

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041621\
 Data File : VD068878.D
 Acq On : 16 Apr 2021 16:22
 Operator : VA/SY
 Sample : M2049-18
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-12-13.5-14.0

Quant Time: Apr 16 23:50:46 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)

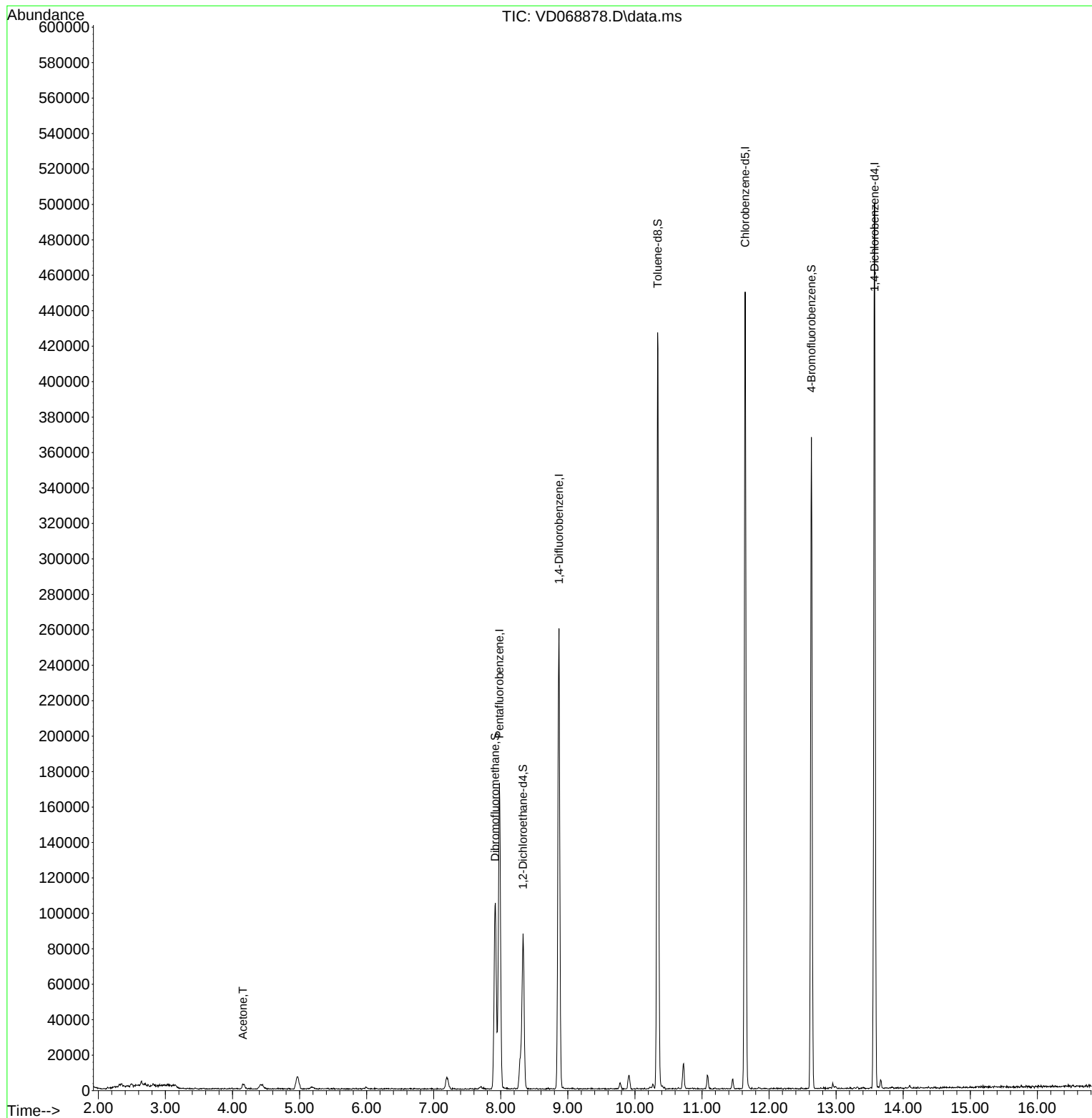
Internal Standards						
1) Pentafluorobenzene	7.979	168	130121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	232226	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	266148	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	135382	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	67428	49.03	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.06%
35) Dibromofluoromethane	7.914	113	77462	51.28	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.56%
50) Toluene-d8	10.338	98	298652	52.41	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.82%
62) 4-Bromofluorobenzene	12.632	95	114044	60.26	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	120.52%
Target Compounds						
16) Acetone	4.156	43	4840	25.42	ug/l	Qvalue 89

