

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031121\
 Data File : VD068580.D
 Acq On : 11 Mar 2021 11:56
 Operator : VA/SY
 Sample : VD0311SBL02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0311SBL02

Quant Time: Mar 12 00:09:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.985	168	340175	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	613064	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	596358	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	272873	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	173925	51.17	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.34%
35) Dibromofluoromethane	7.920	113	188464	51.03	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.06%
50) Toluene-d8	10.344	98	777125	52.83	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.66%
62) 4-Bromofluorobenzene	12.632	95	253762	53.53	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.06%

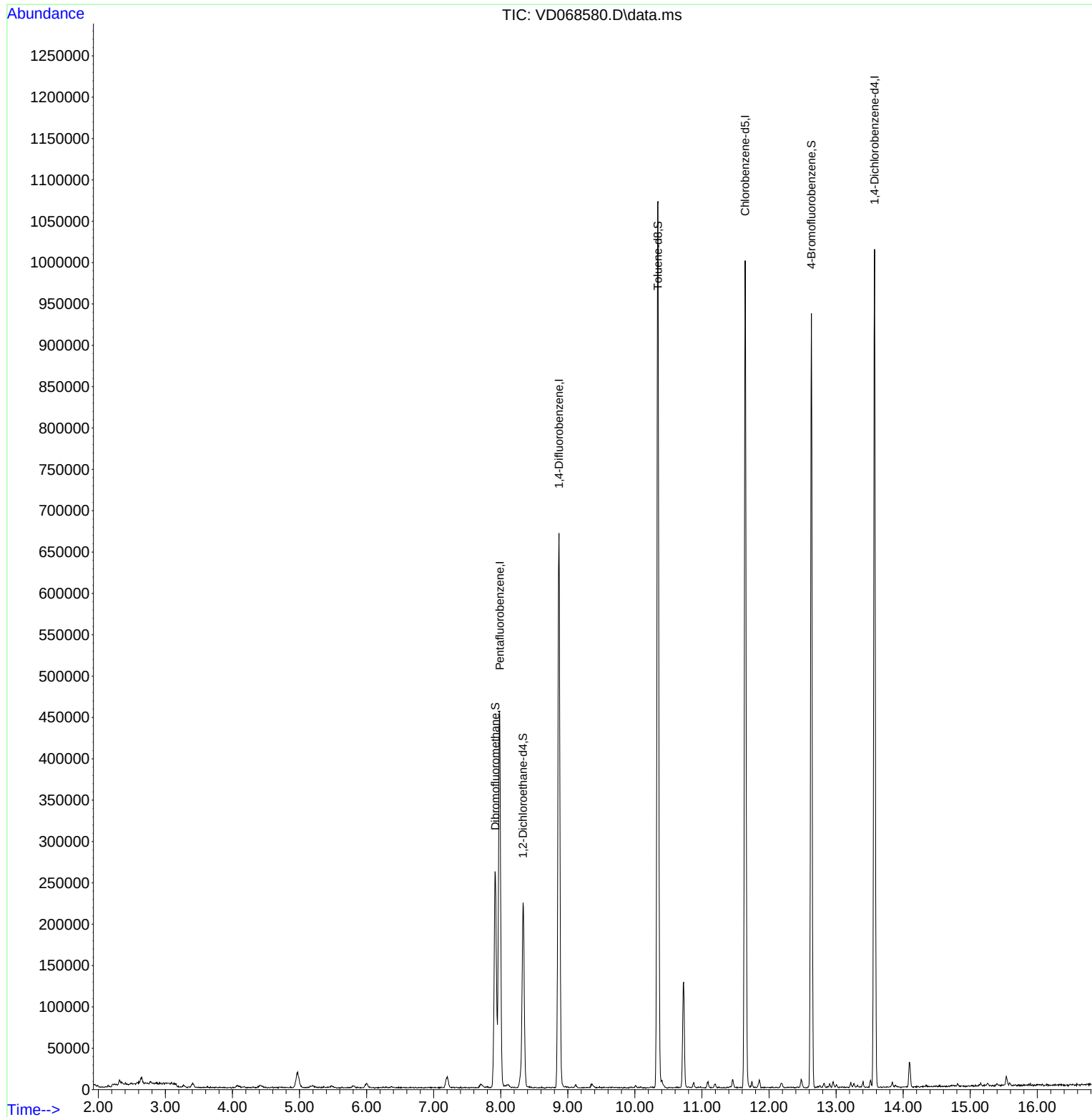
Target Compounds	Qvalue

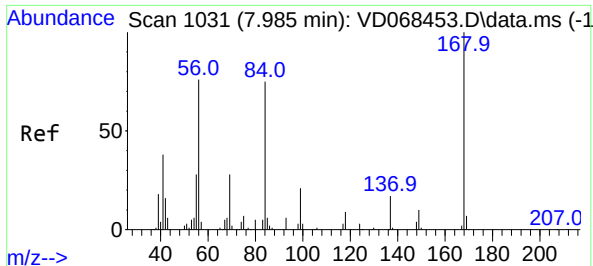
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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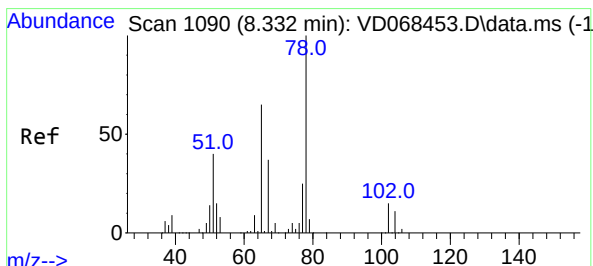
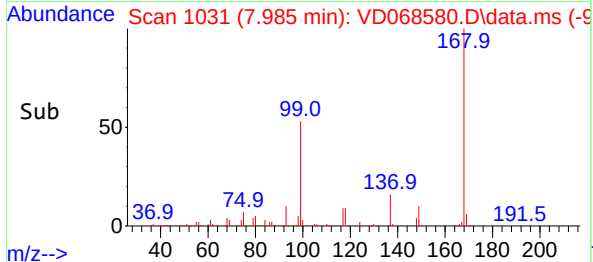
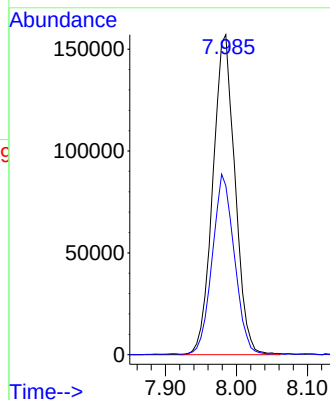
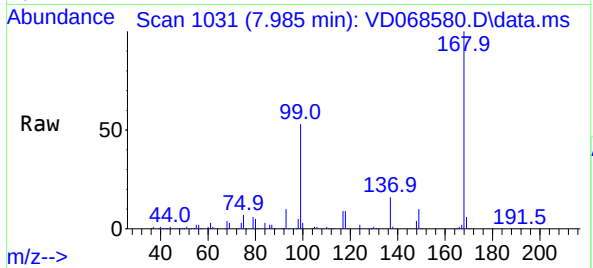




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068580.D
Acq: 11 Mar 2021 11:56

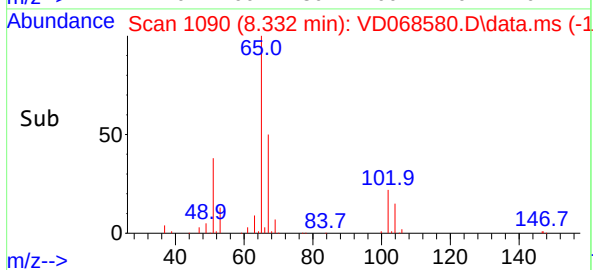
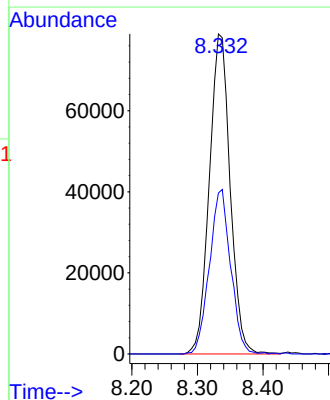
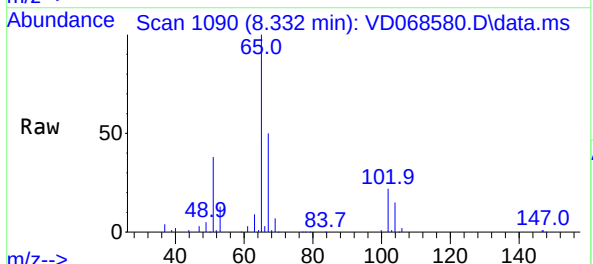
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBL02

