

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031121\
 Data File : VD068588.D
 Acq On : 11 Mar 2021 16:37
 Operator : VA/SY
 Sample : M1613-02
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-1A

Quant Time: Mar 12 00:13:21 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	310225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	564612	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	543745	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	288585	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	160269	51.71	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.42%
35) Dibromofluoromethane	7.914	113	169290	49.77	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.54%
50) Toluene-d8	10.344	98	706644	52.16	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.32%
62) 4-Bromofluorobenzene	12.632	95	239216	54.79	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.58%

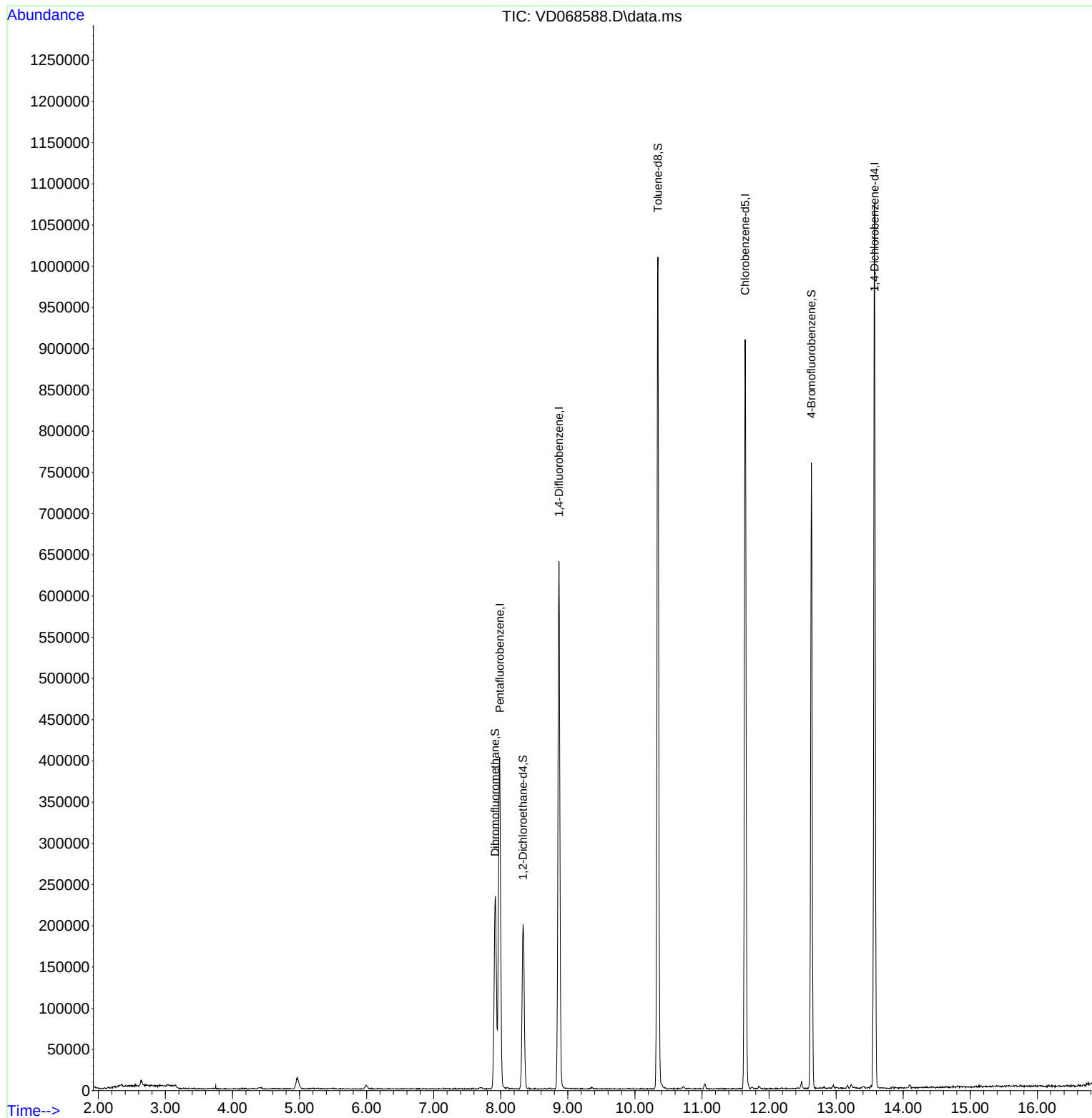
Target Compounds	Qvalue

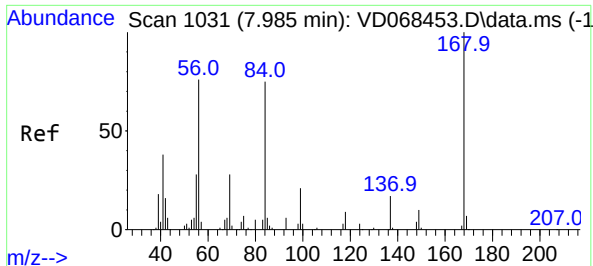
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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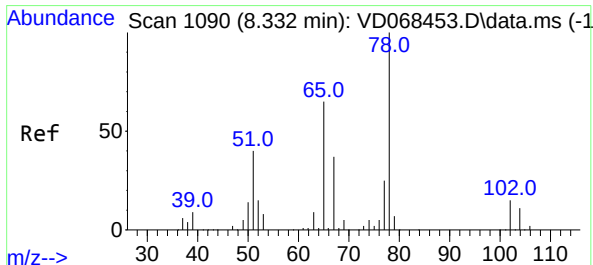
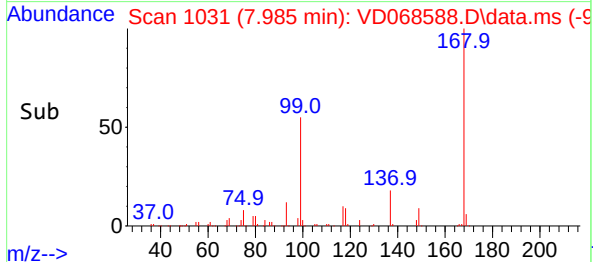
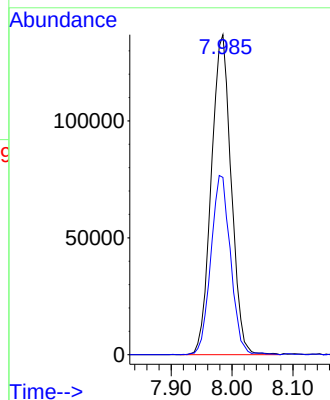
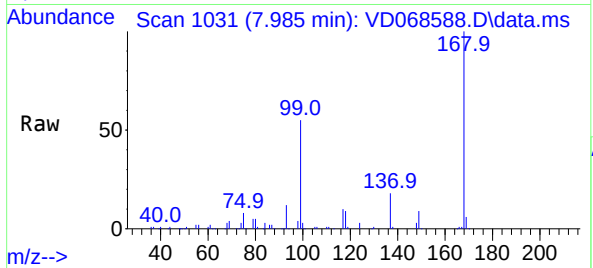




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068588.D
Acq: 11 Mar 2021 16:37

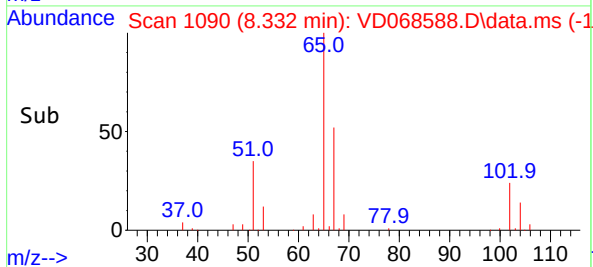
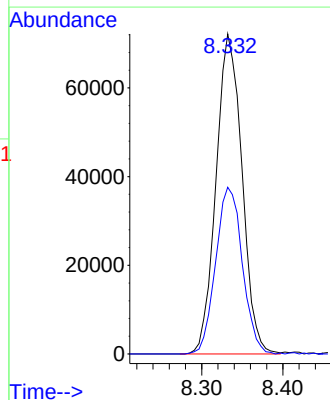
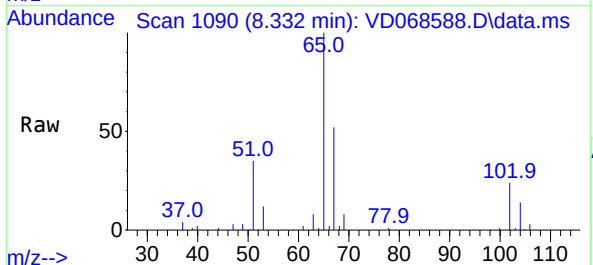
Instrument :
MSVOA_D
ClientSampled :
S-1A