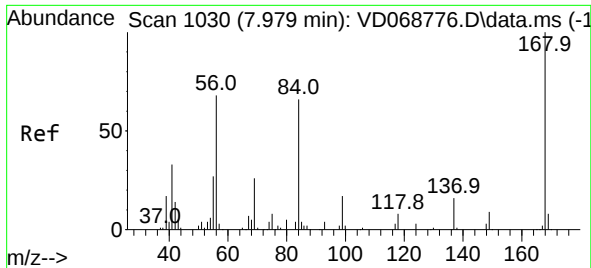
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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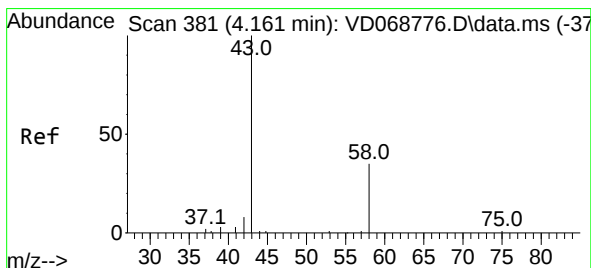
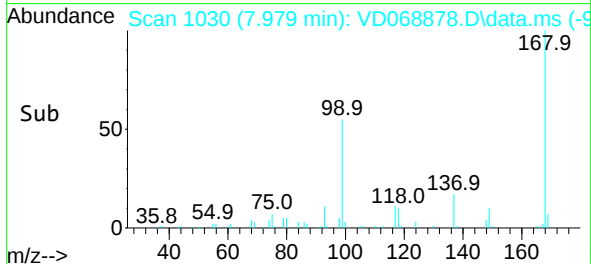
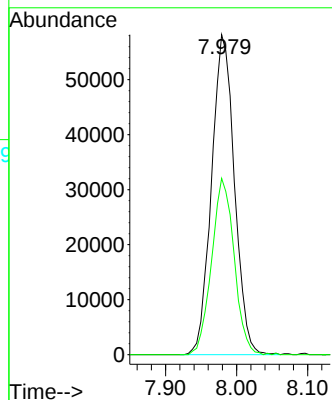
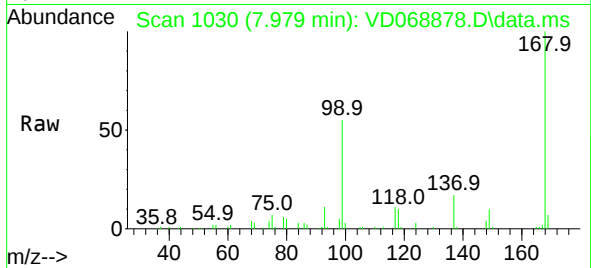




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068878.D
Acq: 16 Apr 2021 16:22

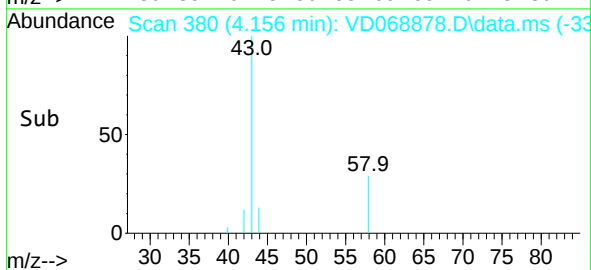
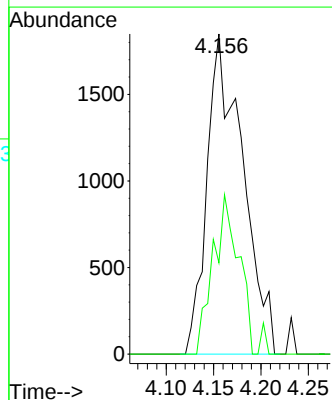
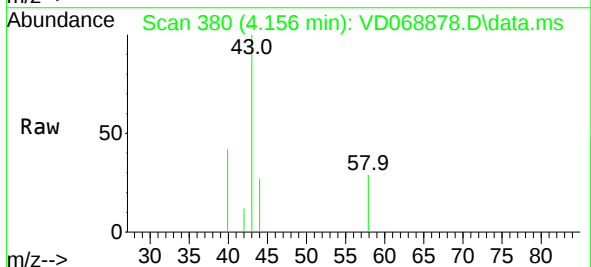
Instrument :
MSVOA_D
ClientSampleId :
SB-12-13.5-14.0

