

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012021\
 Data File : VD068121.D
 Acq On : 20 Jan 2021 18:55
 Operator : VA/SY
 Sample : M1179-01
 Misc : 6.84G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HS-TP1

Quant Time: Jan 20 23:47:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	591250	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	1013269	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	1007168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	488223	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	284027	50.22	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.44%
35) Dibromofluoromethane	7.920	113	295365	52.73	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.46%
50) Toluene-d8	10.344	98	1270452	56.70	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.40%
62) 4-Bromofluorobenzene	12.632	95	500914	62.08	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	124.16%

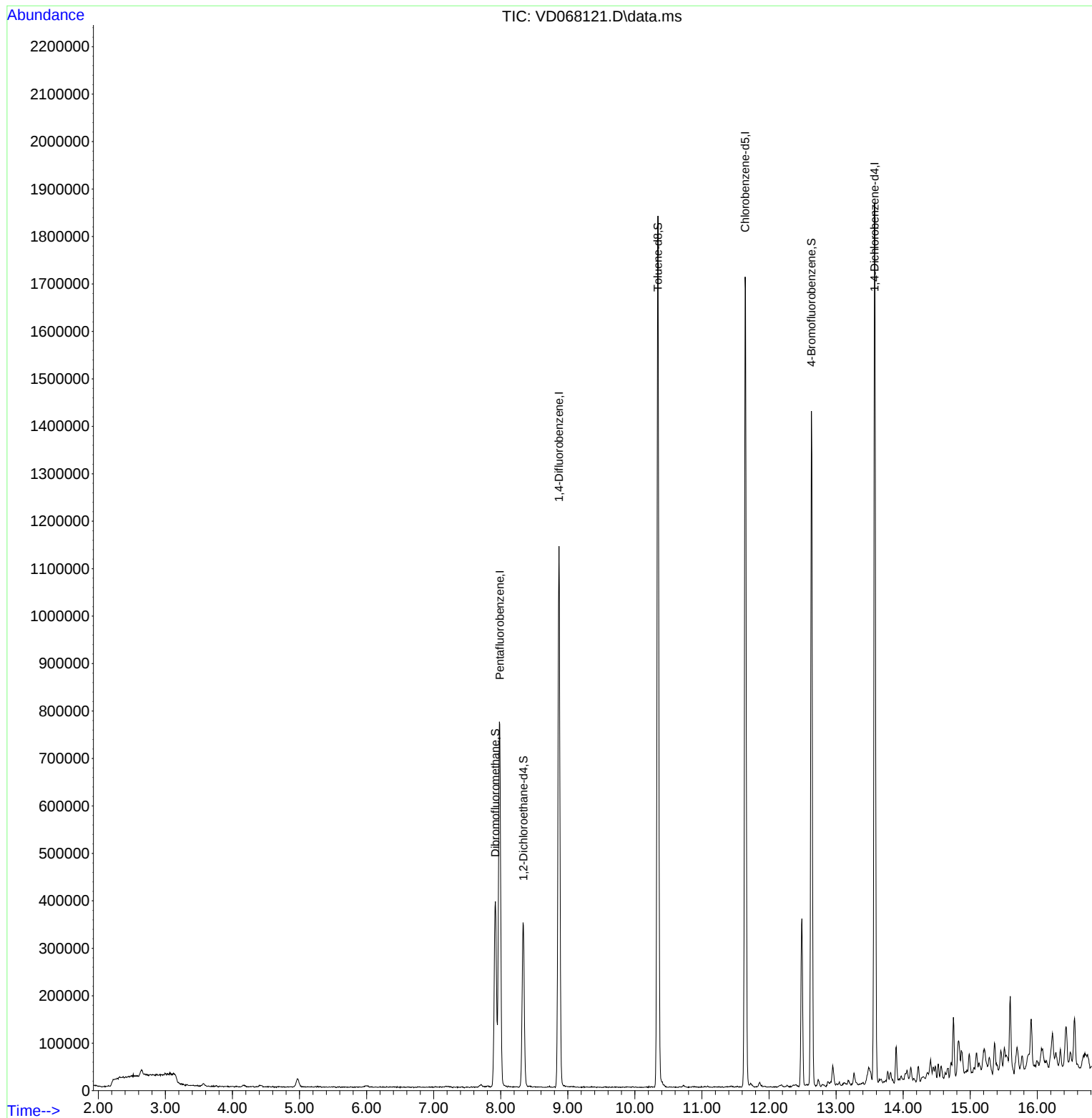
Target Compounds	Qvalue

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

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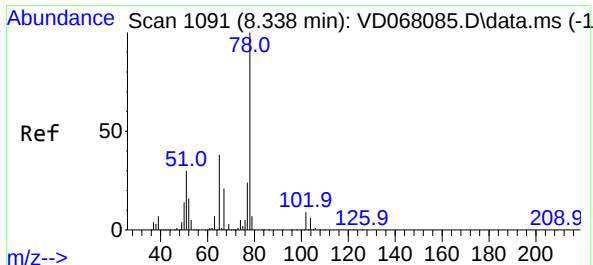
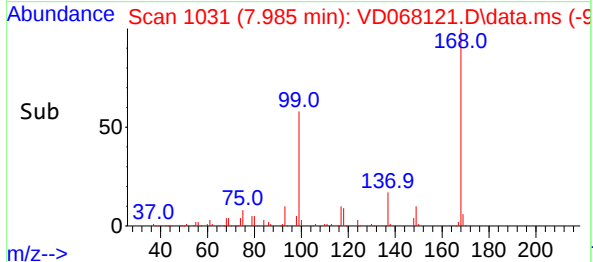
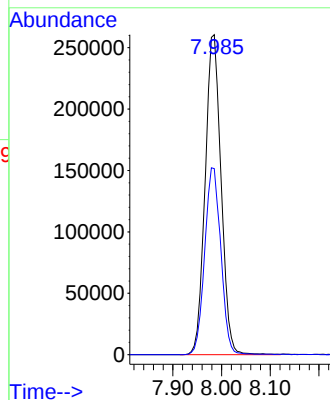
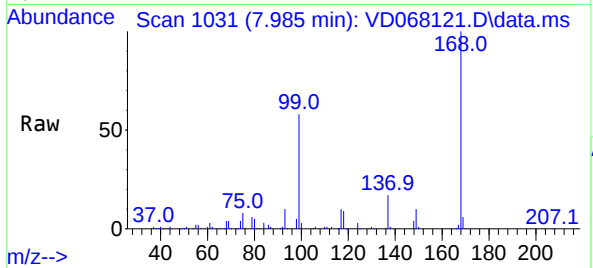




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068121.D
Acq: 20 Jan 2021 18:55

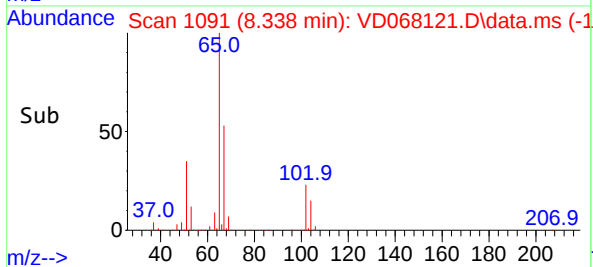
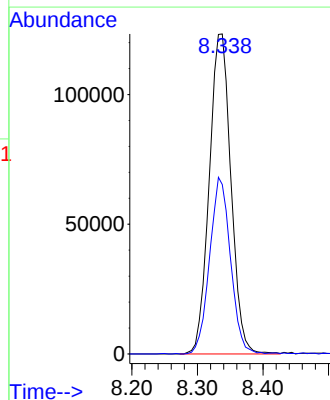
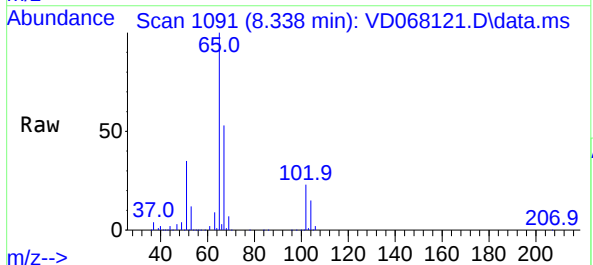
Instrument :
MSVOA_D
ClientSampled :
HS-TP1

