

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042621\
 Data File : VD068987.D
 Acq On : 26 Apr 2021 14:36
 Operator : VA/SY
 Sample : M2182-01
 Misc : 6.41G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-13-12-COMP

Quant Time: Apr 27 07:12:47 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	7.985	168	309113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	530634	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	657802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	351190	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	139509	42.70	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.40%
35) Dibromofluoromethane	7.914	113	168540	48.83	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.66%
50) Toluene-d8	10.338	98	687453	52.80	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.60%
62) 4-Bromofluorobenzene	12.632	95	329493	76.20	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	152.40%#

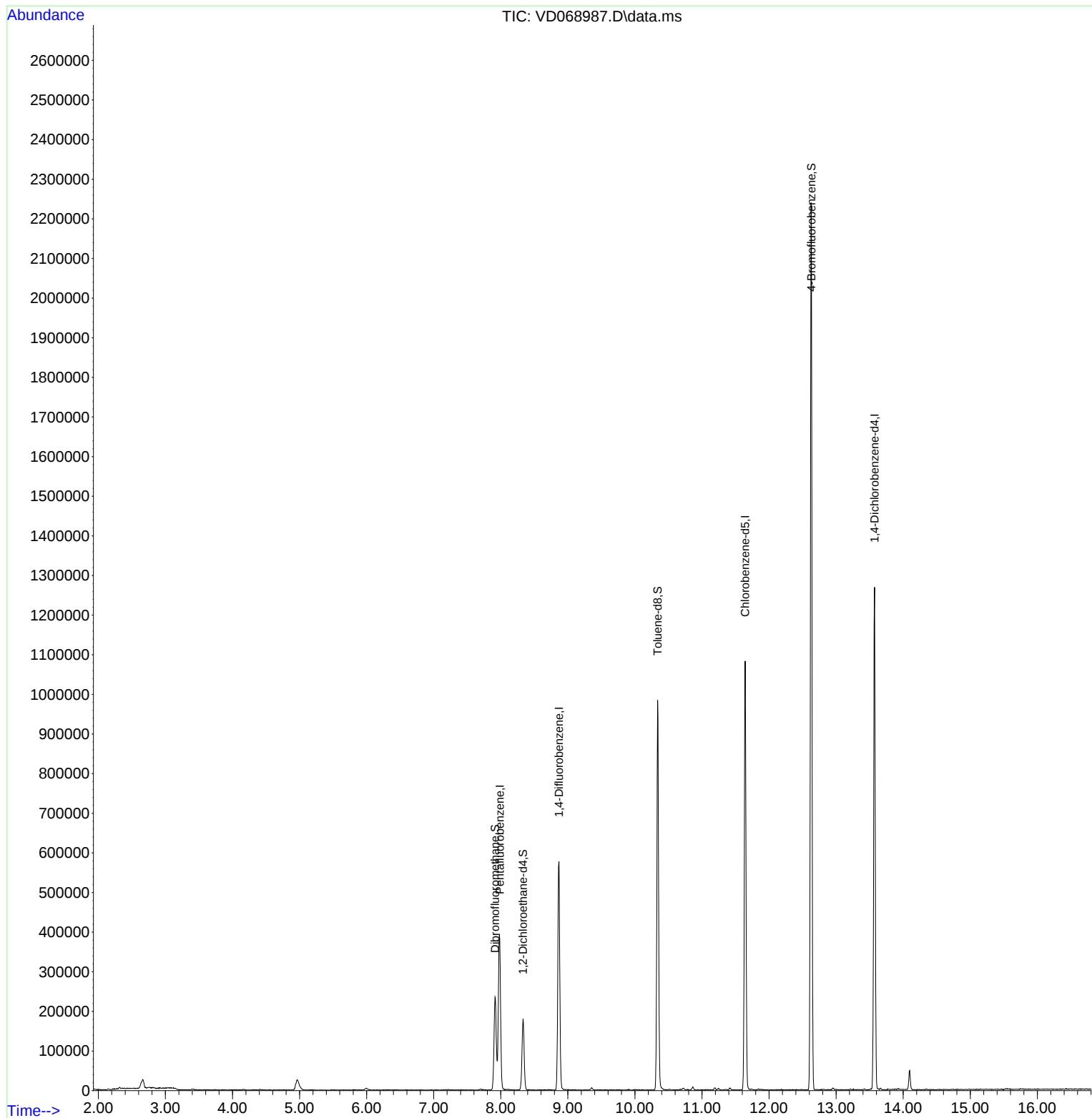
Target Compounds	Qvalue
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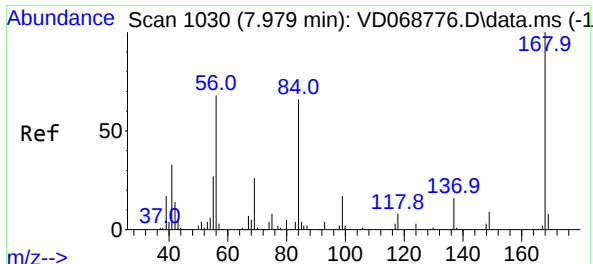
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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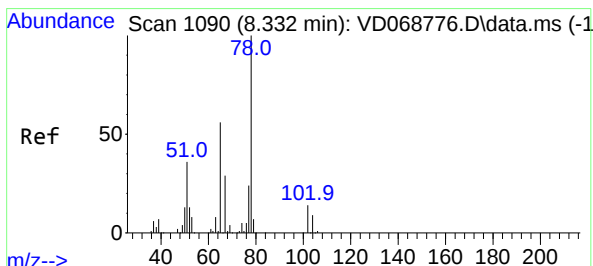
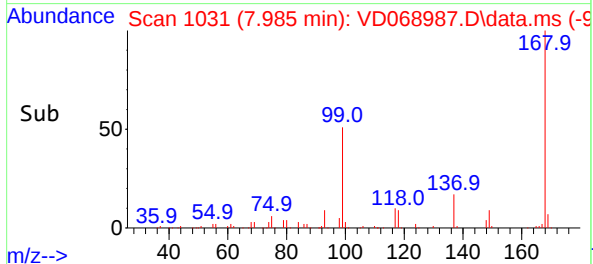
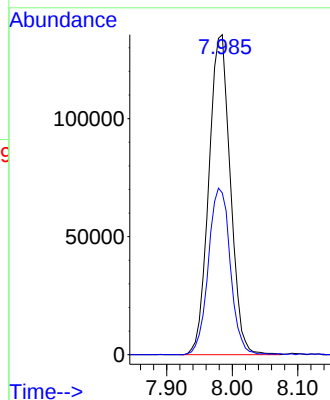
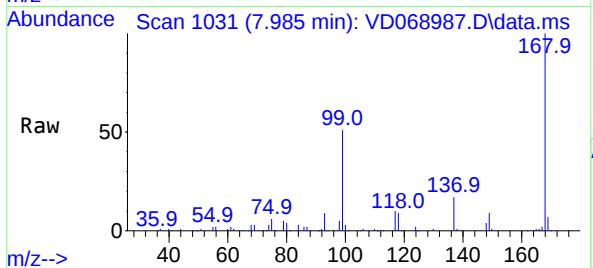




