

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040921\
 Data File : VD068811.D
 Acq On : 09 Apr 2021 14:54
 Operator : VA/SY
 Sample : M1979-21
 Misc : 4.85G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-21

Quant Time: Apr 10 00:42:26 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	490398	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	886900	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	942958	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	448841	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	214697	41.42	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.84%
35) Dibromofluoromethane	7.920	113	269207	46.67	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.34%
50) Toluene-d8	10.343	98	1134943	52.15	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.30%
62) 4-Bromofluorobenzene	12.632	95	443723	61.39	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	122.78%

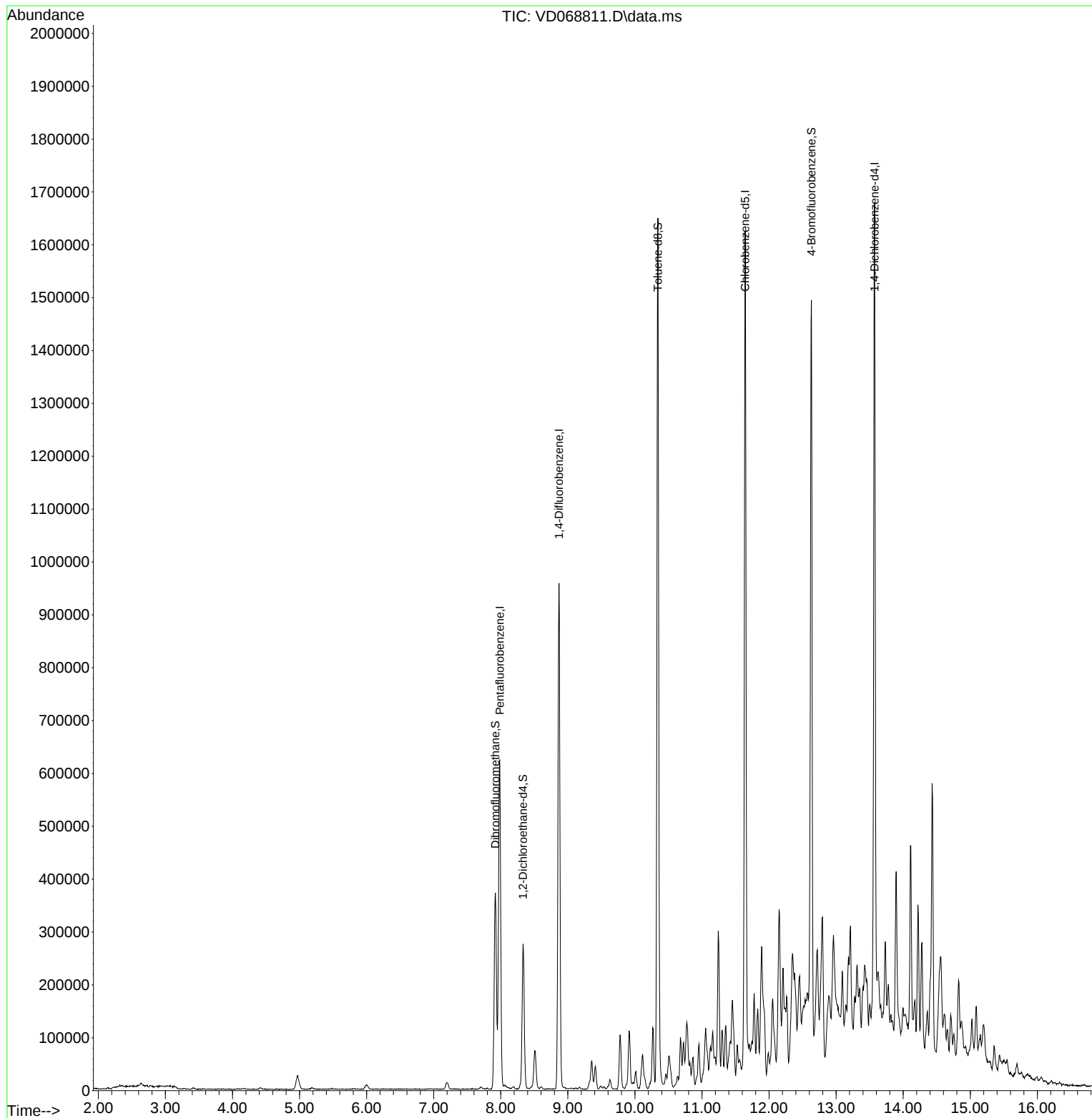
Target Compounds	Qvalue

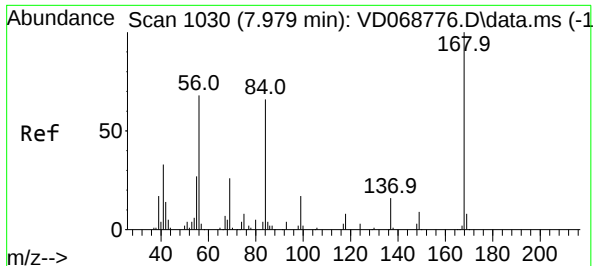
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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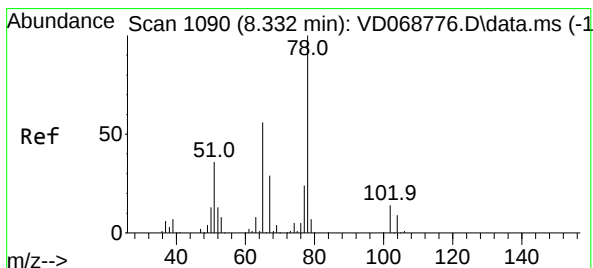
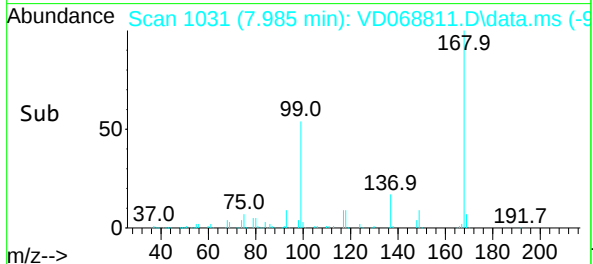
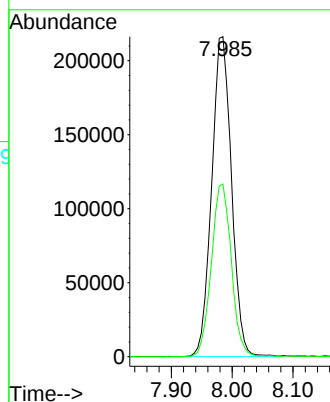
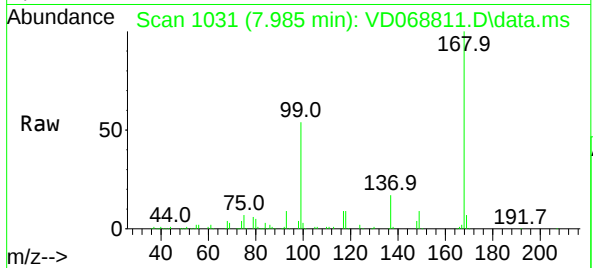




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068811.D
Acq: 09 Apr 2021 14:54

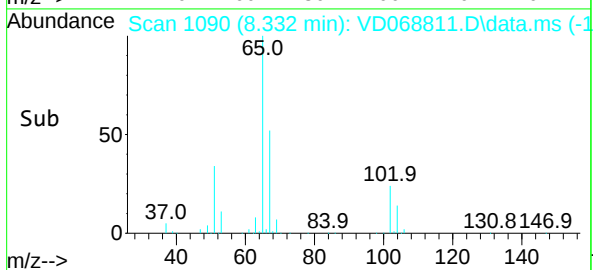
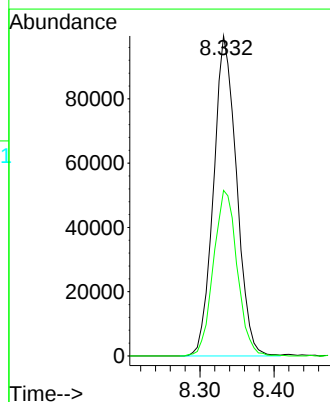
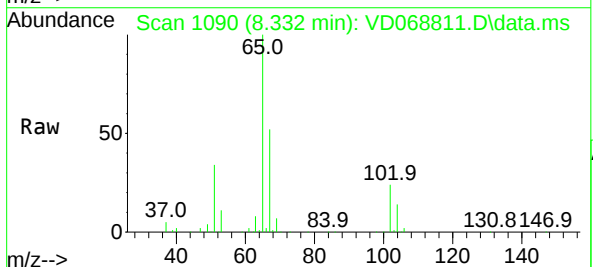
Instrument :
MSVOA_D
ClientSampleId :
S-21