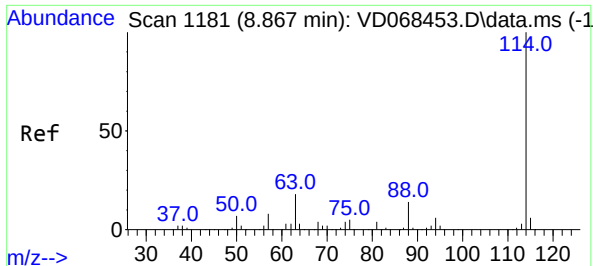
Tgt Ion:168 Resp: 340175
Ion Ratio Lower Upper
168 100
99 52.7 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 51.17 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068580.D
Acq: 11 Mar 2021 11:56

Tgt Ion: 65 Resp: 173925
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.0

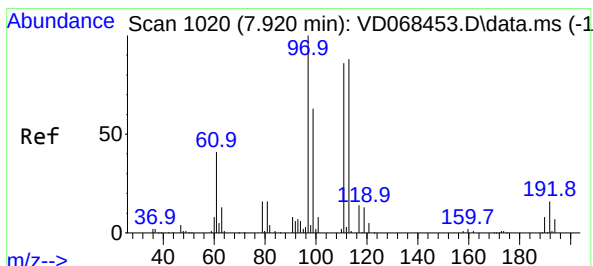
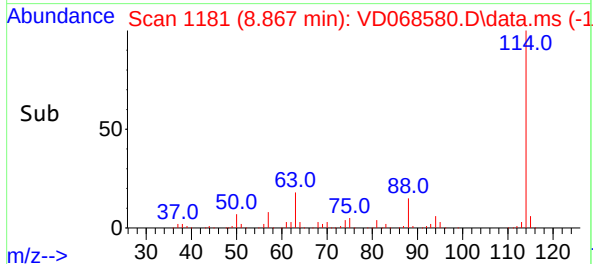
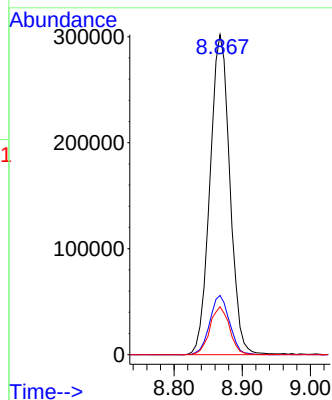
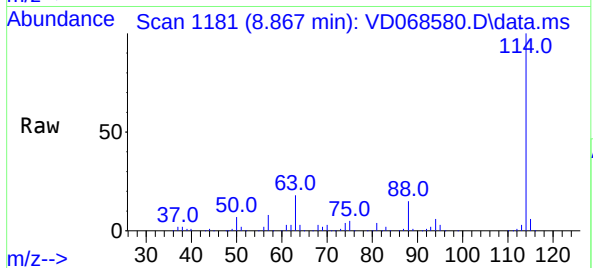




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068580.D
Acq: 11 Mar 2021 11:56

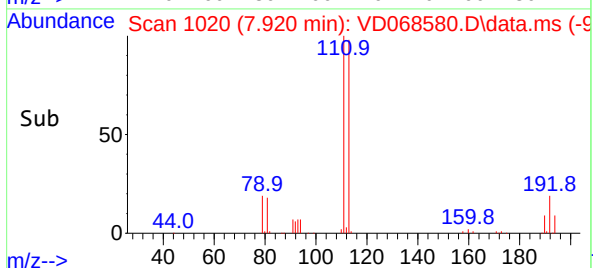
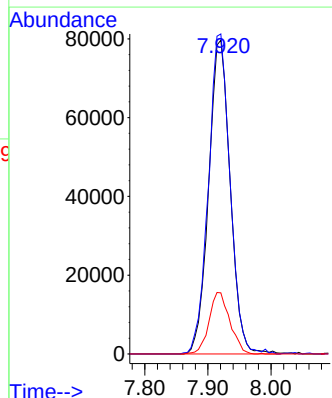
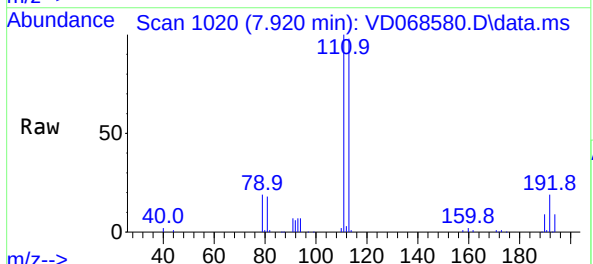
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBL02