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068987.D
Acq: 26 Apr 2021 14:36

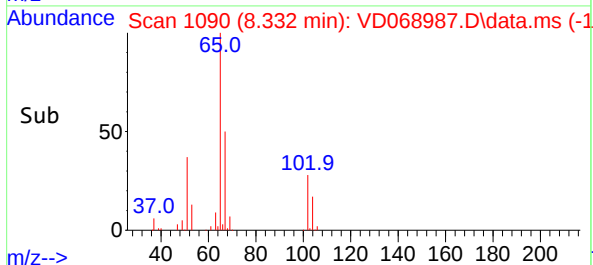
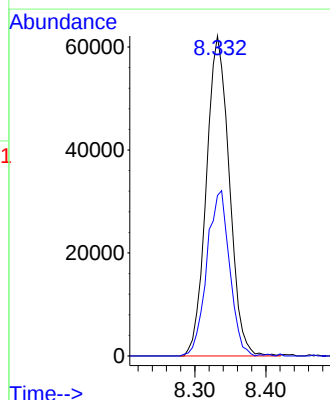
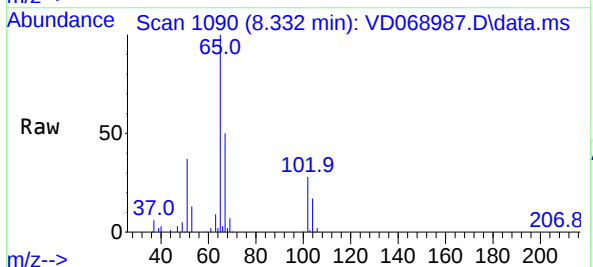
Instrument :
MSVOA_D
ClientSampleId :
TP-13-12-COMP

