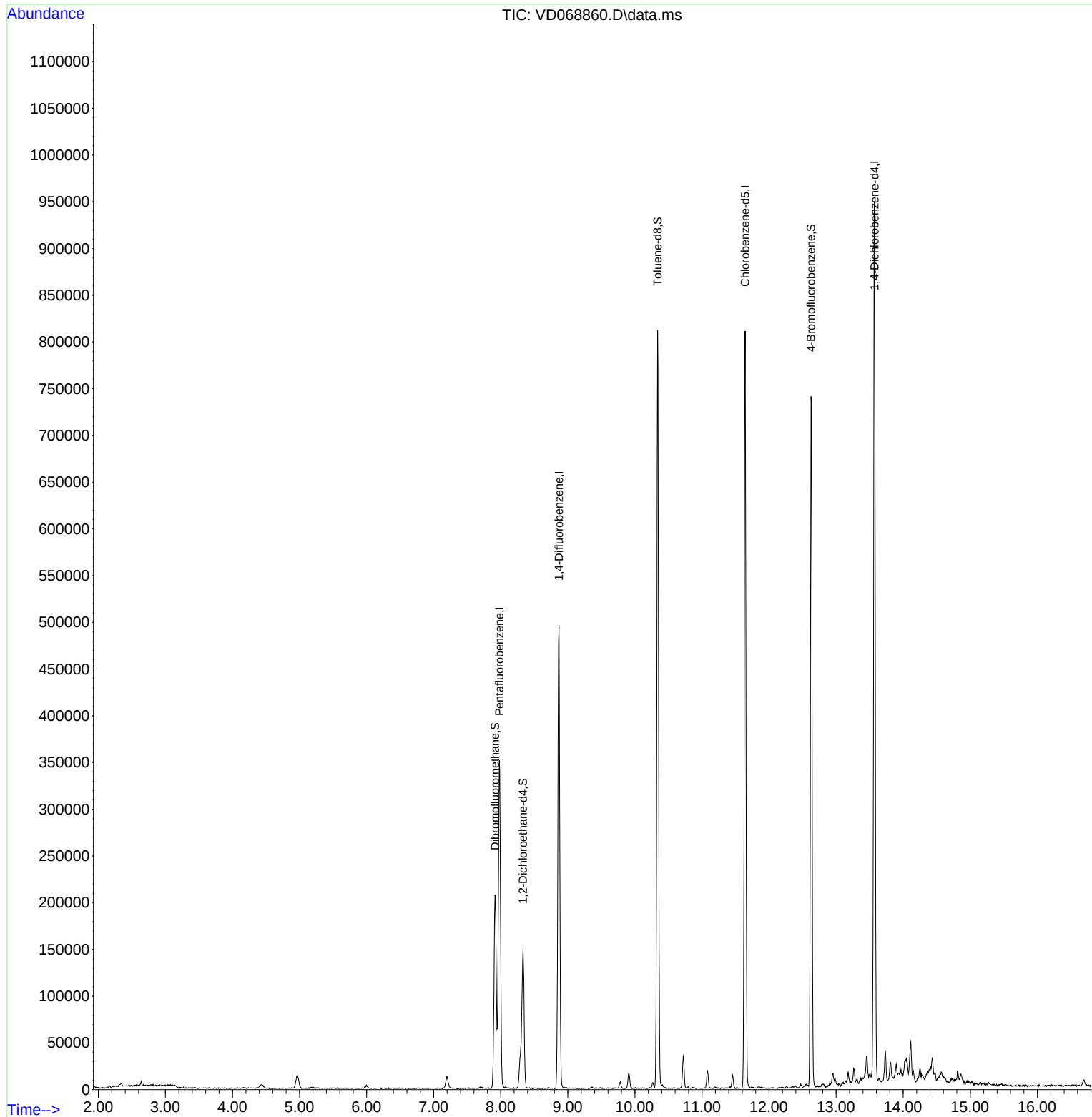
Target Compounds	Qvalue
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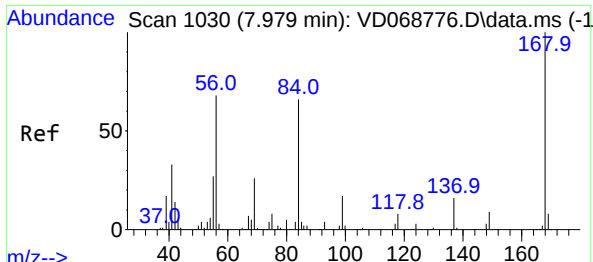
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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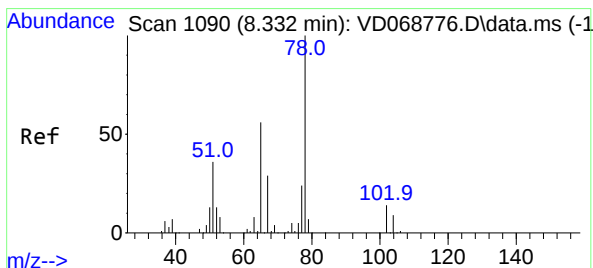
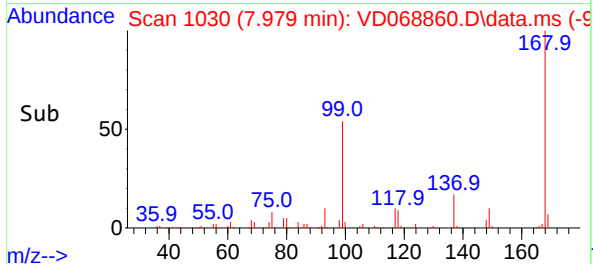
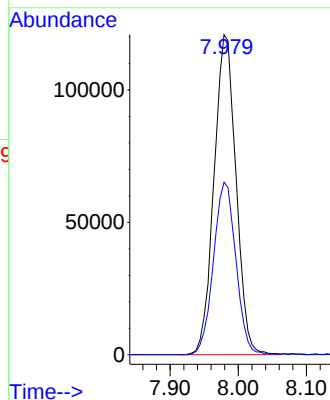
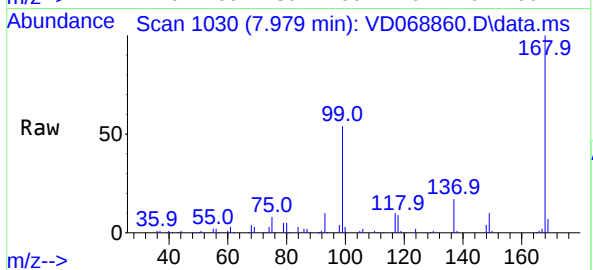