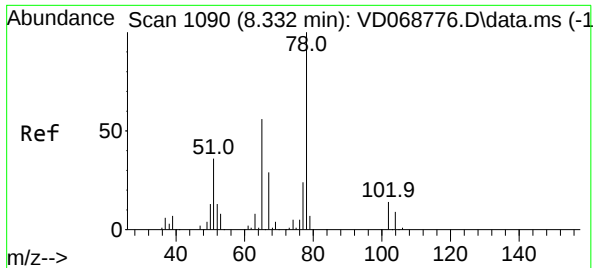
Tgt Ion:168 Resp: 130121
Ion Ratio Lower Upper
168 100
99 55.1 46.2 69.2



#16
Acetone
Concen: 25.42 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.005 min
Lab File: VD068878.D
Acq: 16 Apr 2021 16:22

Tgt Ion: 43 Resp: 4840
Ion Ratio Lower Upper
43 100
58 28.5 28.0 42.0

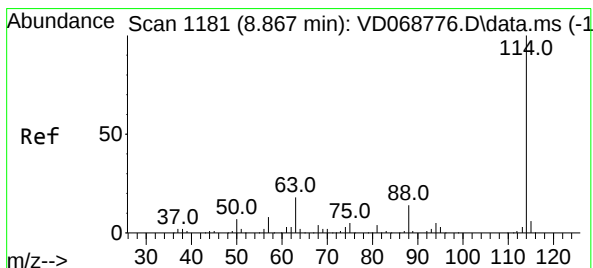
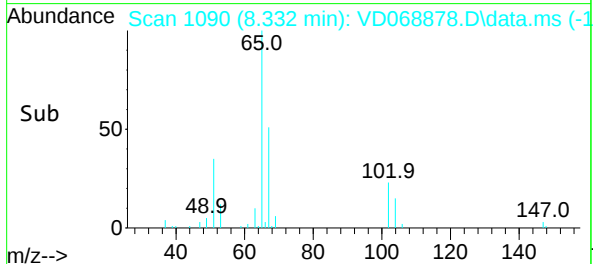
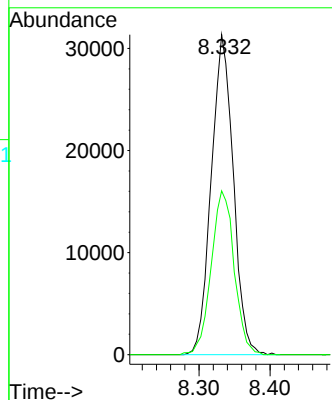
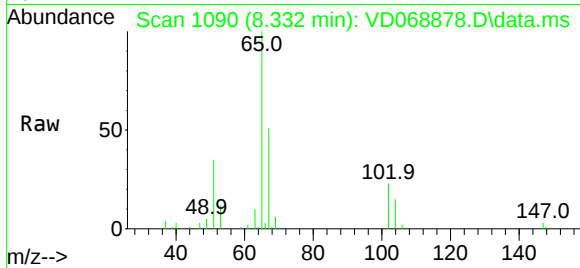




#33
 1,2-Dichloroethane-d4
 Concen: 49.03 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. -0.000 min
 Lab File: VD068878.D
 Acq: 16 Apr 2021 16:22

