

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041621\
 Data File : VD068881.D
 Acq On : 16 Apr 2021 17:47
 Operator : VA/SY
 Sample : M2040-05
 Misc : 5.68G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FILL-B-3

Quant Time: Apr 16 23:51:30 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	7.979	168	283207	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	485222	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	547278	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	288182	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	134645	44.99	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.98%
35) Dibromofluoromethane	7.914	113	152991	48.48	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.96%
50) Toluene-d8	10.338	98	609494	51.19	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.38%
62) 4-Bromofluorobenzene	12.632	95	263032	66.52	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	133.04%

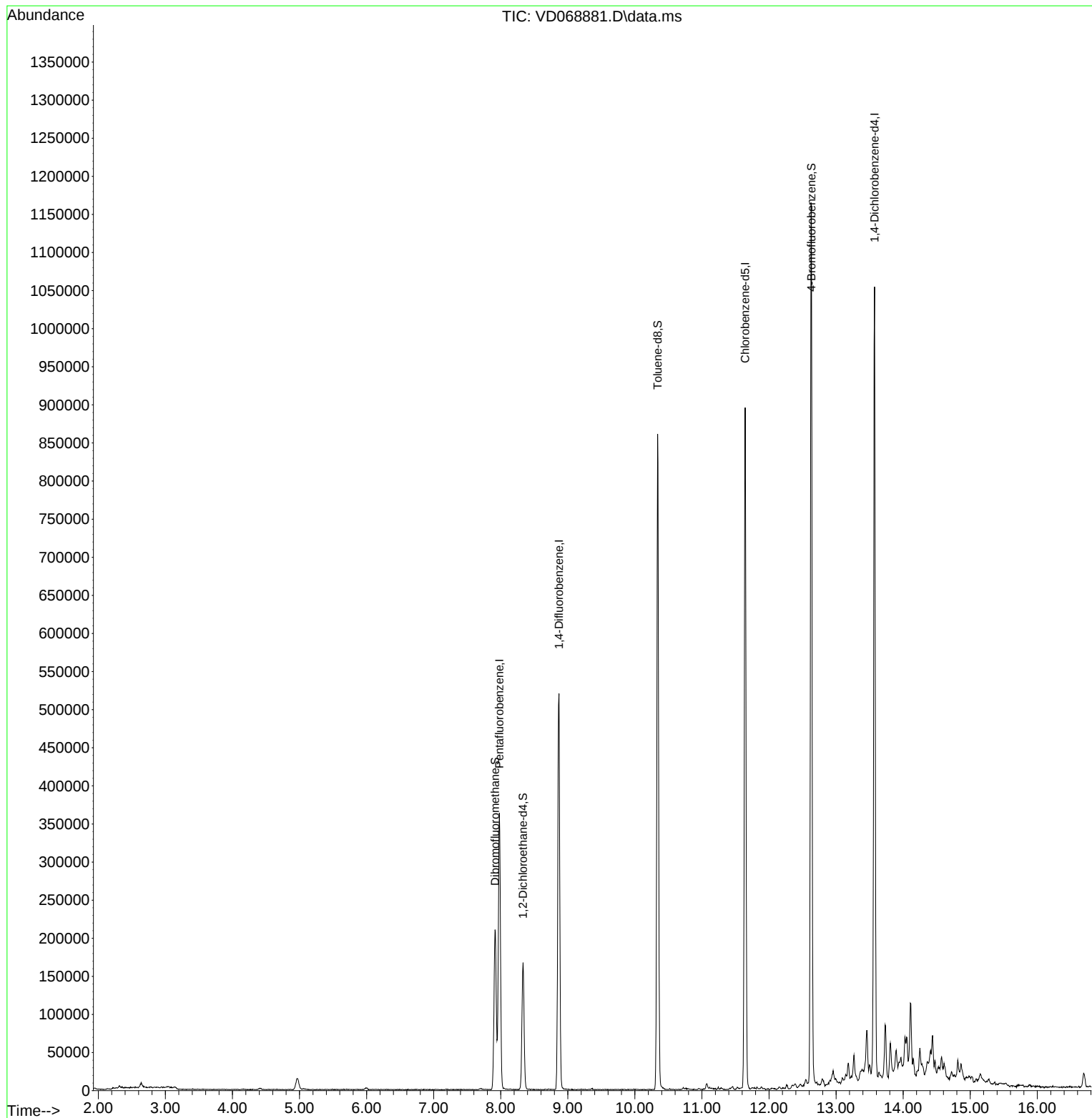
Target Compounds	Qvalue

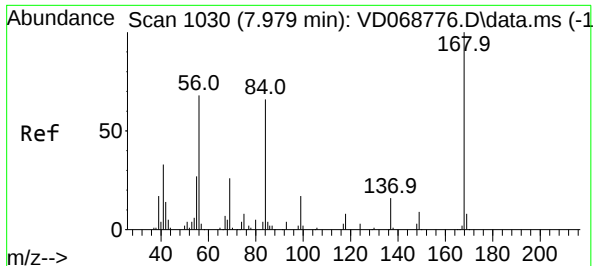
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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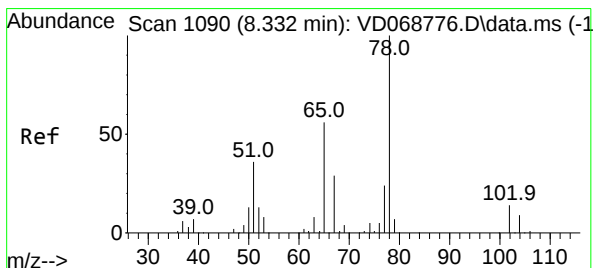
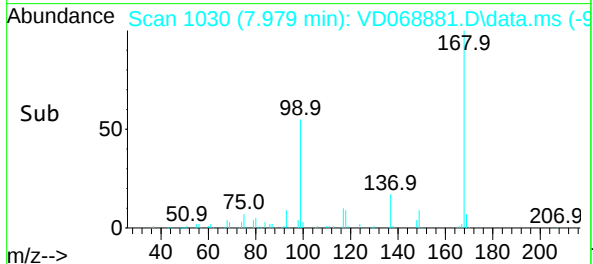
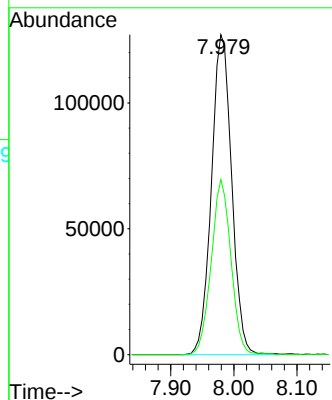
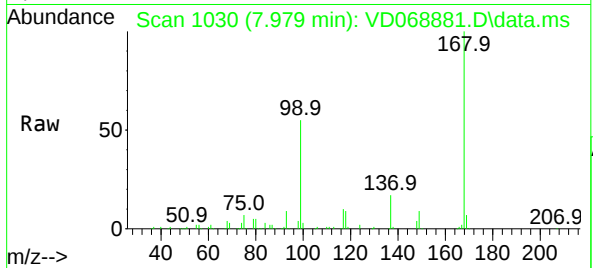




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068881.D
Acq: 16 Apr 2021 17:47

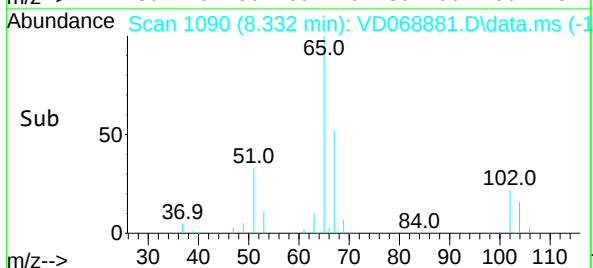
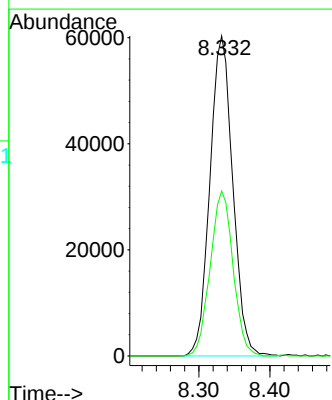
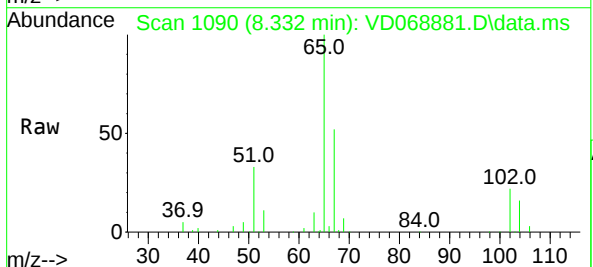
Instrument :
MSVOA_D
ClientSampleId :
FILL-B-3