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068860.D
Acq: 15 Apr 2021 17:09

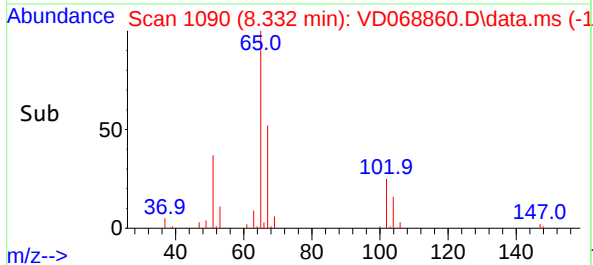
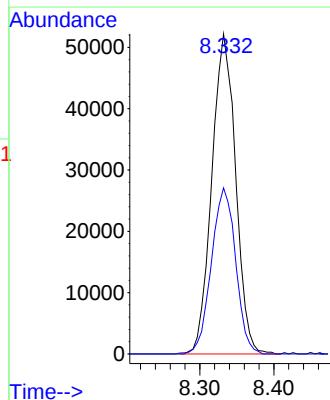
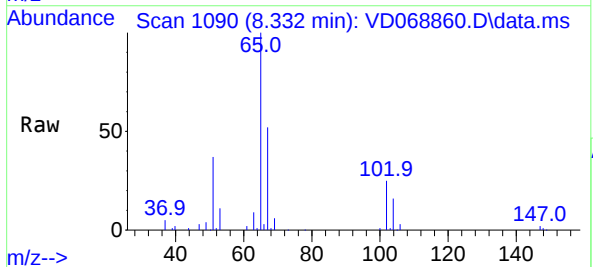
Instrument :
MSVOA_D
ClientSampleId :
SB-10-8.5-9.0