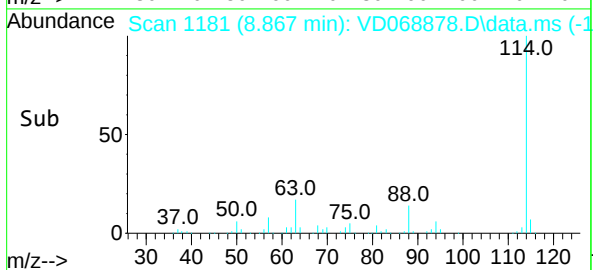
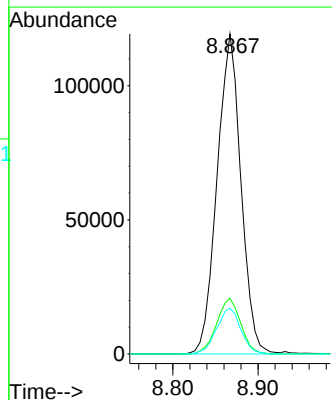
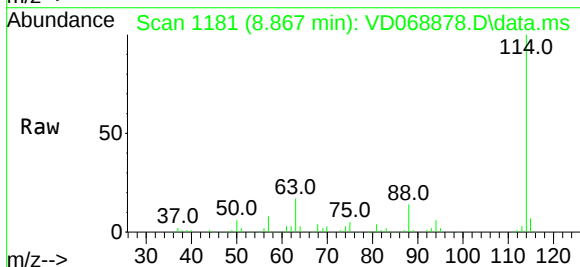
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-12-13.5-14.0

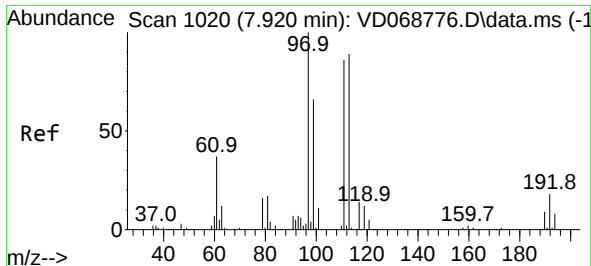
Tgt Ion:	65	Resp:	67428
Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	106.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: VD068878.D
 Acq: 16 Apr 2021 16:22

Tgt Ion:	114	Resp:	232226
Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	38.2
88	14.3	0.0	29.4

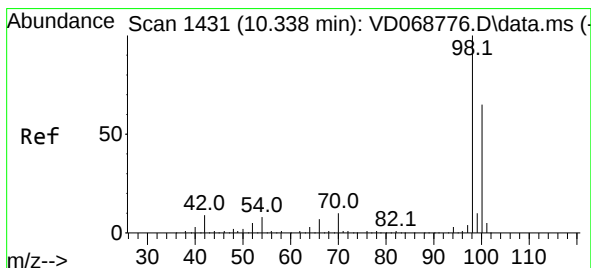
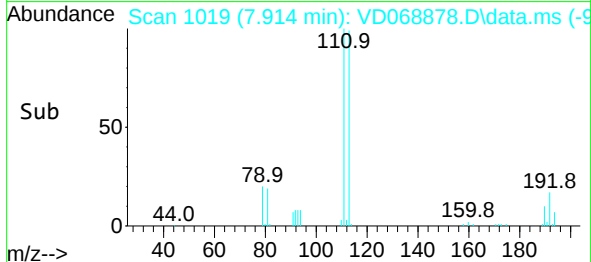
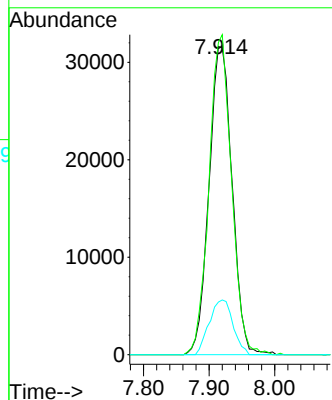
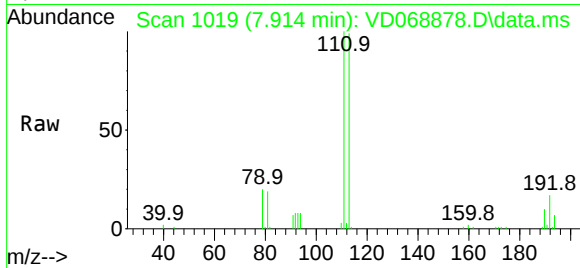