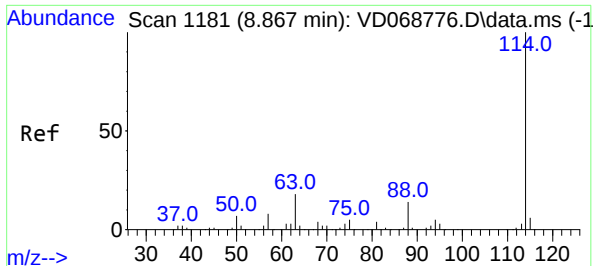
Tgt Ion:168 Resp: 309113
Ion Ratio Lower Upper
168 100
99 50.6 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 42.70 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068987.D
Acq: 26 Apr 2021 14:36

Tgt Ion: 65 Resp: 139509
Ion Ratio Lower Upper
65 100
67 51.2 0.0 106.0



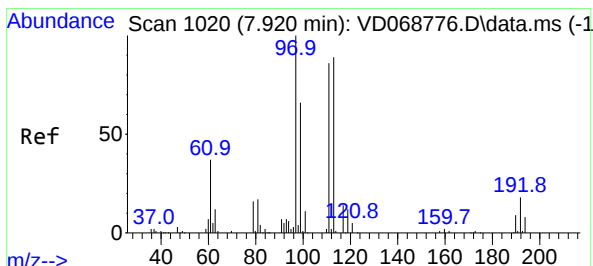
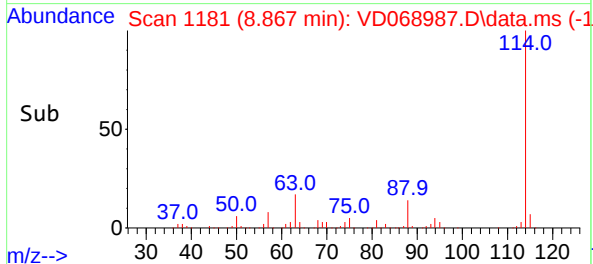
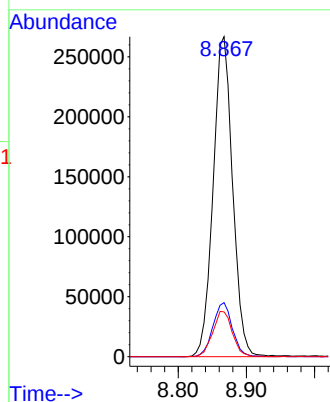
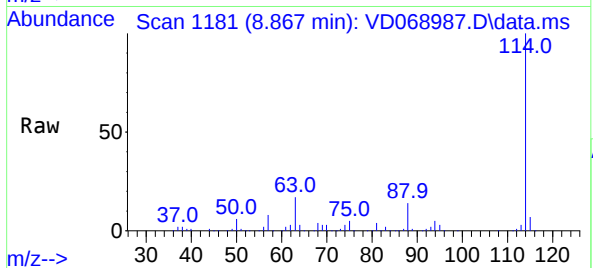


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068987.D
Acq: 26 Apr 2021 14:36