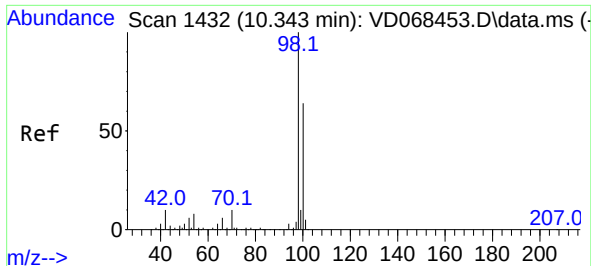
Tgt Ion:114 Resp: 613064
Ion Ratio Lower Upper
114 100
63 18.5 0.0 34.8
88 14.9 0.0 31.6



#35
Dibromofluoromethane
Concen: 51.03 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068580.D
Acq: 11 Mar 2021 11:56

Tgt Ion:113 Resp: 188464
Ion Ratio Lower Upper
113 100
111 102.5 81.4 122.0
192 19.0 16.1 24.1

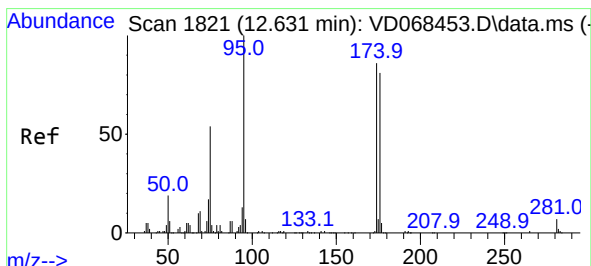
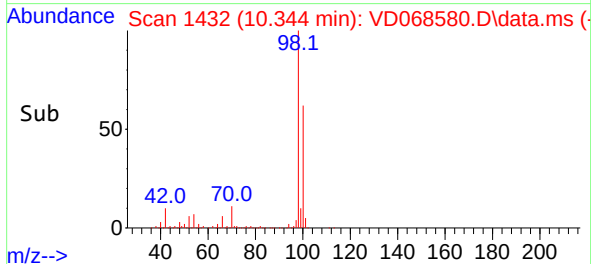
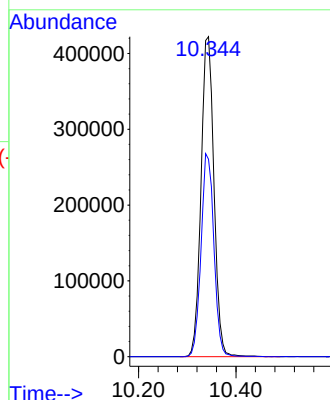
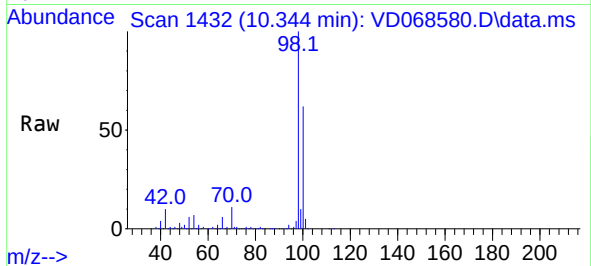




#50
Toluene-d8
Concen: 52.83 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068580.D
Acq: 11 Mar 2021 11:56