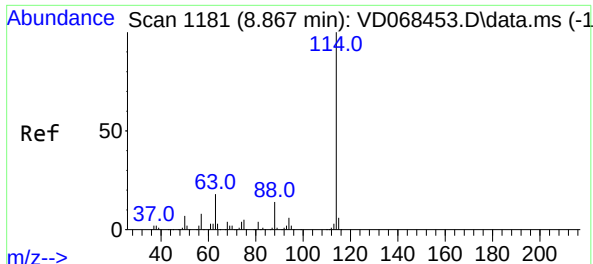
Tgt Ion:168 Resp: 310225
Ion Ratio Lower Upper
168 100
99 55.4 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 51.71 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068588.D
Acq: 11 Mar 2021 16:37

Tgt Ion: 65 Resp: 160269
Ion Ratio Lower Upper
65 100
67 53.6 0.0 105.0



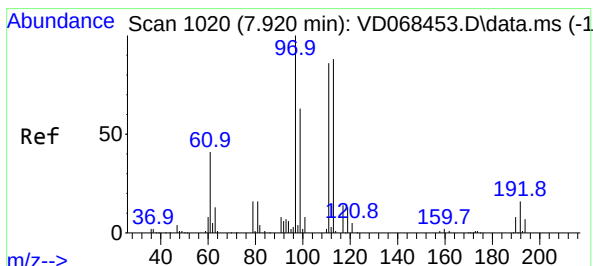
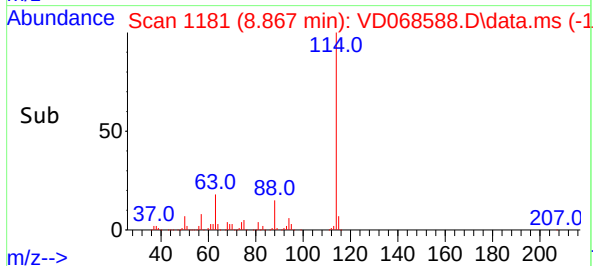
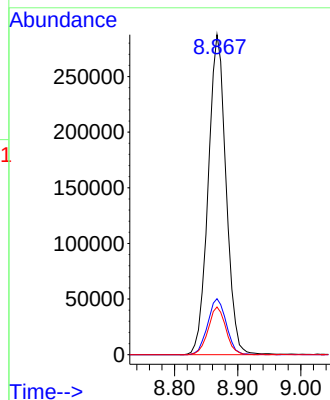
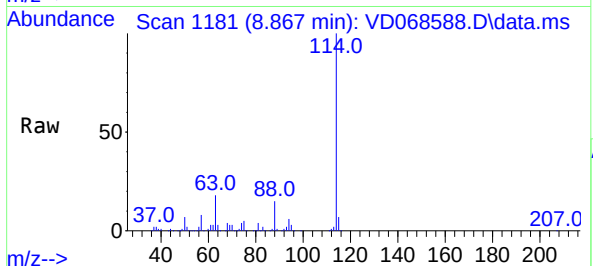


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068588.D
Acq: 11 Mar 2021 16:37

Instrument :
MSVOA_D
ClientSampled :
S-1A

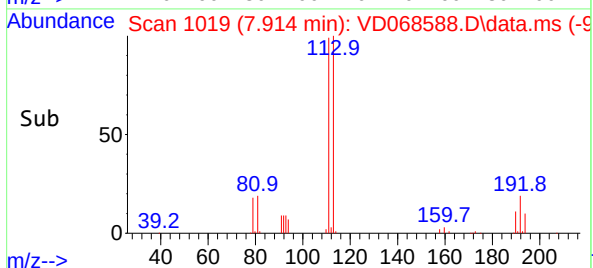
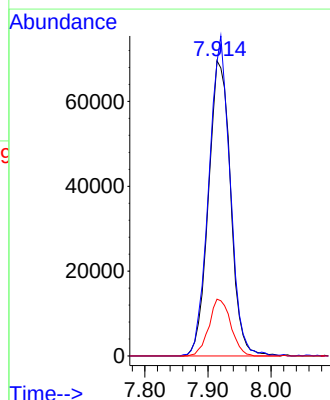
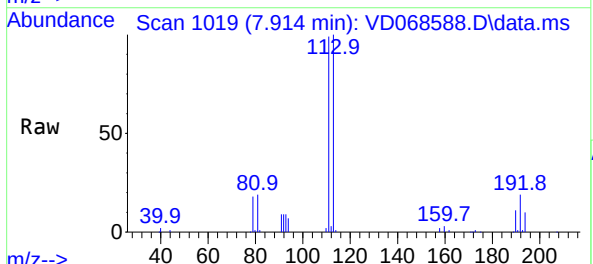
Tgt Ion:114 Resp: 564612
Ion Ratio Lower Upper
114 100
63 17.5 0.0 34.8
88 14.9 0.0 31.6