Instrument :
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TP-13-12-COMP

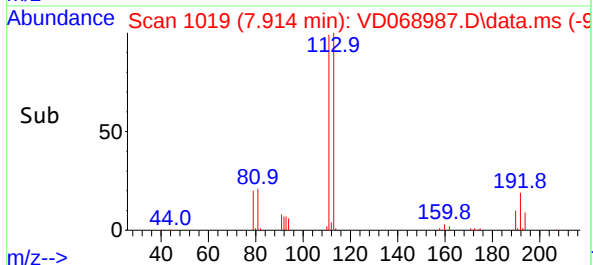
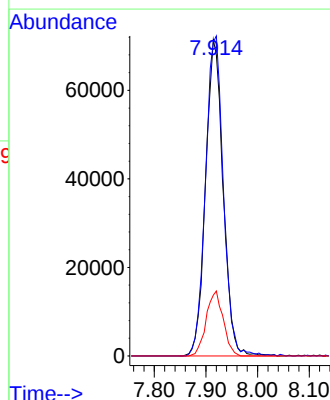
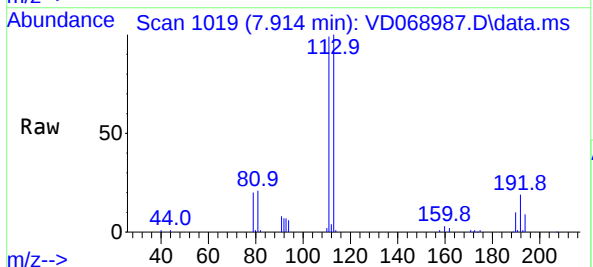
Tgt Ion:114 Resp: 530634
Ion Ratio Lower Upper
114 100
63 16.9 0.0 38.2
88 14.0 0.0 29.4

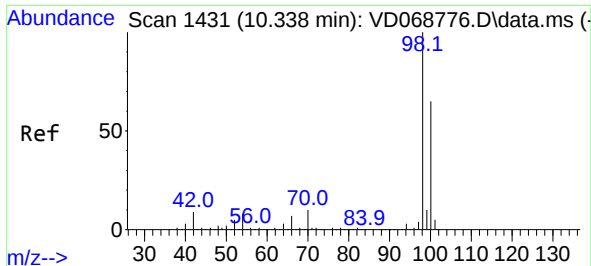


#35

Dibromofluoromethane
Concen: 48.83 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068987.D
Acq: 26 Apr 2021 14:36

Tgt Ion:113 Resp: 168540
Ion Ratio Lower Upper
113 100
111 102.7 82.5 123.7
192 19.9 15.1 22.7

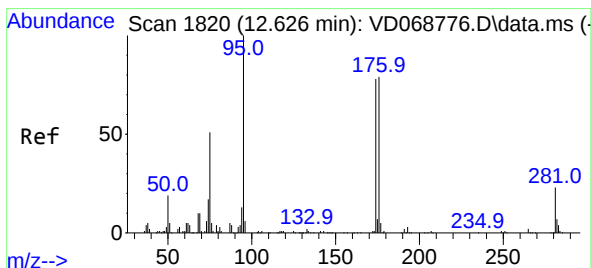
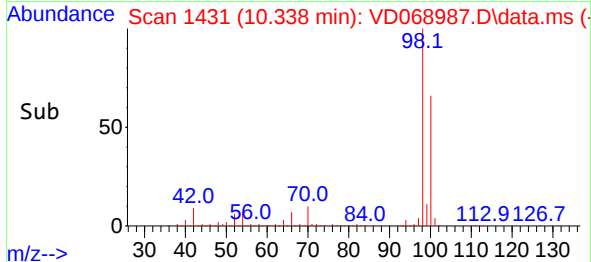
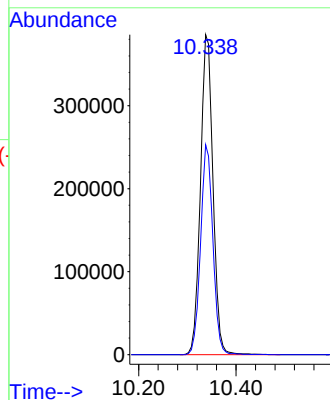
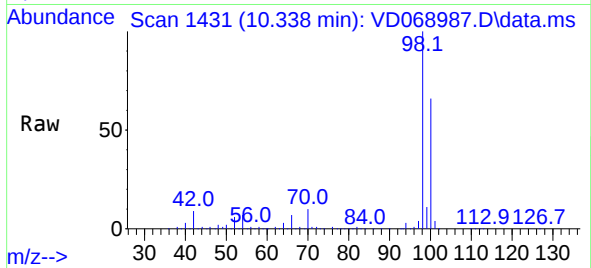




#50
Toluene-d8
Concen: 52.80 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068987.D
Acq: 26 Apr 2021 14:36

