

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042321\
 Data File : VD068972.D
 Acq On : 23 Apr 2021 17:25
 Operator : VA/SY
 Sample : M2148-01
 Misc : 4.73G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-18-17-COMP

Quant Time: Apr 26 09:51:41 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	297636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	508185	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	608335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	320216	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	131021	41.65	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.30%
35) Dibromofluoromethane	7.920	113	159926	48.38	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.76%
50) Toluene-d8	10.338	98	652542	52.33	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.66%
62) 4-Bromofluorobenzene	12.632	95	273515	66.04	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	132.08%

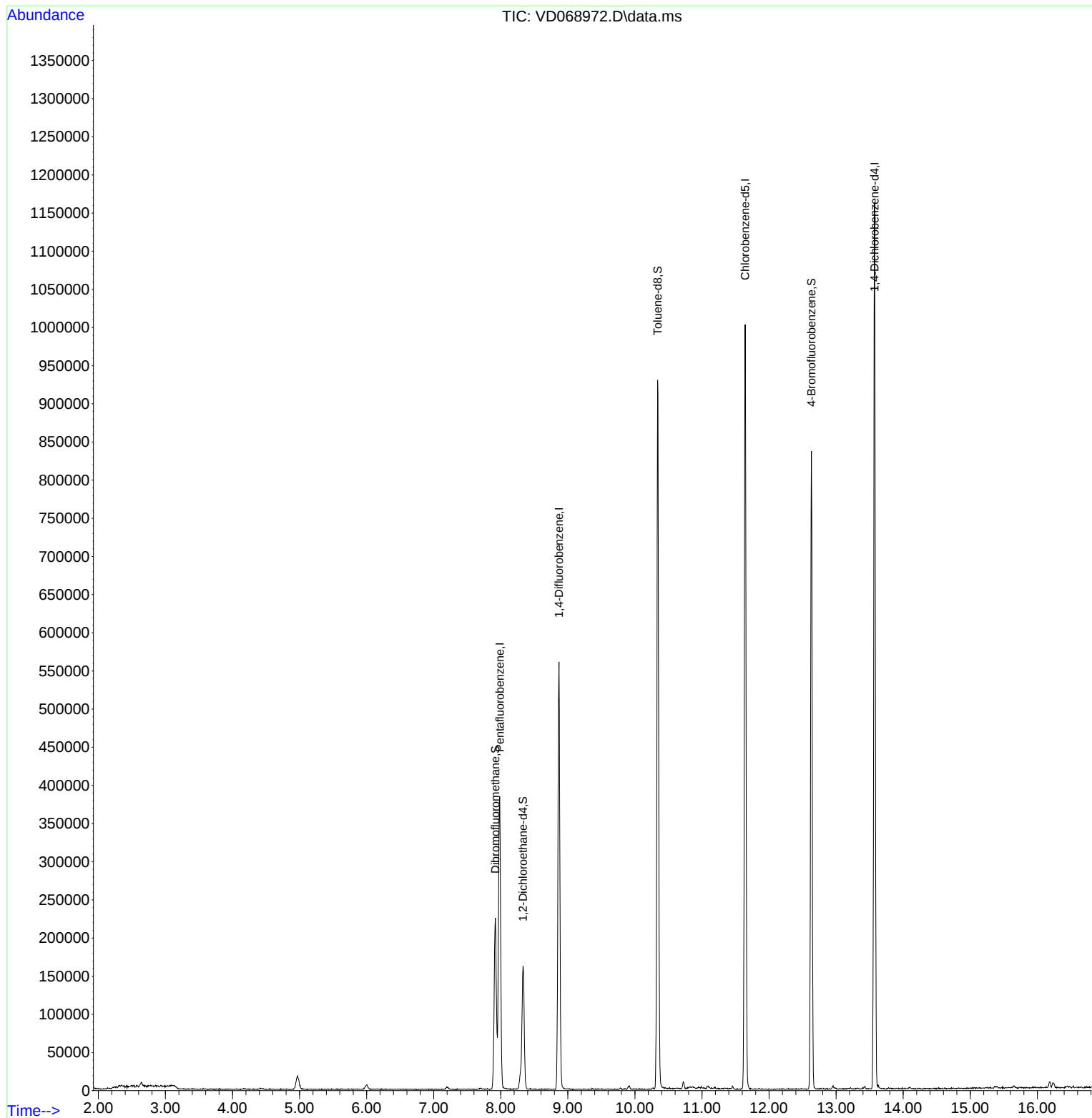
Target Compounds	Qvalue

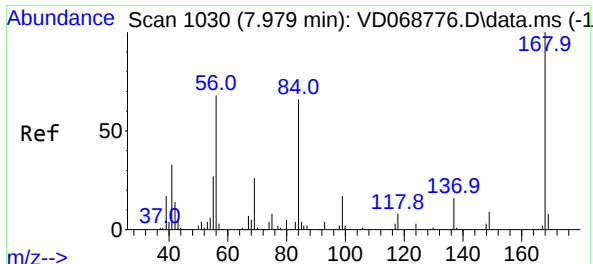
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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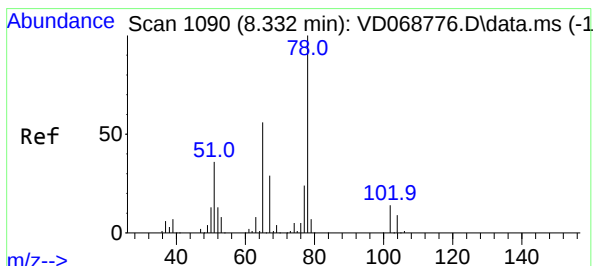
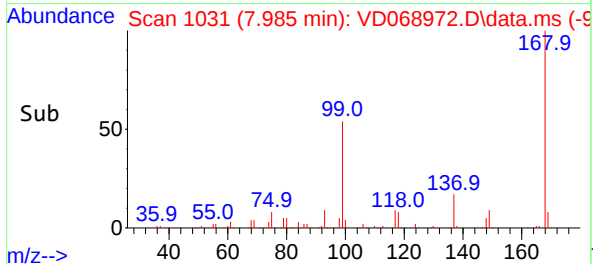
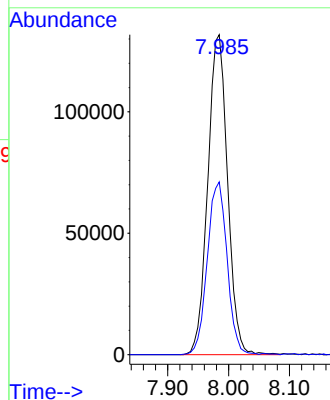
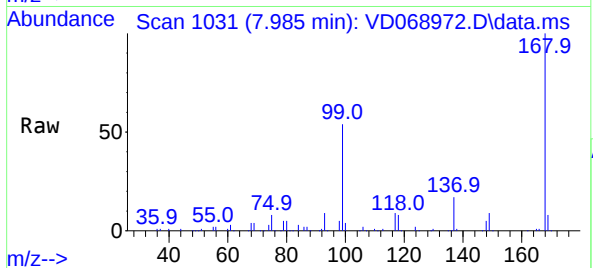




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068972.D
Acq: 23 Apr 2021 17:25

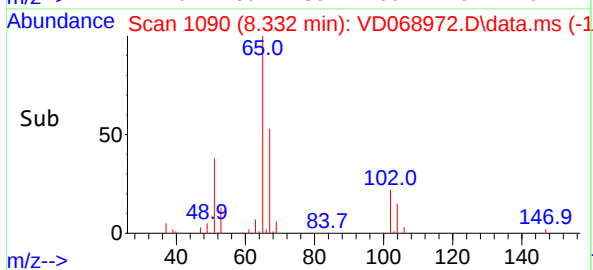
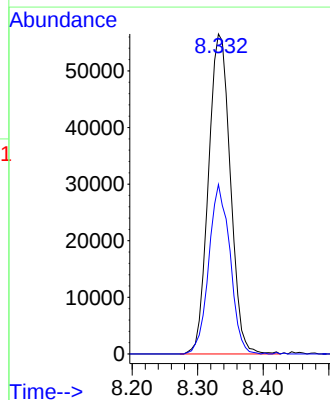
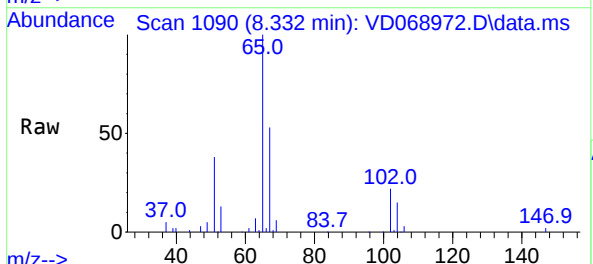
Instrument :
MSVOA_D
ClientSampleId :
TP-18-17-COMP