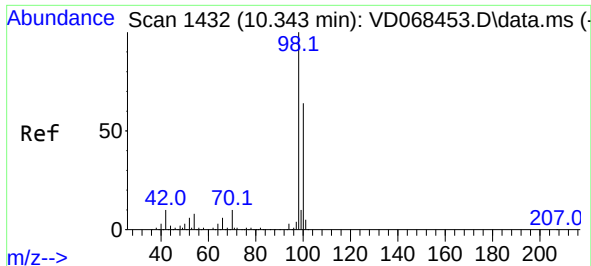


#35

Dibromofluoromethane
Concen: 49.77 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068588.D
Acq: 11 Mar 2021 16:37

Tgt Ion:113 Resp: 169290
Ion Ratio Lower Upper
113 100
111 104.3 81.4 122.0
192 19.0 16.1 24.1

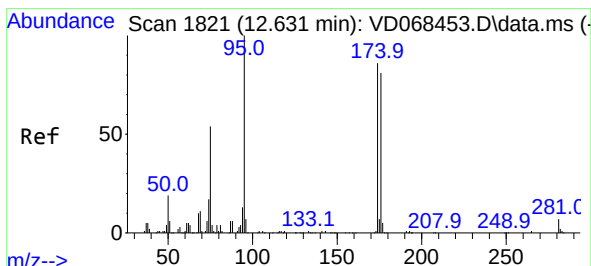
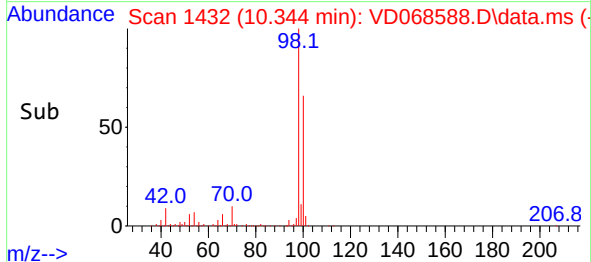
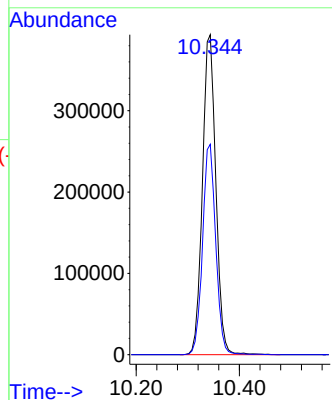
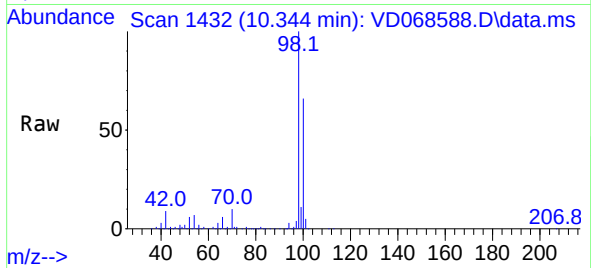




#50
Toluene-d8
Concen: 52.16 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068588.D
Acq: 11 Mar 2021 16:37

