

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042621\
 Data File : VD068986.D
 Acq On : 26 Apr 2021 14:08
 Operator : VA/SY
 Sample : M2183-03
 Misc : 6.52G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-14-COMP

Quant Time: Apr 27 07:12:39 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	323319	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	548239	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	677204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	369315	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	143661	42.04	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.08%
35) Dibromofluoromethane	7.914	113	174527	48.94	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.88%
50) Toluene-d8	10.338	98	709046	52.71	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.42%
62) 4-Bromofluorobenzene	12.632	95	328767	73.59	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	147.18%#

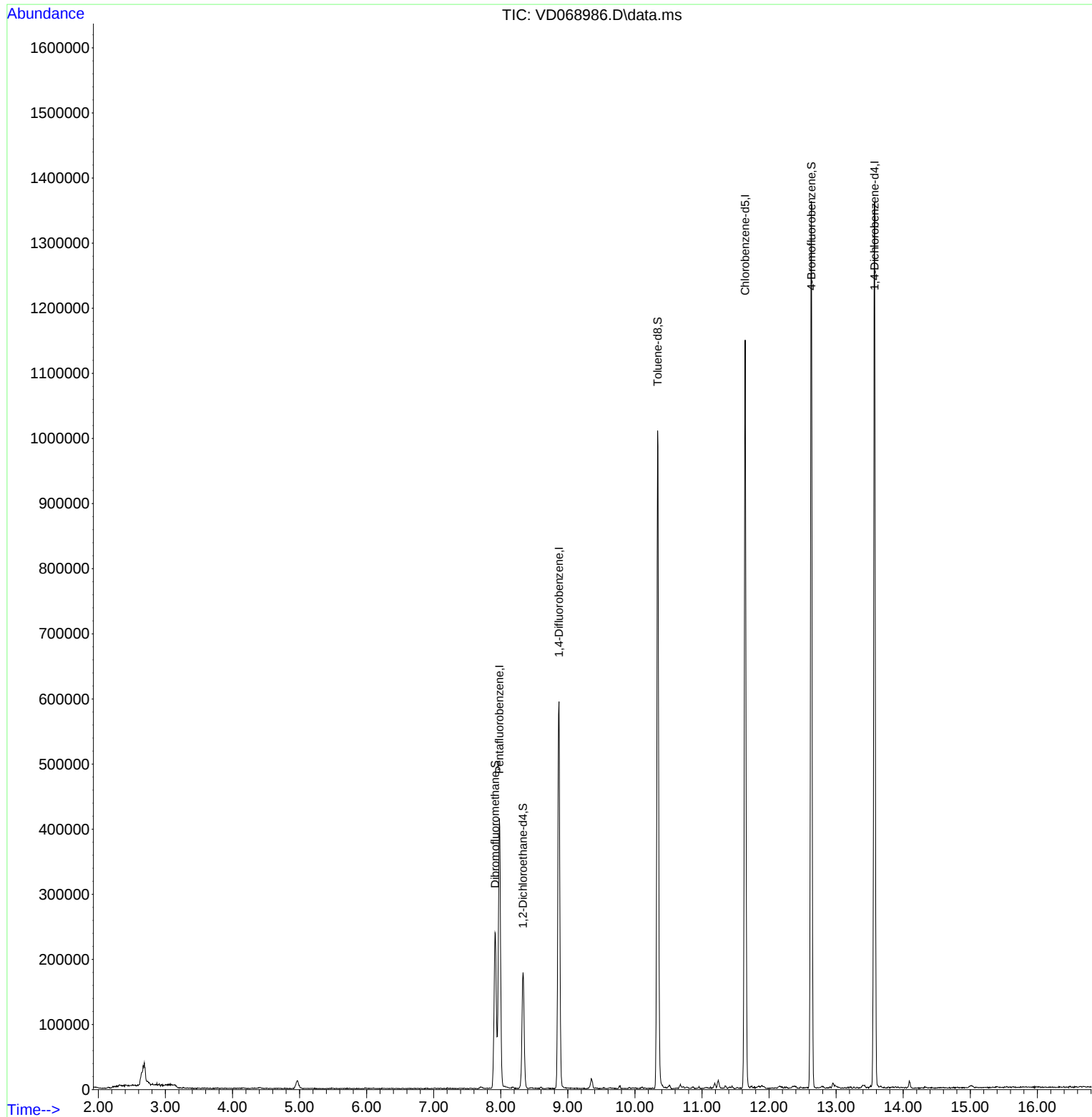
Target Compounds	Qvalue

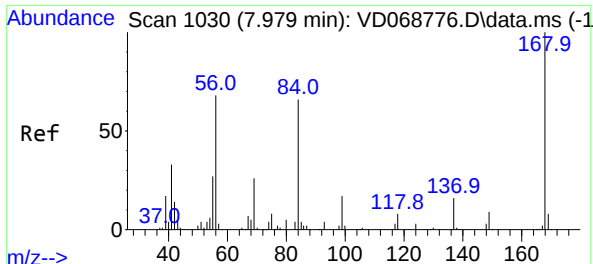
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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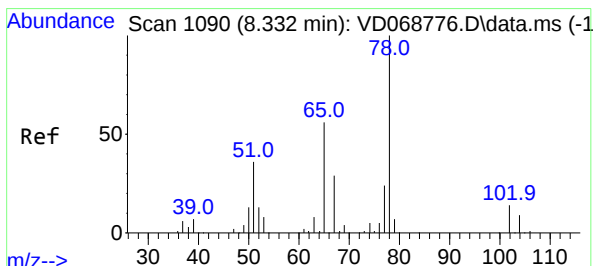
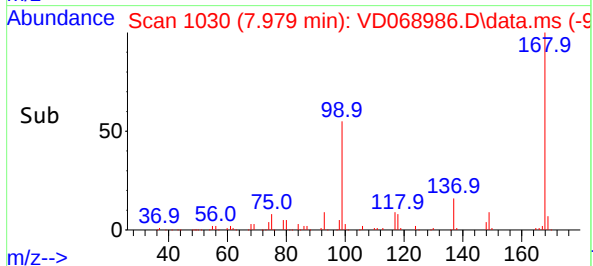
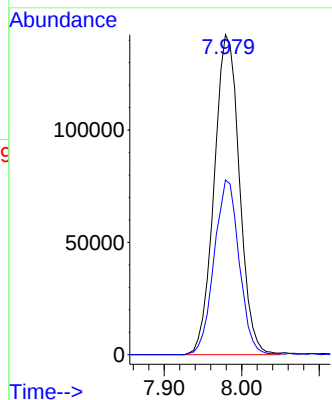
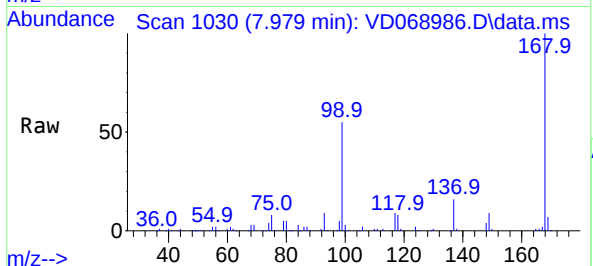




Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068986.D
Acq: 26 Apr 2021 14:08

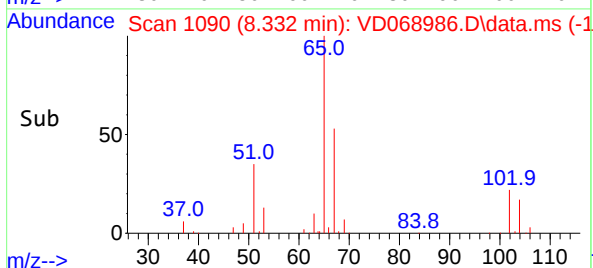
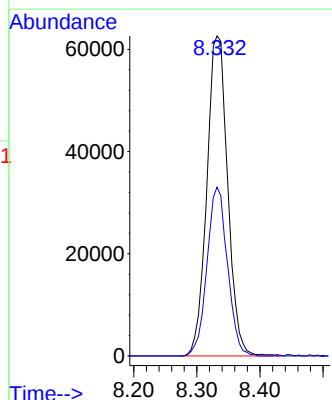
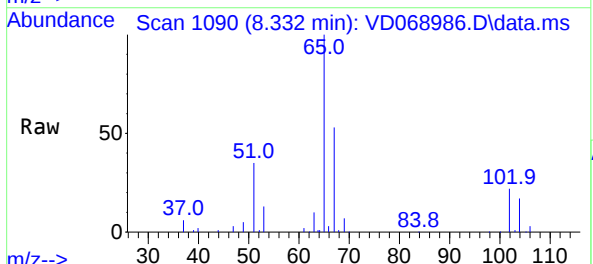
Instrument :
MSVOA_D
ClientSampleId :
TP-14-COMP