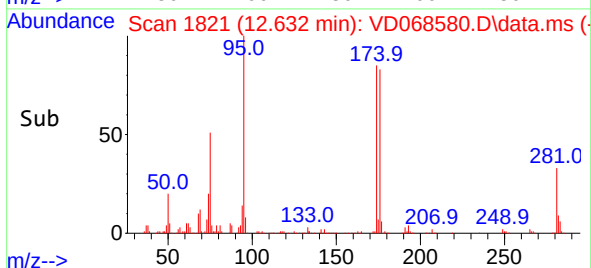
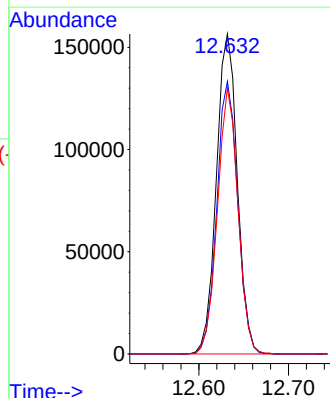
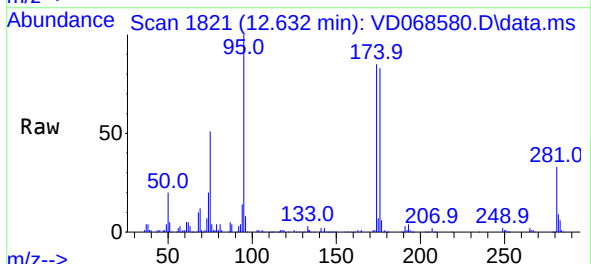
Instrument :
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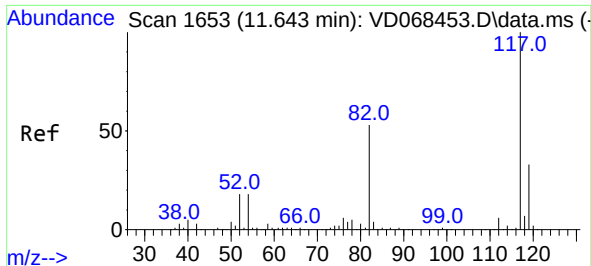
Tgt Ion: 98 Resp: 777125
Ion Ratio Lower Upper
98 100
100 63.2 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 53.53 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068580.D
Acq: 11 Mar 2021 11:56

Tgt Ion: 95 Resp: 253762
Ion Ratio Lower Upper
95 100
174 85.2 0.0 172.4
176 81.3 0.0 168.4

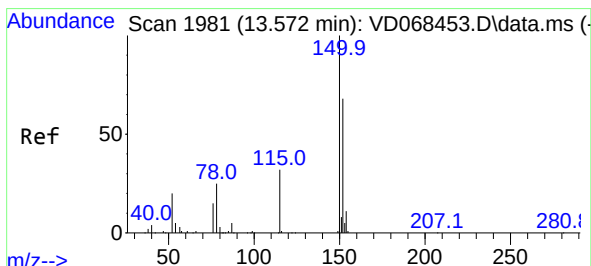
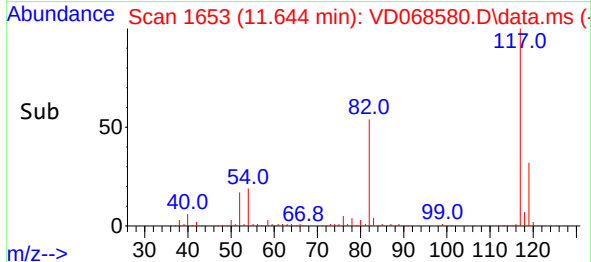
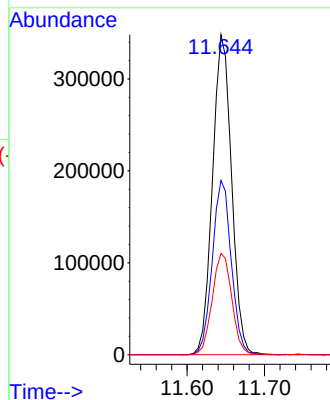
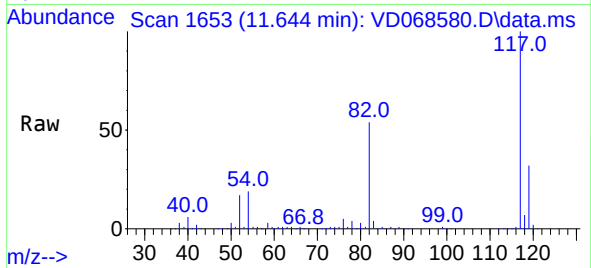




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068580.D
Acq: 11 Mar 2021 11:56

Instrument :
MSVOA_D
ClientSampleId :
VD0311SBL02

Tgt Ion:117 Resp: 596358
Ion Ratio Lower Upper
117 100
82 54.5 41.4 62.0
119 31.6 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068580.D
Acq: 11 Mar 2021 11:56

Tgt Ion:152 Resp: 272873
Ion Ratio Lower Upper
152 100
115 58.0 28.9 86.8
150 158.9 0.0 344.4