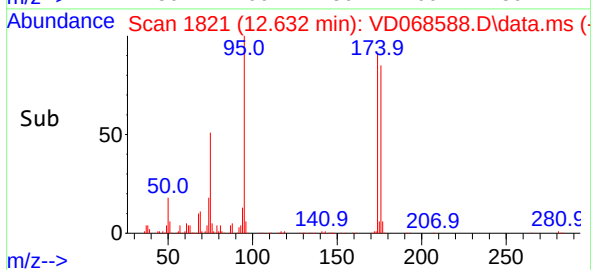
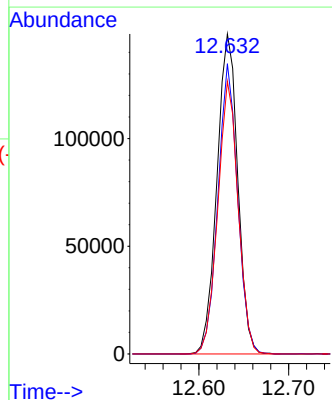
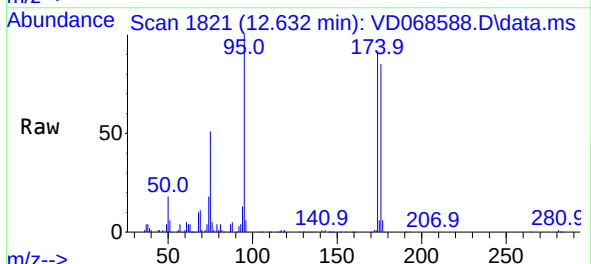
Instrument :
MSVOA_D
ClientSampled :
S-1A

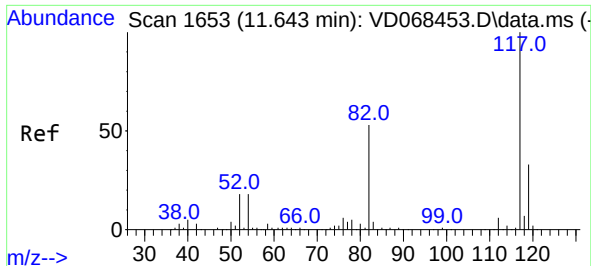
Tgt Ion: 98 Resp: 706644
Ion Ratio Lower Upper
98 100
100 64.7 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 54.79 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068588.D
Acq: 11 Mar 2021 16:37

Tgt Ion: 95 Resp: 239216
Ion Ratio Lower Upper
95 100
174 85.8 0.0 172.4
176 83.1 0.0 168.4

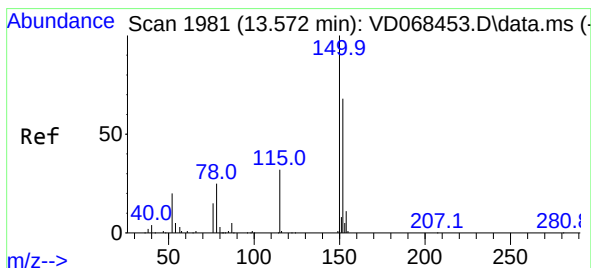
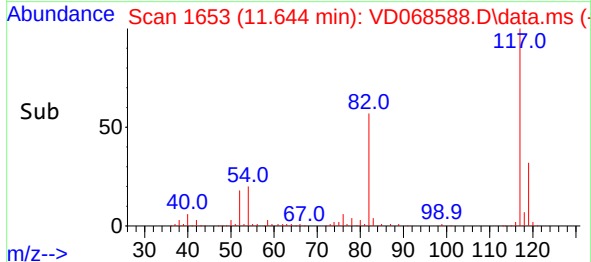
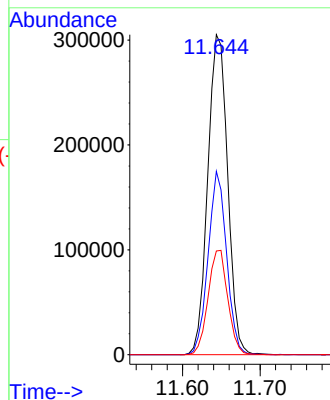
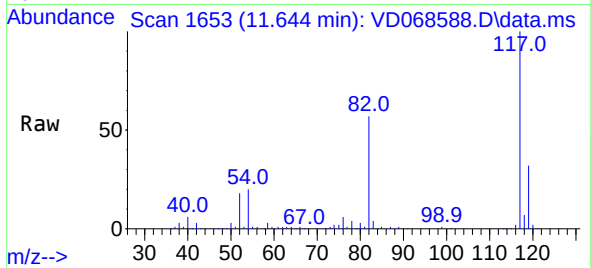




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068588.D
Acq: 11 Mar 2021 16:37

Instrument :
MSVOA_D
ClientSampled :
S-1A

Tgt Ion:117 Resp: 543745
Ion Ratio Lower Upper
117 100
82 57.3 41.4 62.0
119 32.4 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: VD068588.D
Acq: 11 Mar 2021 16:37

Tgt Ion:152 Resp: 288585
Ion Ratio Lower Upper
152 100
115 58.3 28.9 86.8
150 157.0 0.0 344.4