Tgt Ion:168 Resp: 591250
Ion Ratio Lower Upper
168 100
99 58.2 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 50.22 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068121.D
Acq: 20 Jan 2021 18:55

Tgt Ion: 65 Resp: 284027
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.0



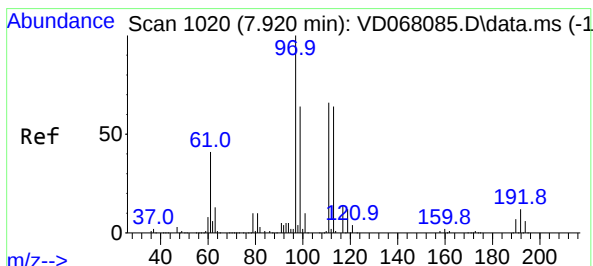
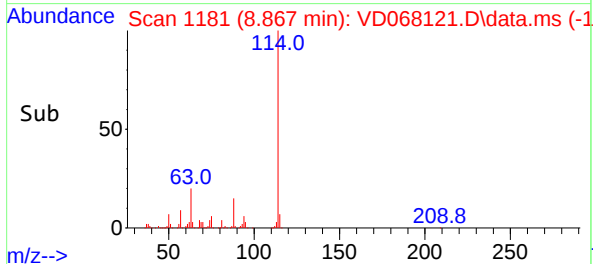
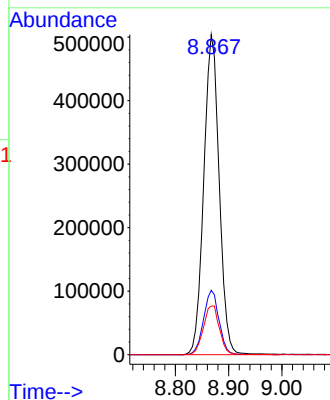
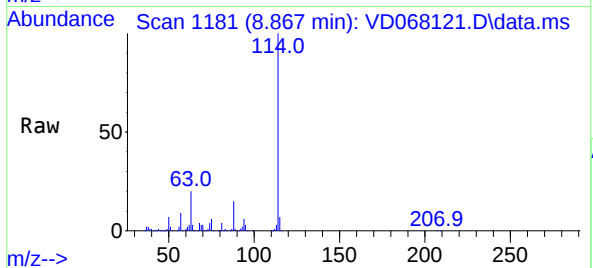


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068121.D
Acq: 20 Jan 2021 18:55

Instrument :
MSVOA_D
ClientSampleId :
HS-TP1

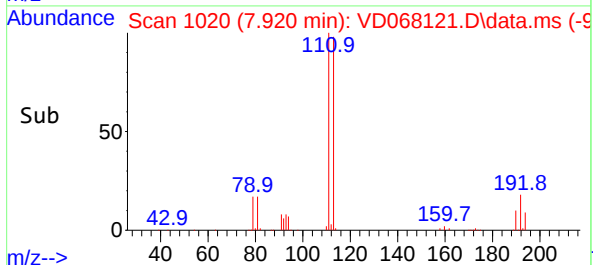
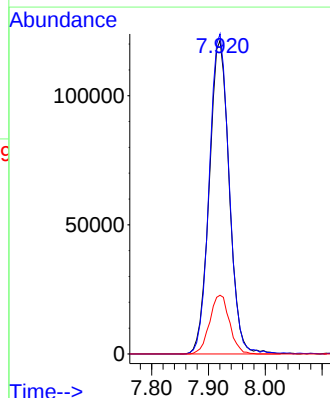
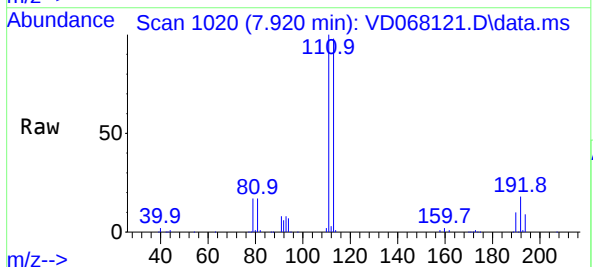
Tgt Ion:114 Resp: 1013269
Ion Ratio Lower Upper
114 100
63 20.1 0.0 34.8
88 15.2 0.0 31.6