#35
Dibromofluoromethane
Concen: 51.28 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068878.D
Acq: 16 Apr 2021 16:22

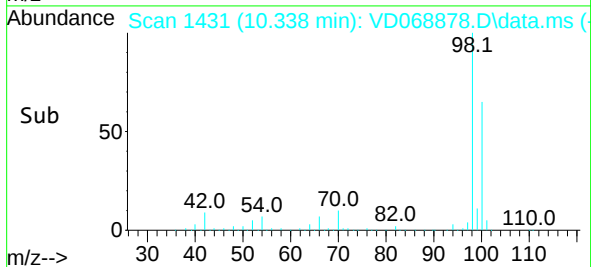
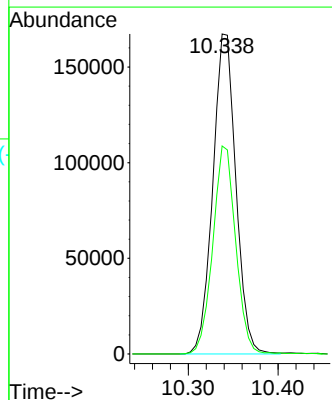
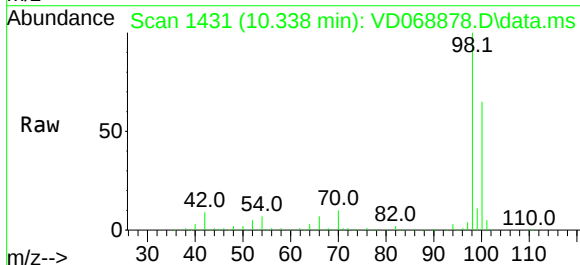
Instrument :
MSVOA_D
ClientSampleId :
SB-12-13.5-14.0

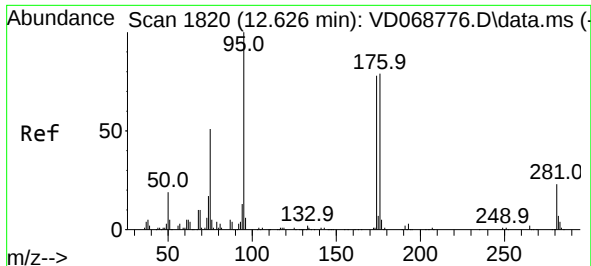
Tgt Ion:113 Resp: 77462
Ion Ratio Lower Upper
113 100
111 101.2 82.5 123.7
192 18.2 15.1 22.7



#50
Toluene-d8
Concen: 52.41 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068878.D
Acq: 16 Apr 2021 16:22

Tgt Ion: 98 Resp: 298652
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6

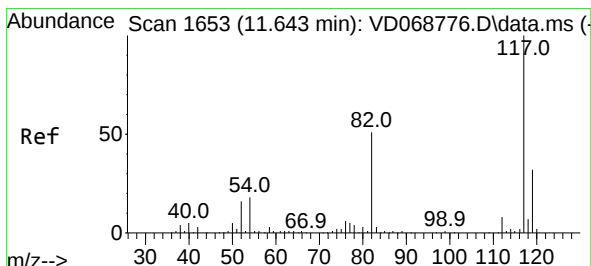
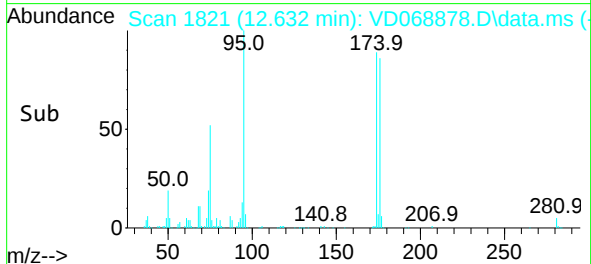
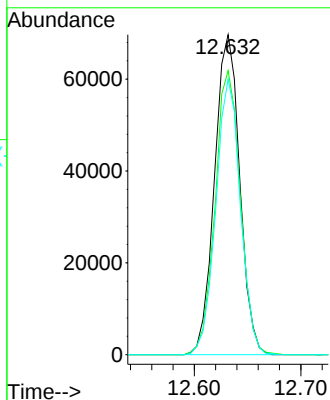
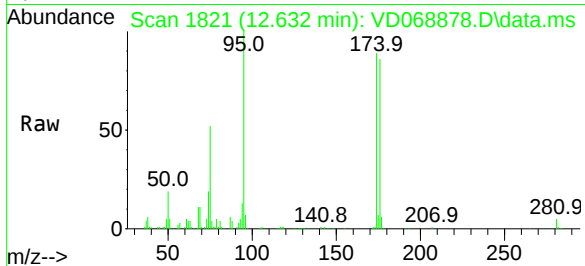