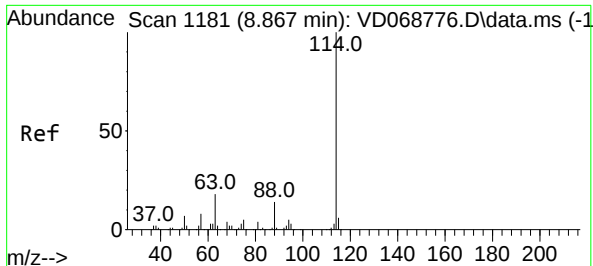
Tgt Ion:168 Resp: 490398
Ion Ratio Lower Upper
168 100
99 53.9 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 41.42 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068811.D
Acq: 09 Apr 2021 14:54

Tgt Ion: 65 Resp: 214697
Ion Ratio Lower Upper
65 100
67 53.4 0.0 106.0



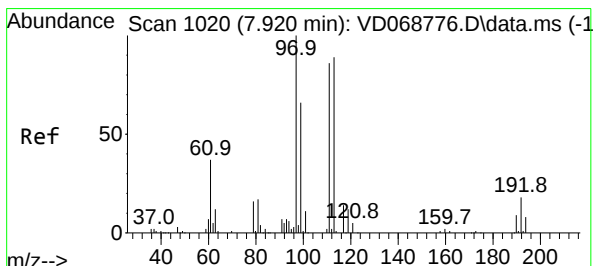
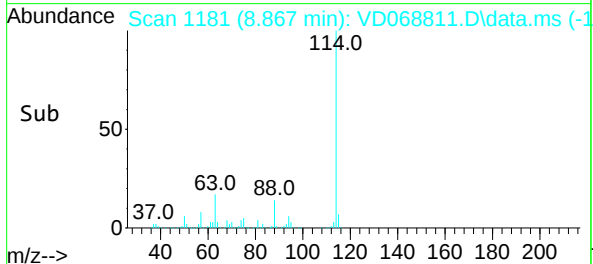
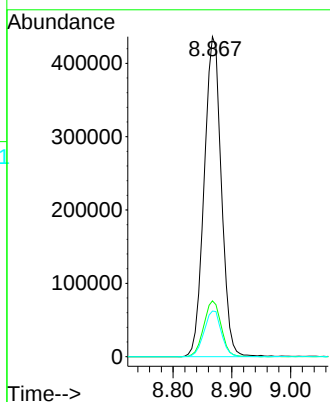
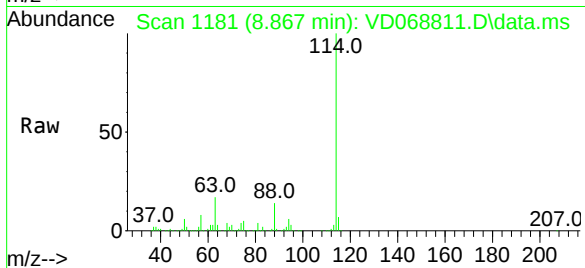


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068811.D
Acq: 09 Apr 2021 14:54

Instrument :
MSVOA_D
ClientSampled :
S-21

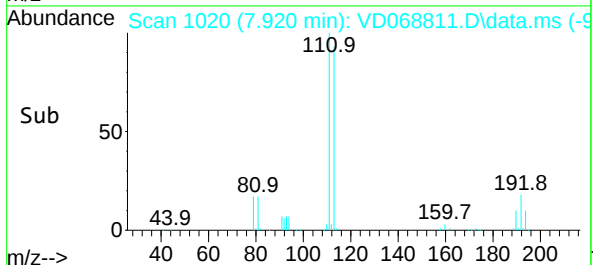
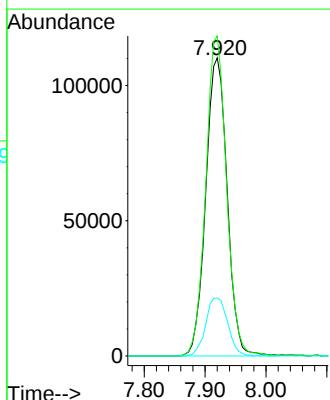
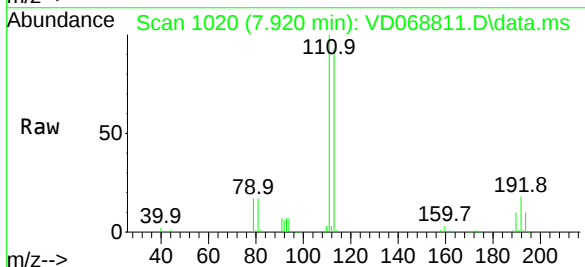
Tgt Ion:114 Resp: 886900
Ion Ratio Lower Upper
114 100
63 17.4 0.0 38.2
88 14.2 0.0 29.4