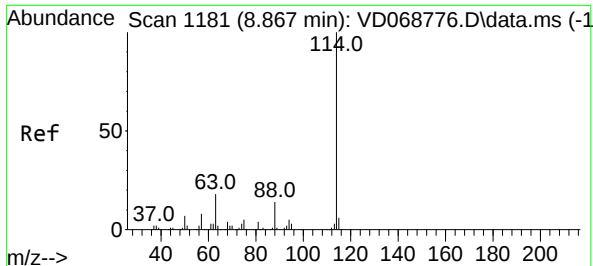
Tgt Ion:168 Resp: 283207
Ion Ratio Lower Upper
168 100
99 54.7 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 44.99 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068881.D
Acq: 16 Apr 2021 17:47

Tgt Ion: 65 Resp: 134645
Ion Ratio Lower Upper
65 100
67 51.5 0.0 106.0



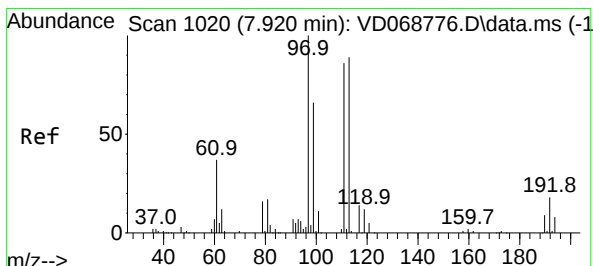
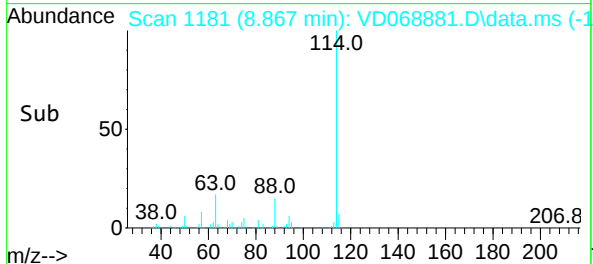
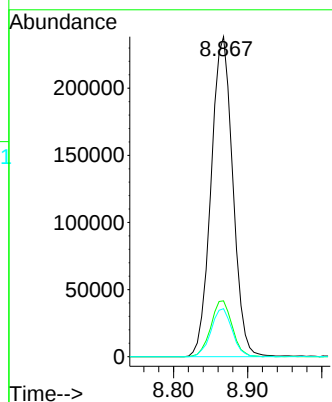
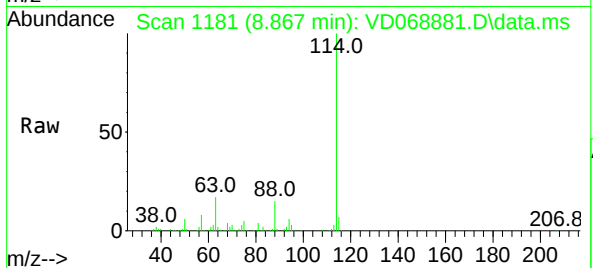


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068881.D
Acq: 16 Apr 2021 17:47

Instrument :
MSVOA_D
ClientSampled :
FILL-B-3

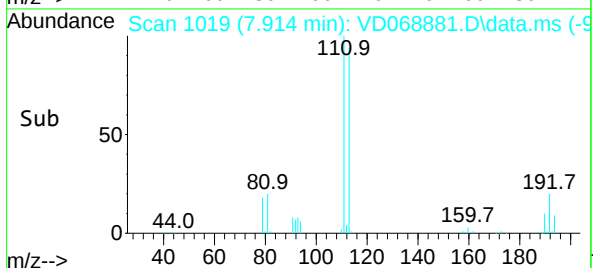
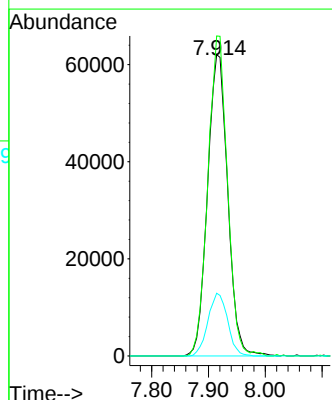
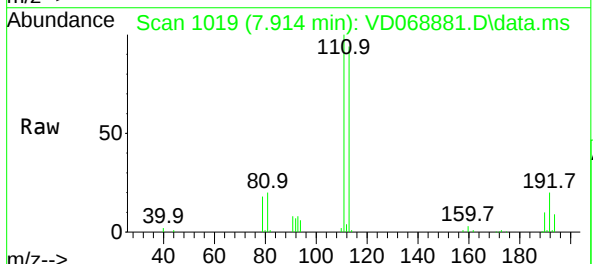
Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	38.2
88	15.0	0.0	29.4