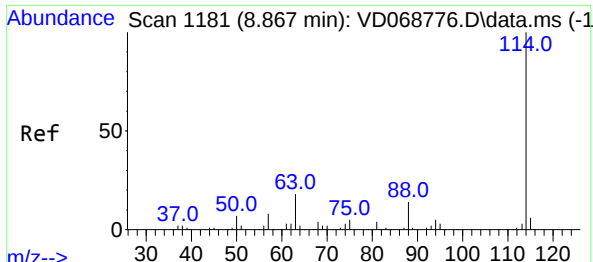
Tgt Ion:168 Resp: 297636
Ion Ratio Lower Upper
168 100
99 54.0 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 41.65 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068972.D
Acq: 23 Apr 2021 17:25

Tgt Ion: 65 Resp: 131021
Ion Ratio Lower Upper
65 100
67 51.4 0.0 106.0

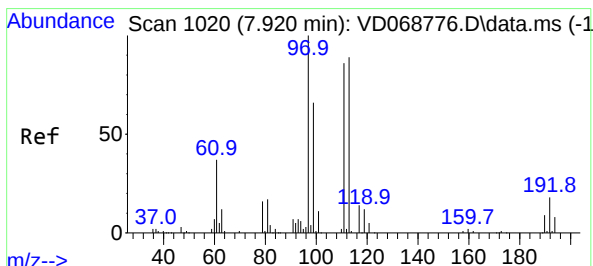
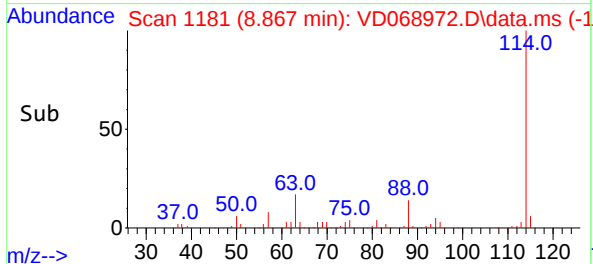
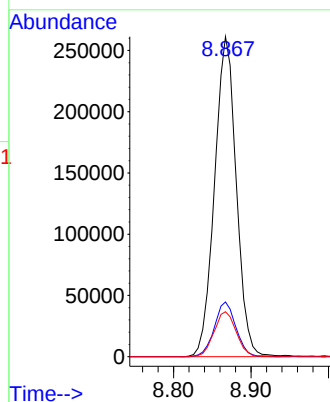
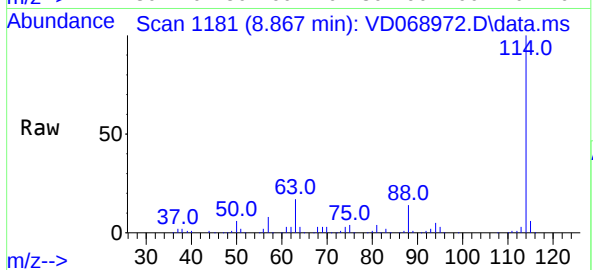




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068972.D
Acq: 23 Apr 2021 17:25