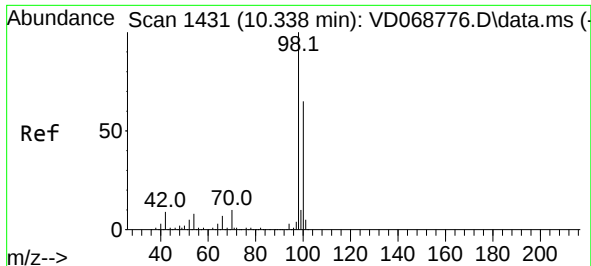


#35

Dibromofluoromethane
Concen: 46.67 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068811.D
Acq: 09 Apr 2021 14:54

Tgt Ion:113 Resp: 269207
Ion Ratio Lower Upper
113 100
111 104.4 82.5 123.7
192 20.0 15.1 22.7

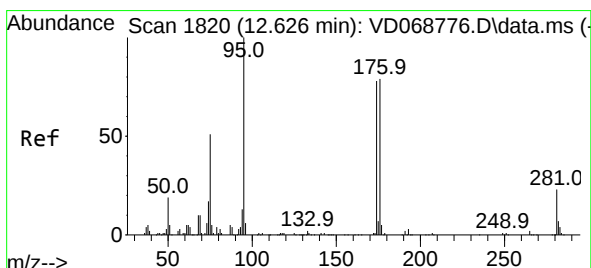
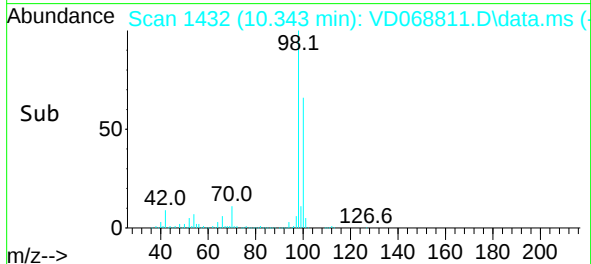
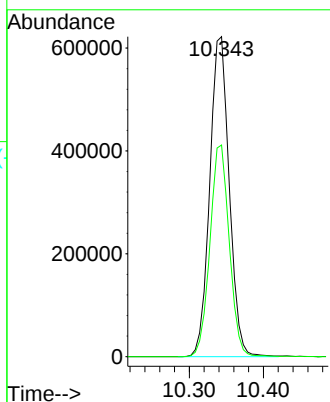
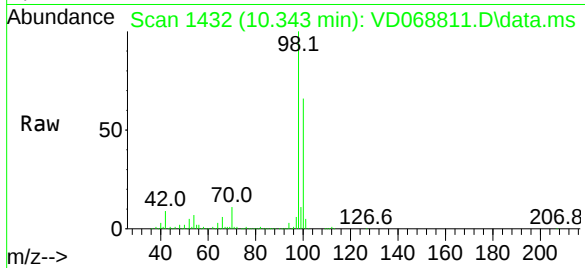




#50
Toluene-d8
Concen: 52.15 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.005 min
Lab File: VD068811.D
Acq: 09 Apr 2021 14:54