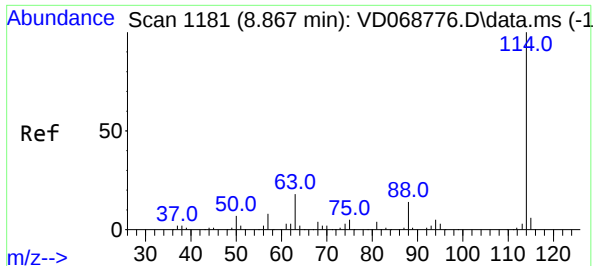
Tgt Ion:168 Resp: 271658
Ion Ratio Lower Upper
168 100
99 53.9 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 40.54 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068860.D
Acq: 15 Apr 2021 17:09

Tgt Ion: 65 Resp: 116378
Ion Ratio Lower Upper
65 100
67 52.8 0.0 106.0

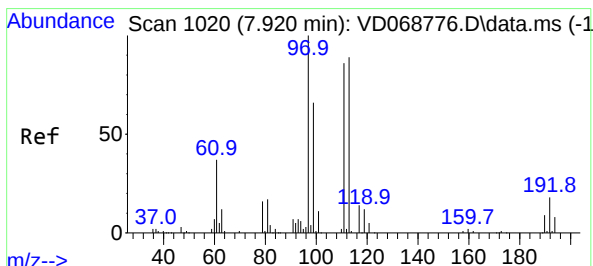
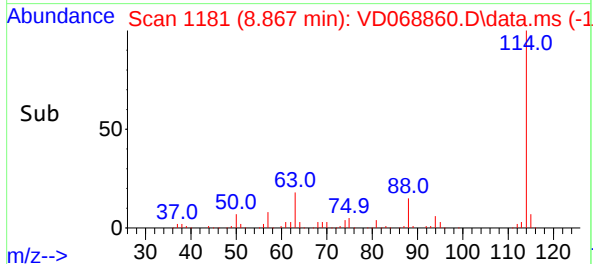
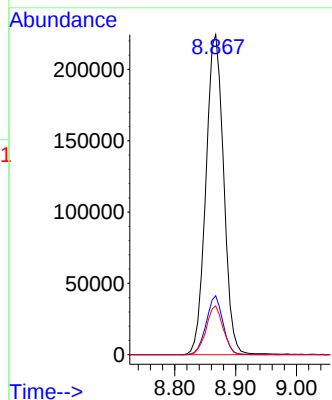
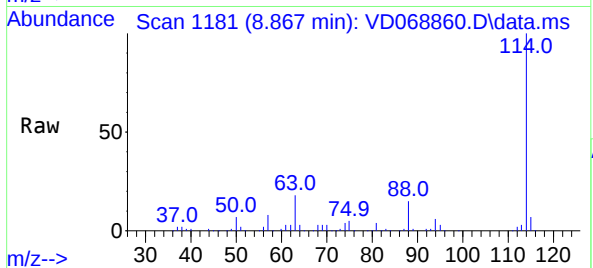




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068860.D
Acq: 15 Apr 2021 17:09

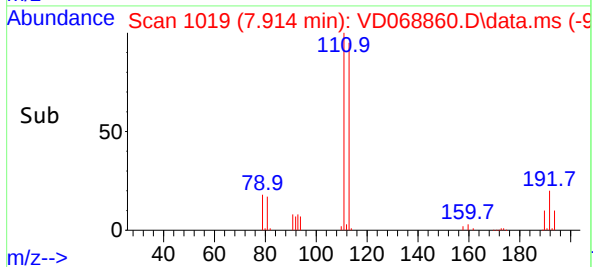
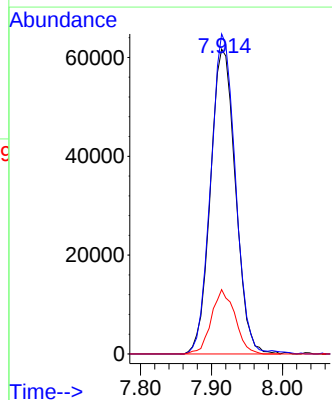
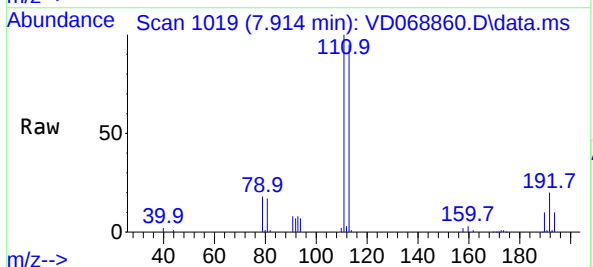
Instrument :
MSVOA_D
ClientSampled :
SB-10-8.5-9.0