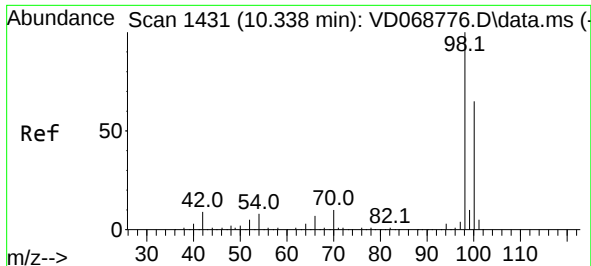


#35

Dibromofluoromethane
Concen: 48.48 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068881.D
Acq: 16 Apr 2021 17:47

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.5	123.7
192	20.2	15.1	22.7

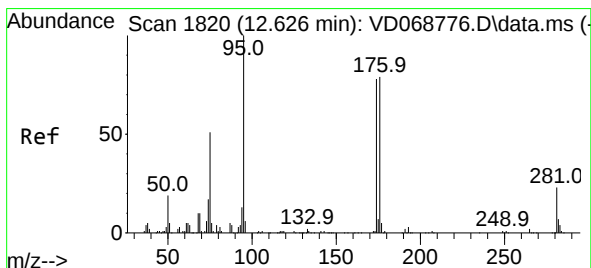
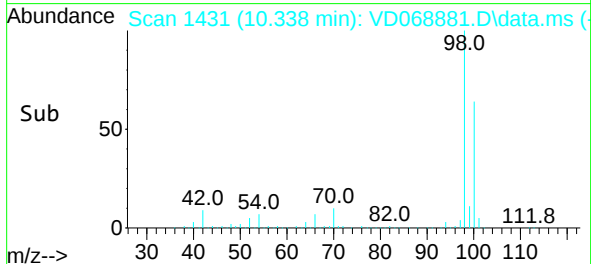
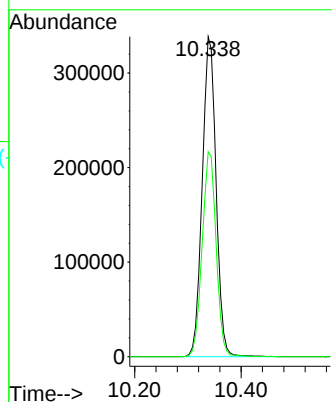
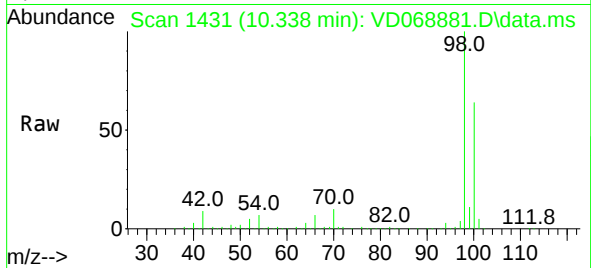




#50
Toluene-d8
Concen: 51.19 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068881.D
Acq: 16 Apr 2021 17:47