#62
4-Bromofluorobenzene
Concen: 60.26 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068878.D
Acq: 16 Apr 2021 16:22

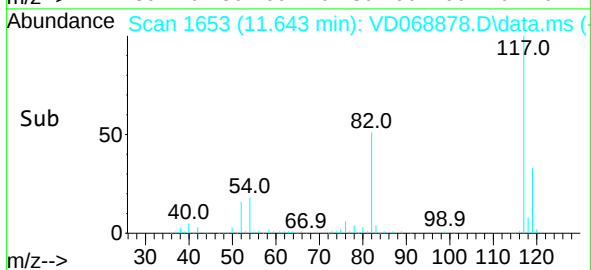
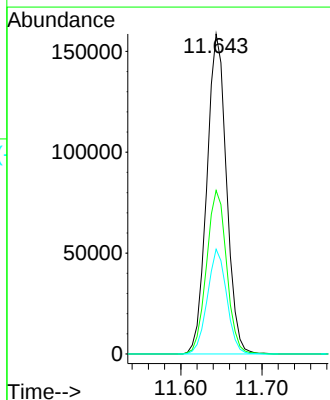
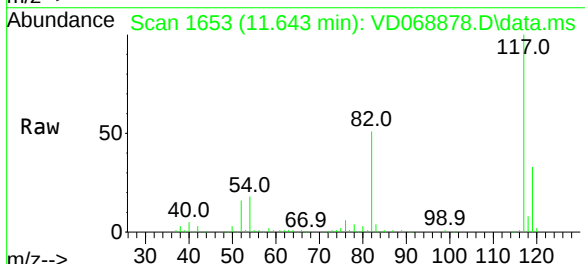
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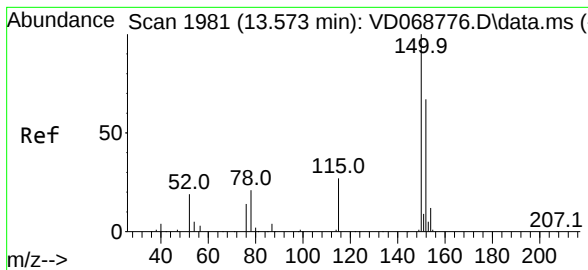
Tgt Ion: 95 Resp: 114044
Ion Ratio Lower Upper
95 100
174 89.1 0.0 168.0
176 84.3 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068878.D
Acq: 16 Apr 2021 16:22

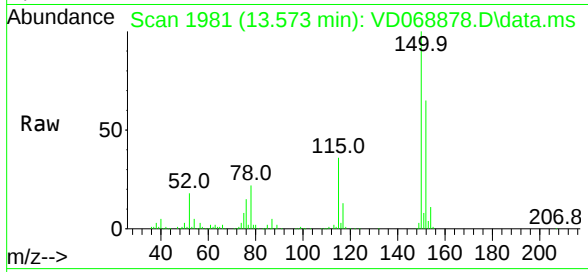
Tgt Ion: 117 Resp: 266148
Ion Ratio Lower Upper
117 100
82 51.1 43.5 65.3
119 32.7 26.7 40.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. -0.000 min
 Lab File: VD068878.D
 Acq: 16 Apr 2021 16:22

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-12-13.5-14.0



Tgt Ion:152 Resp: 135382
 Ion Ratio Lower Upper
 152 100
 115 56.0 29.3 87.8
 150 156.5 0.0 347.6