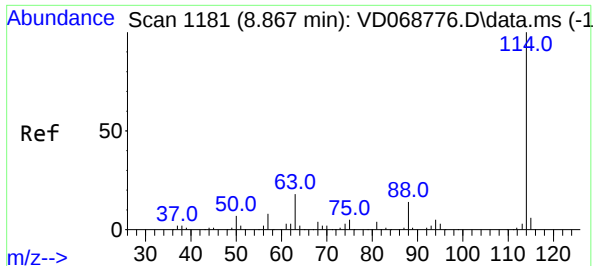
Tgt Ion:168 Resp: 323319
Ion Ratio Lower Upper
168 100
99 54.6 46.2 69.2



1,2-Dichloroethane-d4
Concen: 42.04 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068986.D
Acq: 26 Apr 2021 14:08

Tgt Ion: 65 Resp: 143661
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.0

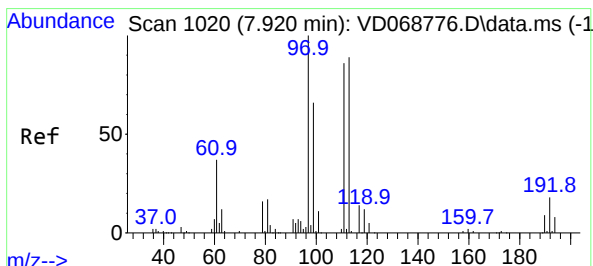
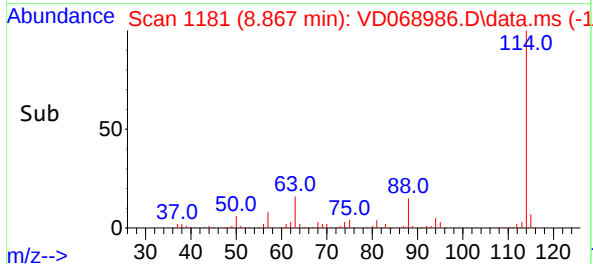
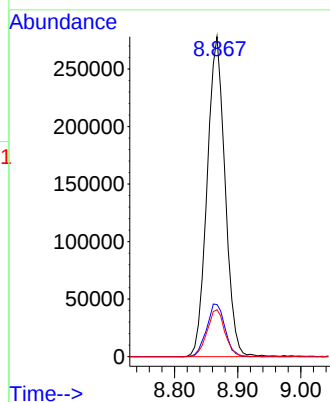
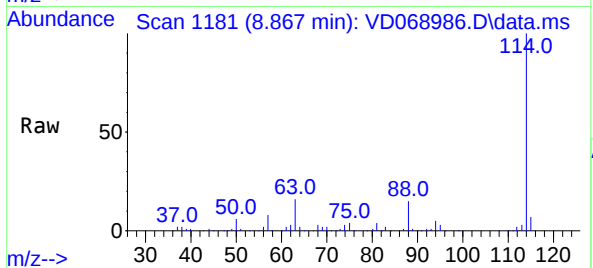




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068986.D
Acq: 26 Apr 2021 14:08

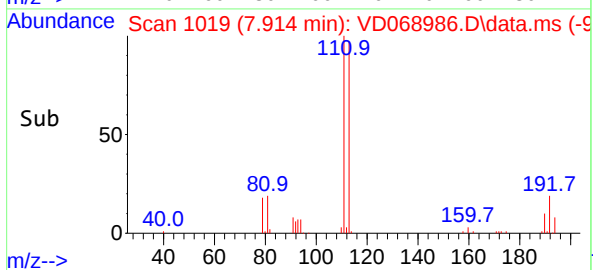
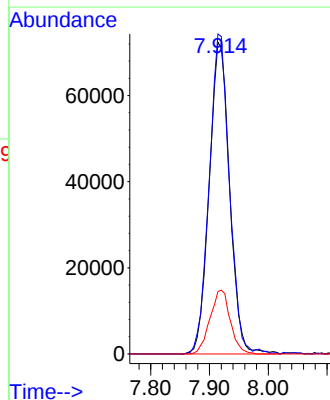
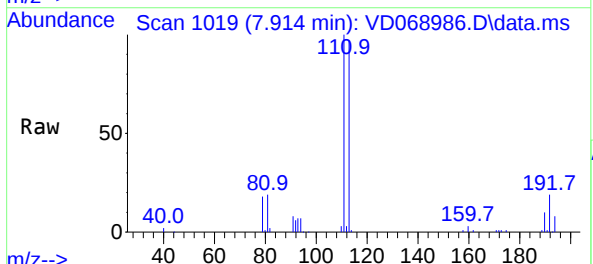
Instrument :
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ClientSampleId :
TP-14-COMP