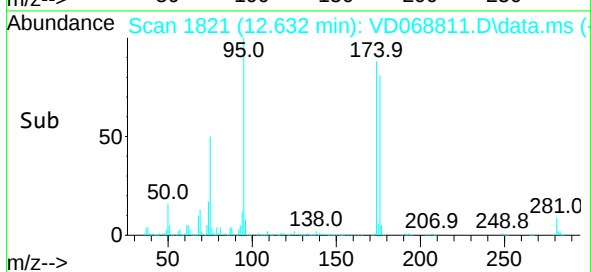
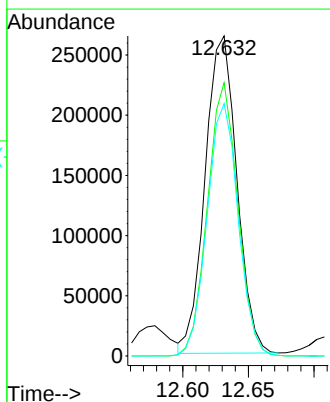
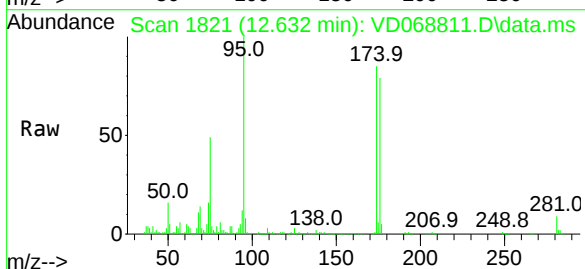
Instrument :
MSVOA_D
ClientSampleId :
S-21

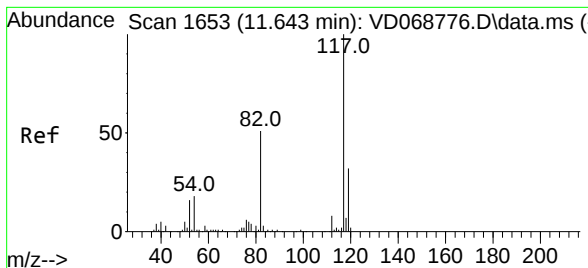
Tgt Ion: 98 Resp: 1134943
Ion Ratio Lower Upper
98 100
100 65.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 61.39 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068811.D
Acq: 09 Apr 2021 14:54

Tgt Ion: 95 Resp: 443723
Ion Ratio Lower Upper
95 100
174 82.5 0.0 168.0
176 77.9 0.0 160.2

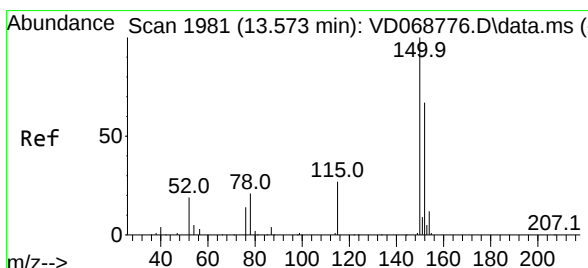
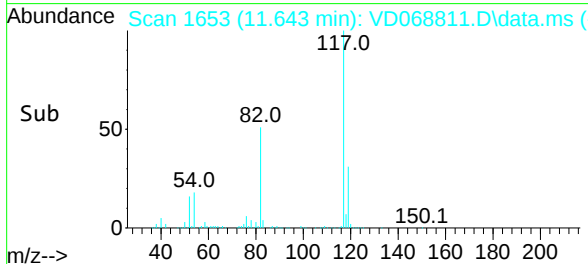
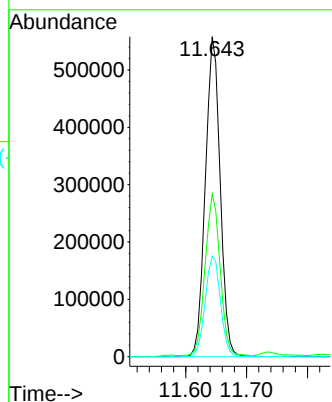
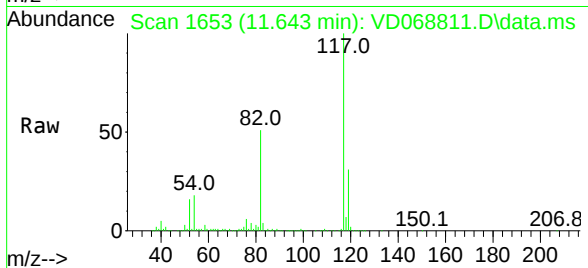




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068811.D
Acq: 09 Apr 2021 14:54

Instrument :
MSVOA_D
ClientSampleId :
S-21

Tgt Ion:117 Resp: 942958
Ion Ratio Lower Upper
117 100
82 50.5 43.5 65.3
119 31.4 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: VD068811.D
Acq: 09 Apr 2021 14:54

Tgt Ion:152 Resp: 448841
Ion Ratio Lower Upper
152 100
115 57.0 29.3 87.8
150 155.5 0.0 347.6