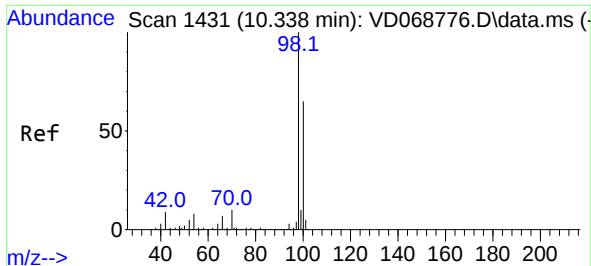
Tgt Ion:114 Resp: 454507
Ion Ratio Lower Upper
114 100
63 18.4 0.0 38.2
88 15.3 0.0 29.4



#35
Dibromofluoromethane
Concen: 51.01 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068860.D
Acq: 15 Apr 2021 17:09

Tgt Ion:113 Resp: 150791
Ion Ratio Lower Upper
113 100
111 103.5 82.5 123.7
192 20.0 15.1 22.7

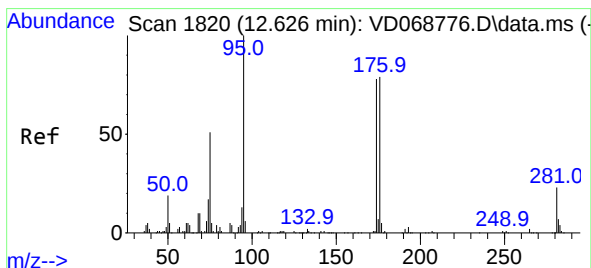
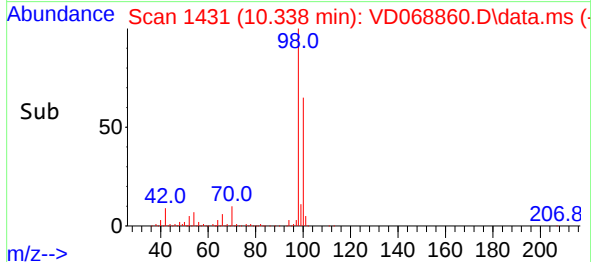
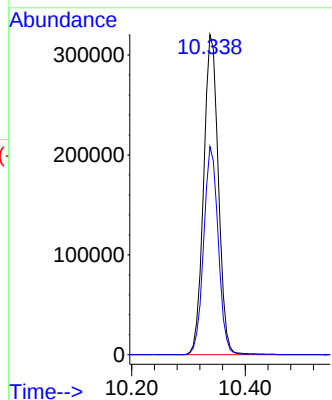
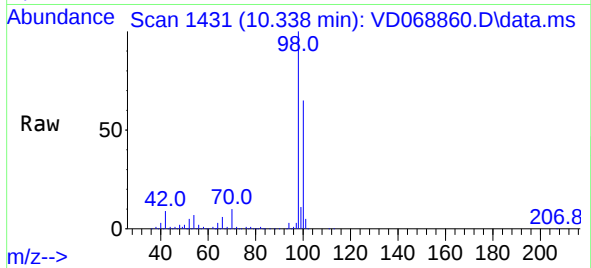




#50
Toluene-d8
Concen: 51.71 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068860.D
Acq: 15 Apr 2021 17:09