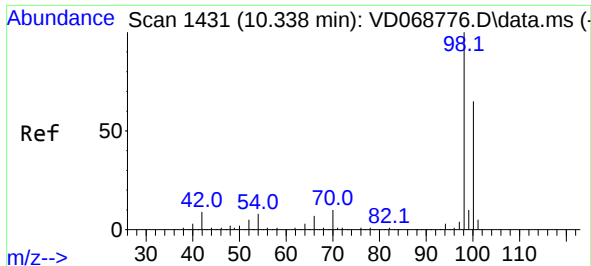
Tgt Ion:114 Resp: 548239
Ion Ratio Lower Upper
114 100
63 16.3 0.0 38.2
88 14.7 0.0 29.4



#35
Dibromofluoromethane
Concen: 48.94 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068986.D
Acq: 26 Apr 2021 14:08

Tgt Ion:113 Resp: 174527
Ion Ratio Lower Upper
113 100
111 101.9 82.5 123.7
192 20.3 15.1 22.7

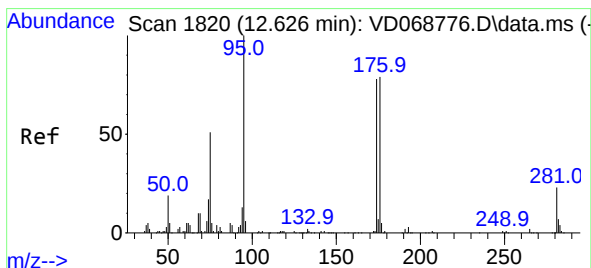
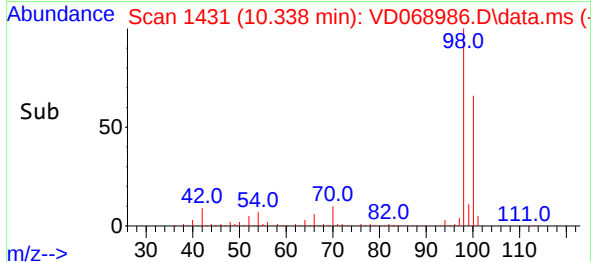
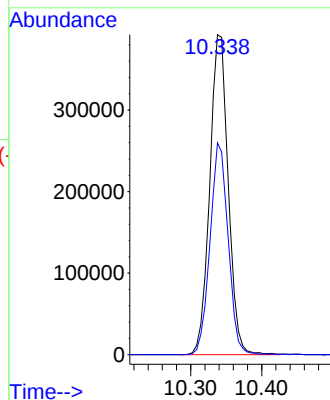
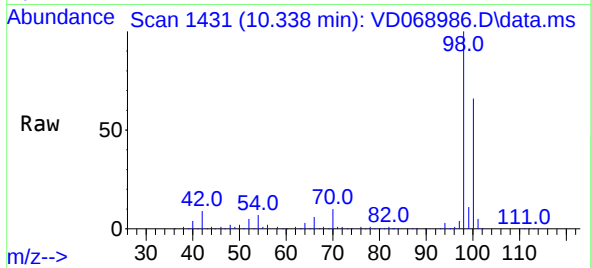




#50
Toluene-d8
Concen: 52.71 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068986.D
Acq: 26 Apr 2021 14:08