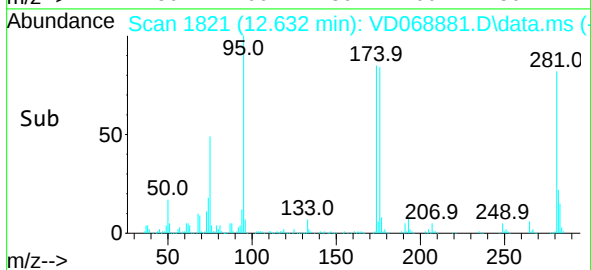
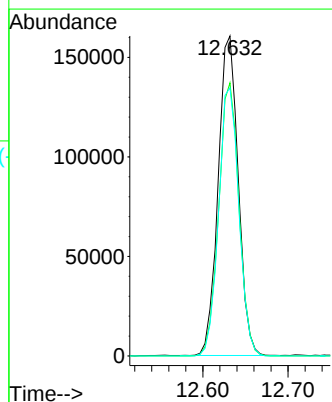
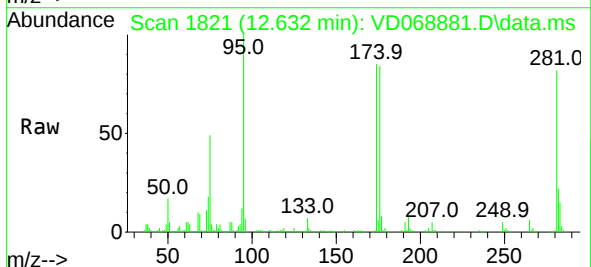
Instrument :
MSVOA_D
ClientSampleId :
FILL-B-3

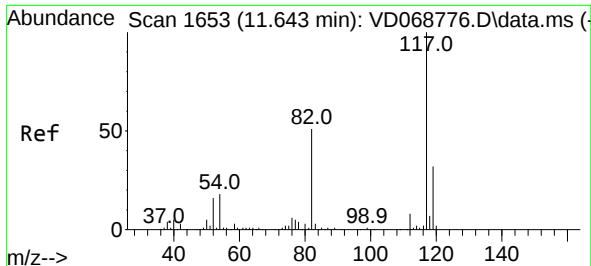
Tgt Ion: 98 Resp: 609494
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 66.52 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068881.D
Acq: 16 Apr 2021 17:47

Tgt Ion: 95 Resp: 263032
Ion Ratio Lower Upper
95 100
174 85.9 0.0 168.0
176 84.5 0.0 160.2

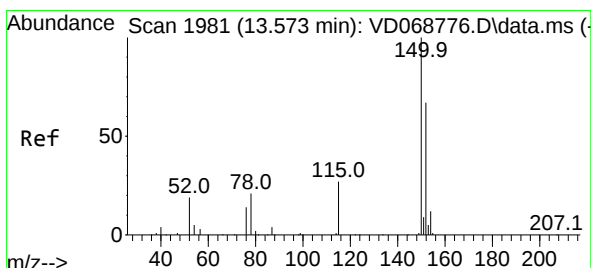
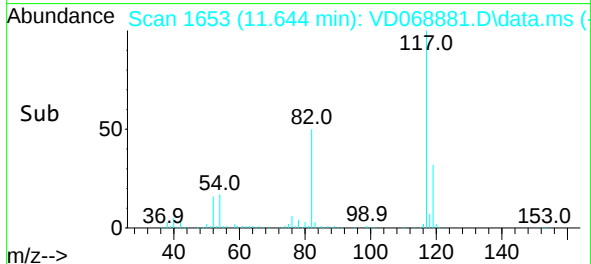
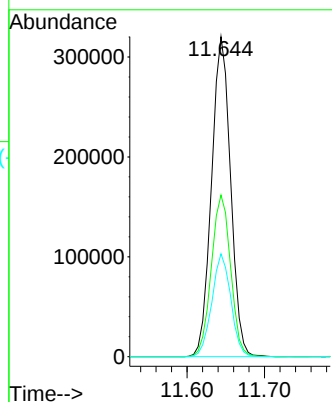
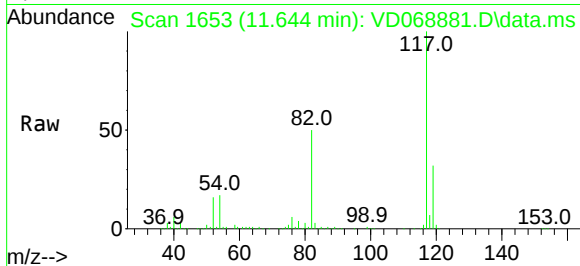




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068881.D
Acq: 16 Apr 2021 17:47

Instrument :
MSVOA_D
ClientSampleId :
FILL-B-3

Tgt Ion:	117	Resp:	547278
Ion	Ratio	Lower	Upper
117	100		
82	50.5	43.5	65.3
119	32.2	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: VD068881.D
Acq: 16 Apr 2021 17:47

Tgt Ion:	152	Resp:	288182
Ion	Ratio	Lower	Upper
152	100		
115	56.7	29.3	87.8
150	155.7	0.0	347.6