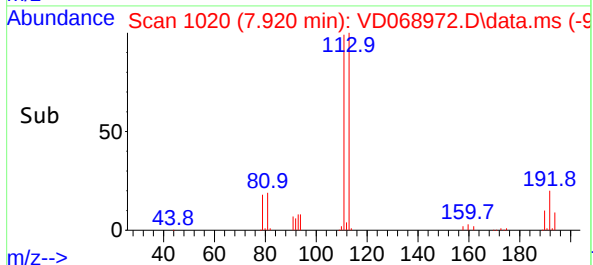
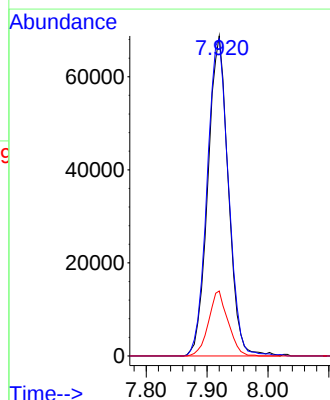
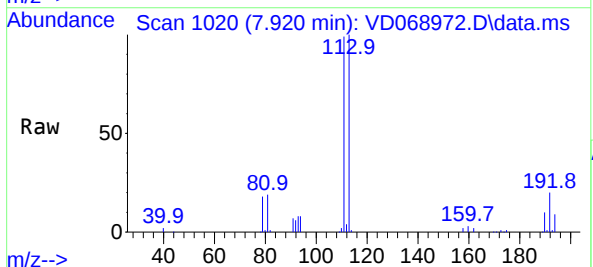
Instrument :
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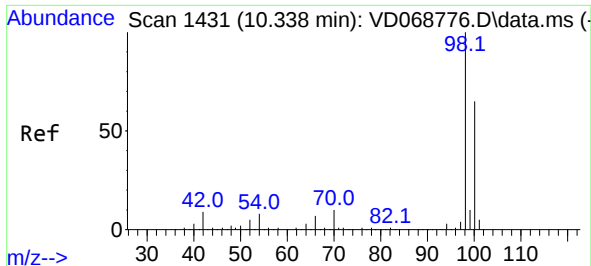
Tgt Ion:114 Resp: 508185
Ion Ratio Lower Upper
114 100
63 17.1 0.0 38.2
88 14.0 0.0 29.4



#35
Dibromofluoromethane
Concen: 48.38 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068972.D
Acq: 23 Apr 2021 17:25

Tgt Ion:113 Resp: 159926
Ion Ratio Lower Upper
113 100
111 103.3 82.5 123.7
192 19.4 15.1 22.7

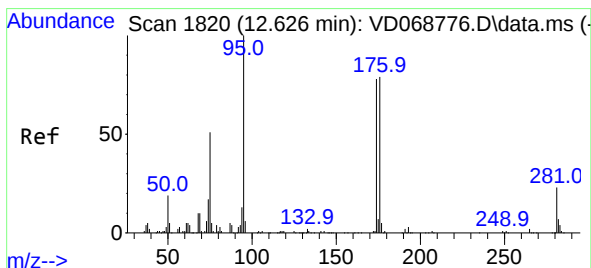
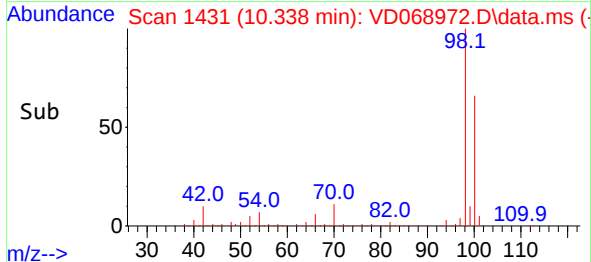
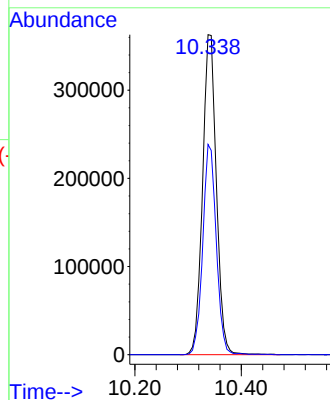
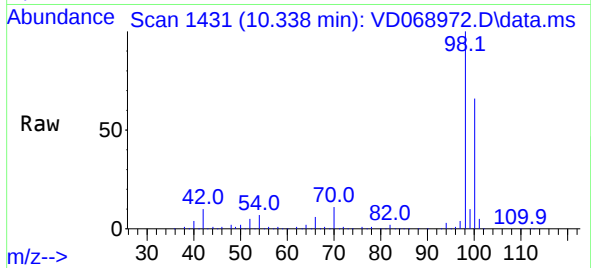




#50
Toluene-d8
Concen: 52.33 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068972.D
Acq: 23 Apr 2021 17:25