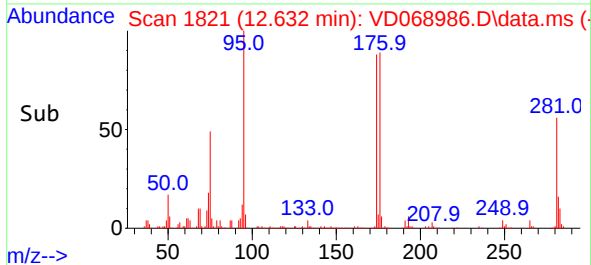
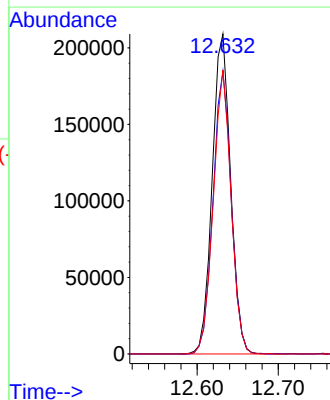
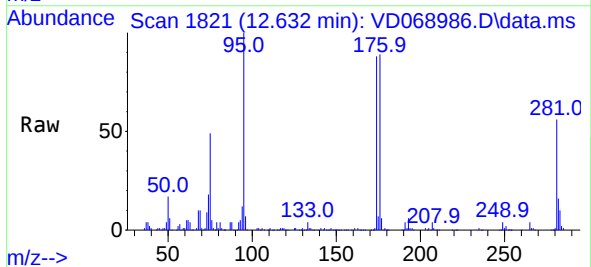
Instrument :
MSVOA_D
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TP-14-COMP

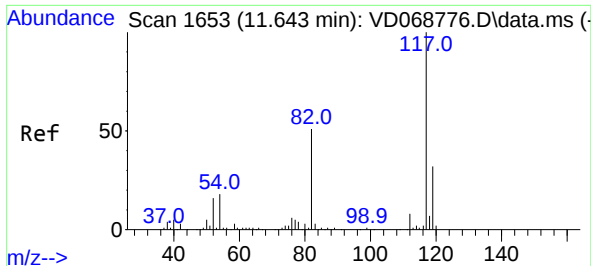
Tgt Ion: 98 Resp: 709046
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 73.59 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068986.D
Acq: 26 Apr 2021 14:08

Tgt Ion: 95 Resp: 328767
Ion Ratio Lower Upper
95 100
174 87.6 0.0 168.0
176 85.9 0.0 160.2

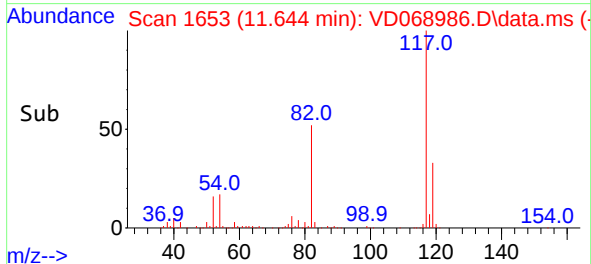
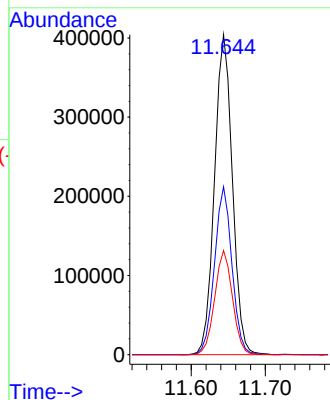
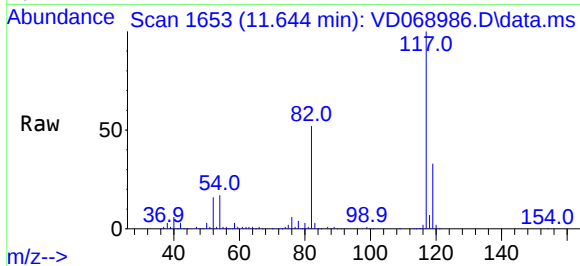




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068986.D
Acq: 26 Apr 2021 14:08

Instrument :
MSVOA_D
ClientSampleId :
TP-14-COMP

Tgt Ion:	117	Resp:	677204
Ion	Ratio	Lower	Upper
117	100		
82	52.5	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: VD068986.D
Acq: 26 Apr 2021 14:08

Tgt Ion:	152	Resp:	369315
Ion	Ratio	Lower	Upper
152	100		
115	57.0	29.3	87.8
150	157.5	0.0	347.6