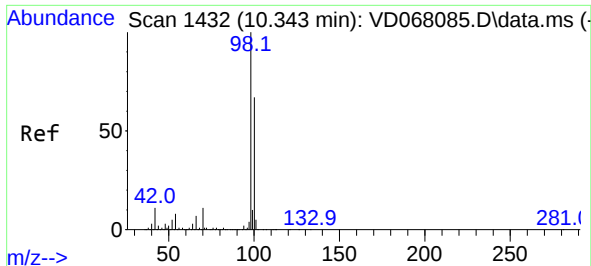


#35

Dibromofluoromethane
Concen: 52.73 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068121.D
Acq: 20 Jan 2021 18:55

Tgt Ion:113 Resp: 295365
Ion Ratio Lower Upper
113 100
111 101.2 81.4 122.0
192 18.6 16.1 24.1

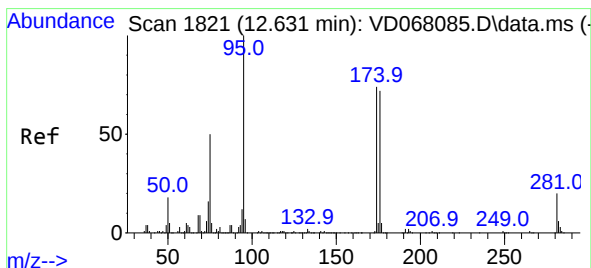
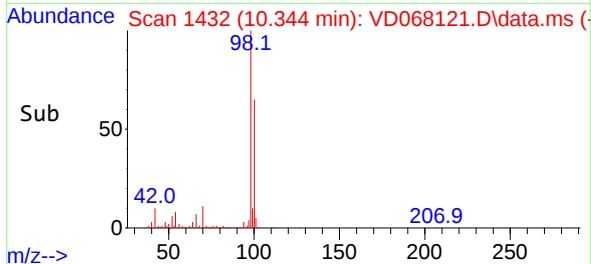
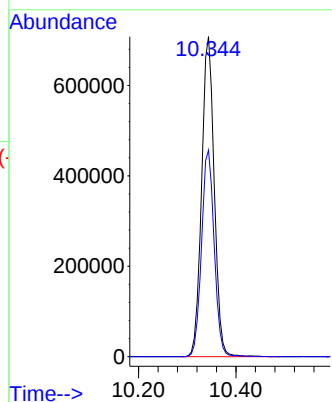
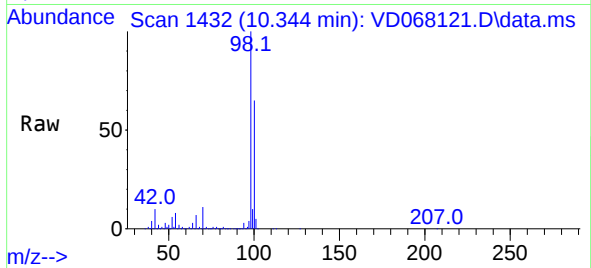




#50
Toluene-d8
Concen: 56.70 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068121.D
Acq: 20 Jan 2021 18:55

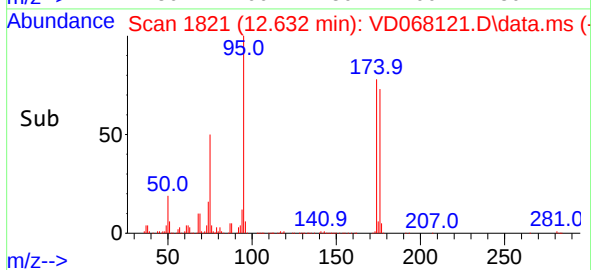
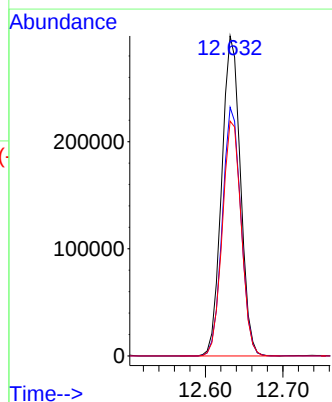
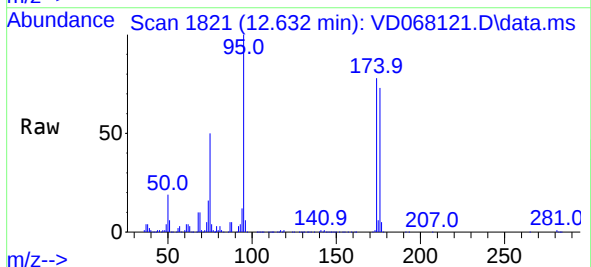
Instrument :
MSVOA_D
ClientSampleId :
HS-TP1