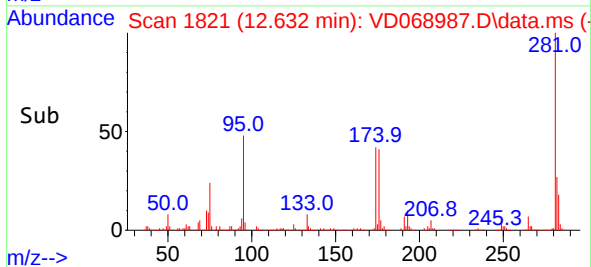
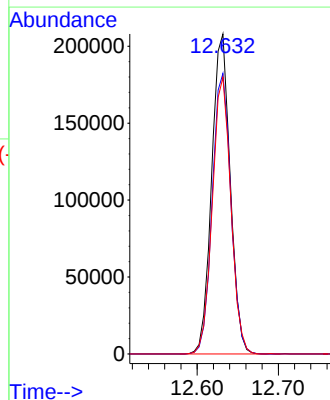
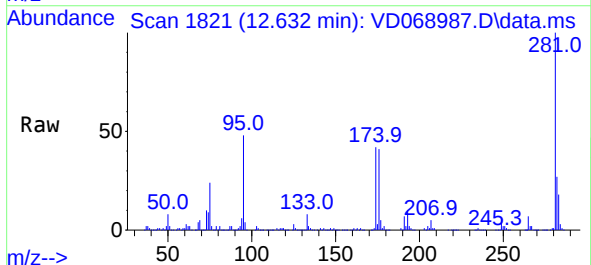
Instrument :
MSVOA_D
ClientSampleId :
TP-13-12-COMP

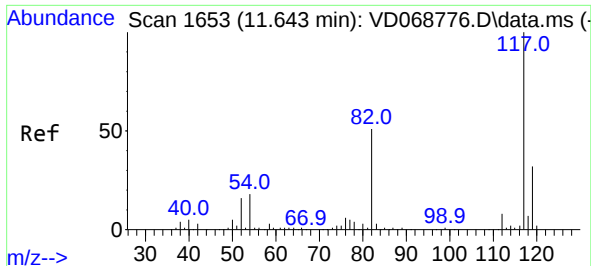
Tgt Ion: 98 Resp: 687453
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 76.20 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068987.D
Acq: 26 Apr 2021 14:36

Tgt Ion: 95 Resp: 329493
Ion Ratio Lower Upper
95 100
174 88.1 0.0 168.0
176 86.3 0.0 160.2

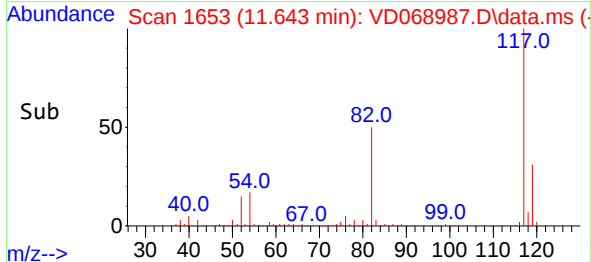
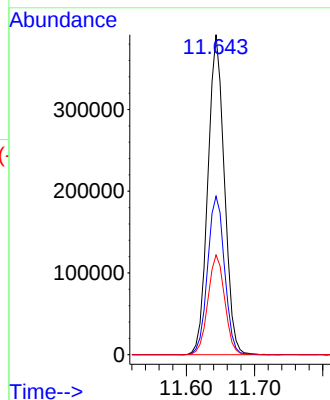
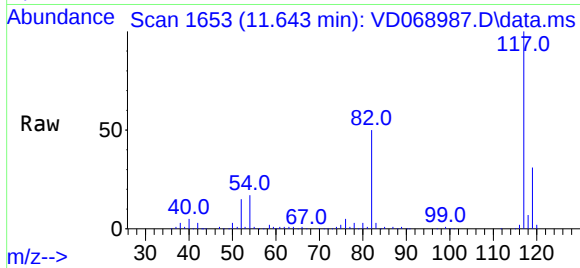




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068987.D
Acq: 26 Apr 2021 14:36

Instrument :
MSVOA_D
ClientSampleId :
TP-13-12-COMP

Tgt Ion:117 Resp: 657802
Ion Ratio Lower Upper
117 100
82 49.5 43.5 65.3
119 31.2 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: VD068987.D
Acq: 26 Apr 2021 14:36

Tgt Ion:152 Resp: 351190
Ion Ratio Lower Upper
152 100
115 56.6 29.3 87.8
150 157.1 0.0 347.6