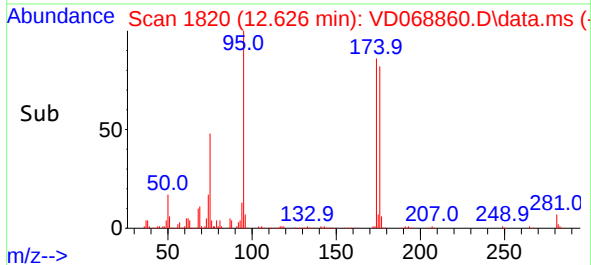
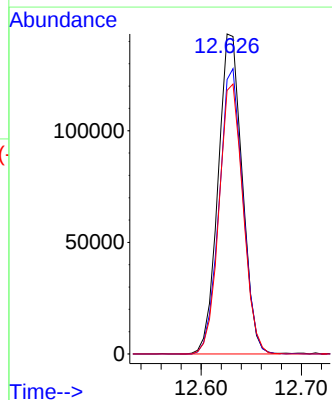
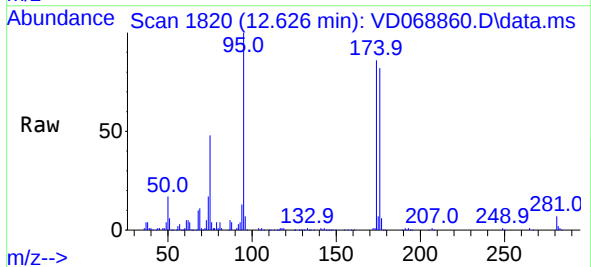
Instrument :
MSVOA_D
ClientSampleId :
SB-10-8.5-9.0

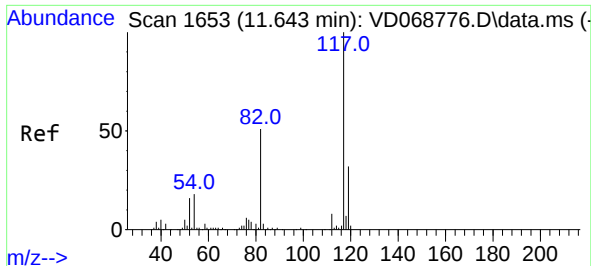
Tgt Ion: 98 Resp: 576666
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 64.70 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD068860.D
Acq: 15 Apr 2021 17:09

Tgt Ion: 95 Resp: 239626
Ion Ratio Lower Upper
95 100
174 87.2 0.0 168.0
176 83.7 0.0 160.2

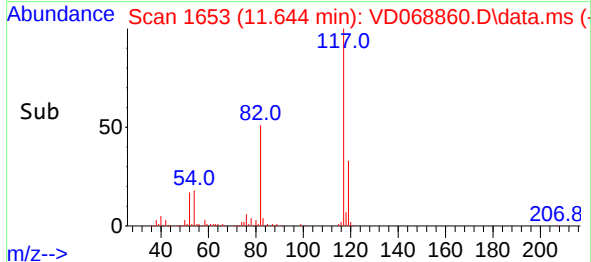
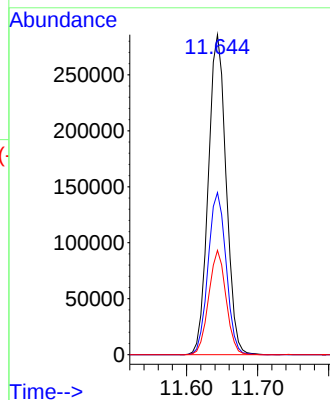
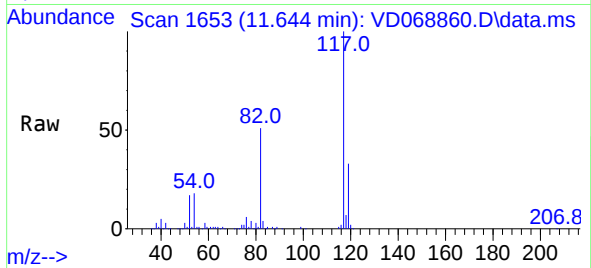




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068860.D
Acq: 15 Apr 2021 17:09

Instrument :
MSVOA_D
ClientSampleId :
SB-10-8.5-9.0

Tgt Ion:117 Resp: 498855
Ion Ratio Lower Upper
117 100
82 50.6 43.5 65.3
119 32.6 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: VD068860.D
Acq: 15 Apr 2021 17:09

Tgt Ion:152 Resp: 273272
Ion Ratio Lower Upper
152 100
115 57.8 29.3 87.8
150 156.0 0.0 347.6