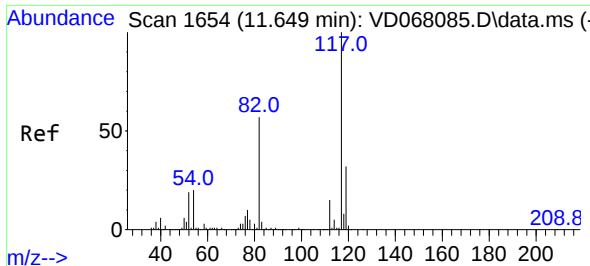
Tgt Ion: 98 Resp: 1270452
Ion Ratio Lower Upper
98 100
100 65.0 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 62.08 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068121.D
Acq: 20 Jan 2021 18:55

Tgt Ion: 95 Resp: 500914
Ion Ratio Lower Upper
95 100
174 76.9 0.0 172.4
176 73.9 0.0 168.4

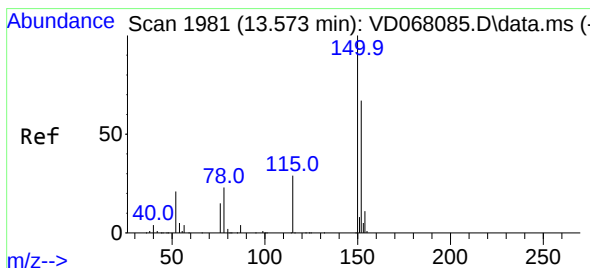
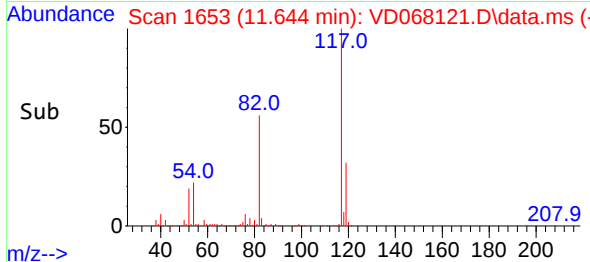
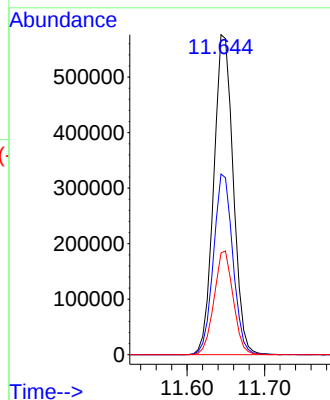
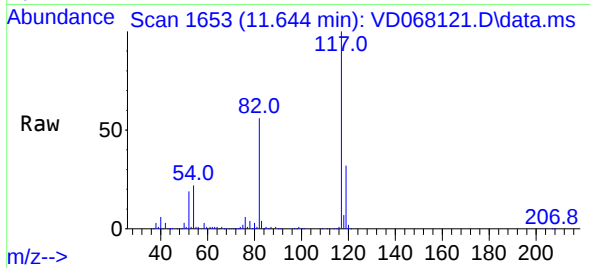




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.005 min
Lab File: VD068121.D
Acq: 20 Jan 2021 18:55

Instrument :
MSVOA_D
ClientSampleId :
HS-TP1

Tgt Ion:117 Resp: 1007168
Ion Ratio Lower Upper
117 100
82 56.4 41.4 62.0
119 31.8 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068121.D
Acq: 20 Jan 2021 18:55

Tgt Ion:152 Resp: 488223
Ion Ratio Lower Upper
152 100
115 61.3 28.9 86.8
150 158.2 0.0 344.4