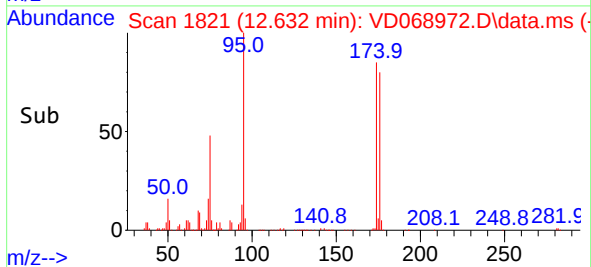
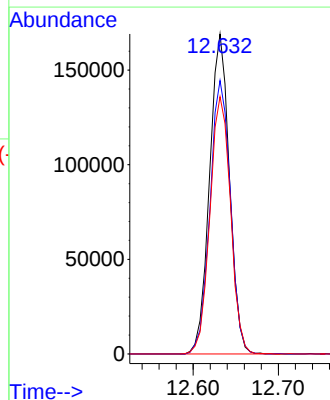
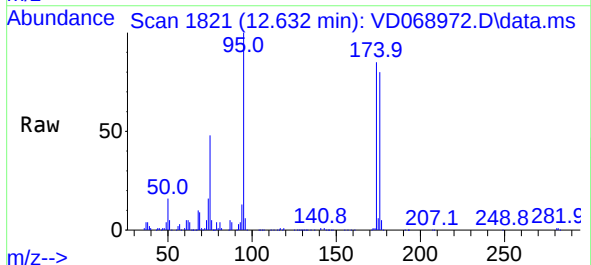
Instrument :
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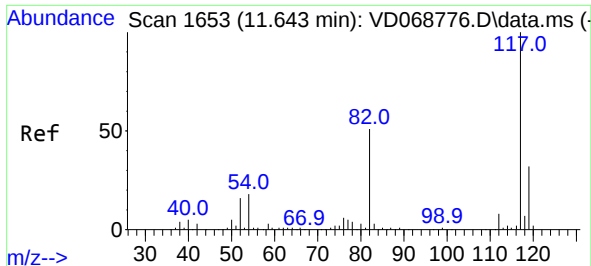
Tgt Ion: 98 Resp: 652542
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 66.04 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068972.D
Acq: 23 Apr 2021 17:25

Tgt Ion: 95 Resp: 273515
Ion Ratio Lower Upper
95 100
174 88.1 0.0 168.0
176 83.2 0.0 160.2

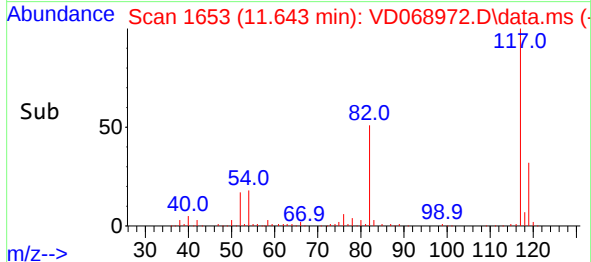
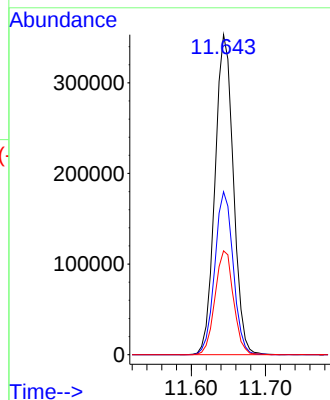
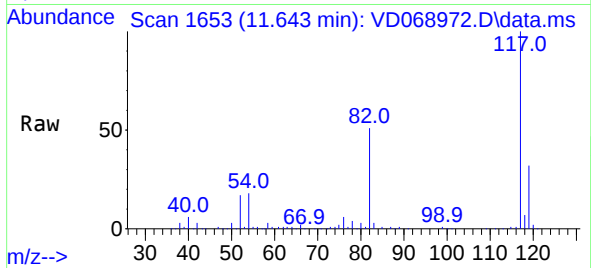




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068972.D
Acq: 23 Apr 2021 17:25

Instrument :
MSVOA_D
ClientSampleId :
TP-18-17-COMP

Tgt Ion:117 Resp: 608335
Ion Ratio Lower Upper
117 100
82 50.9 43.5 65.3
119 32.4 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: VD068972.D
Acq: 23 Apr 2021 17:25

Tgt Ion:152 Resp: 320216
Ion Ratio Lower Upper
152 100
115 56.6 29.3 87.8
150 156.6 0.0 347.6

