

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041621\
 Data File : VD068876.D
 Acq On : 16 Apr 2021 15:25
 Operator : VA/SY
 Sample : M2049-06
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-09-0-2.0

Quant Time: Apr 16 23:50:20 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)

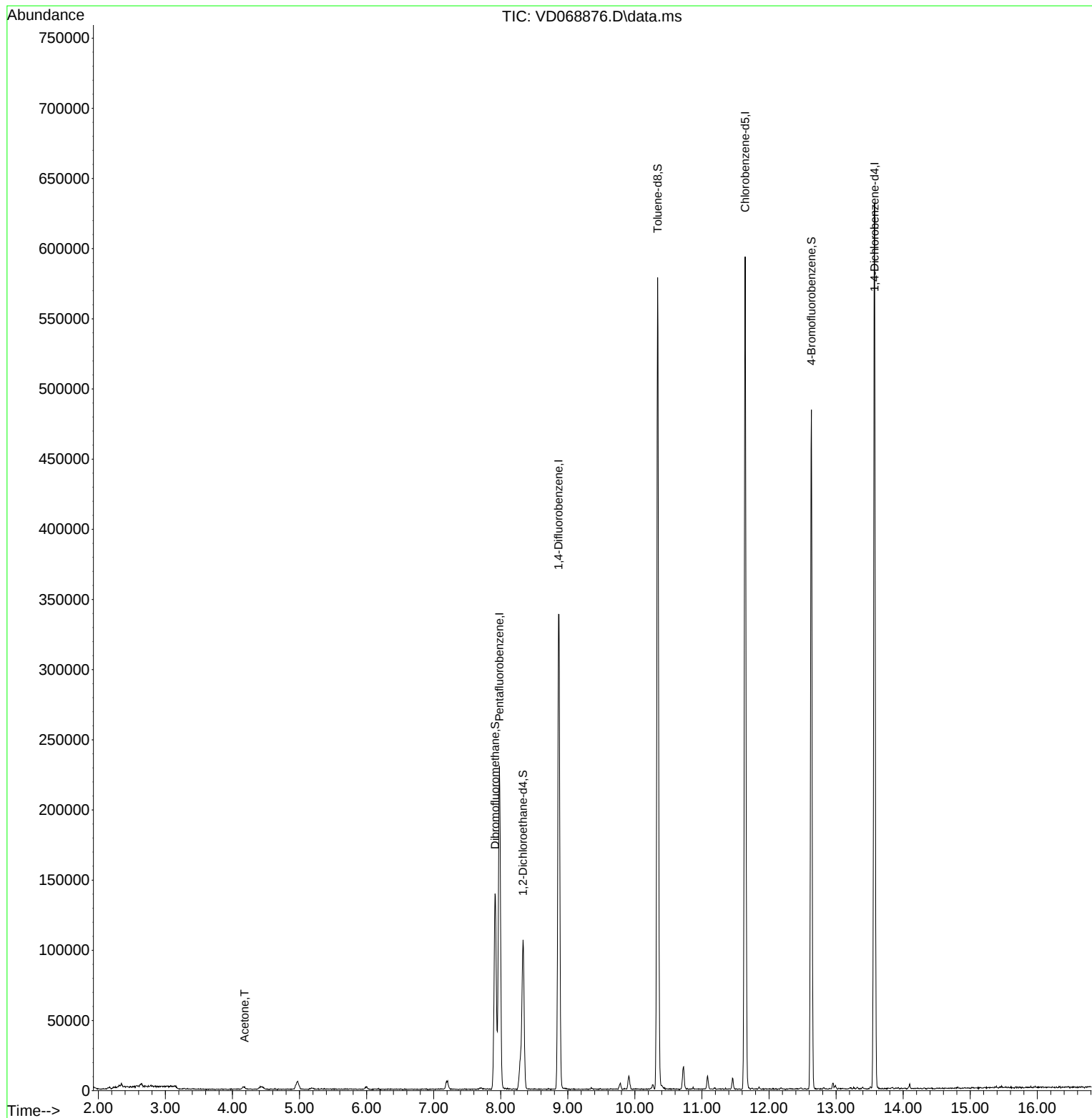
Internal Standards						
1) Pentafluorobenzene	7.979	168	176111	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	316501	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	350027	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	170520	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	83231	44.72	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.44%
35) Dibromofluoromethane	7.914	113	99265	48.22	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.44%
50) Toluene-d8	10.338	98	403644	51.98	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.96%
62) 4-Bromofluorobenzene	12.632	95	150174	58.22	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.44%
Target Compounds						
16) Acetone	4.179	43	3176	12.32	ug/l	Qvalue # 82

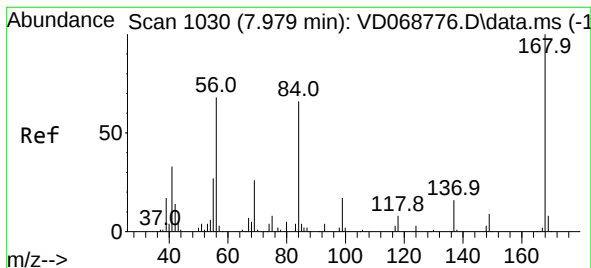
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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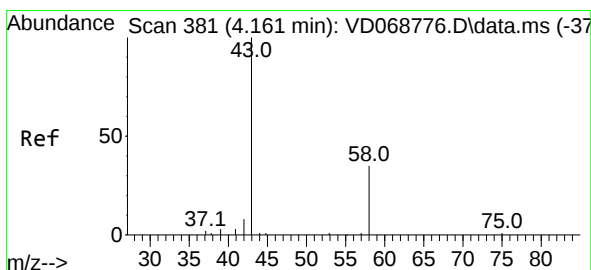
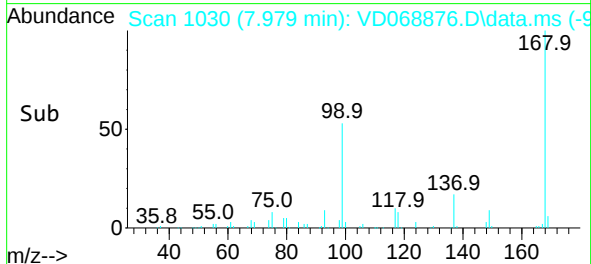
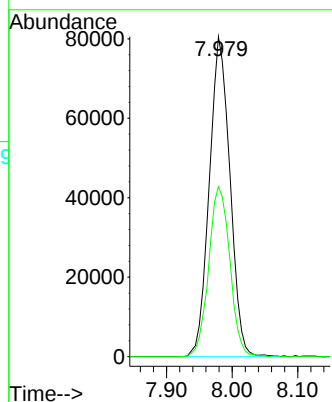
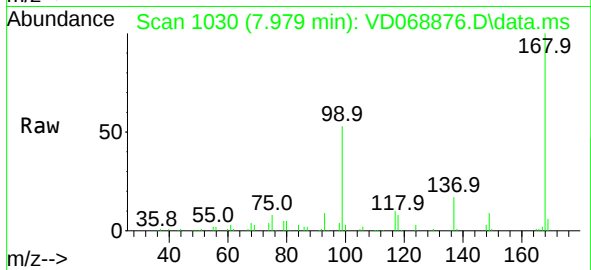




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068876.D
Acq: 16 Apr 2021 15:25

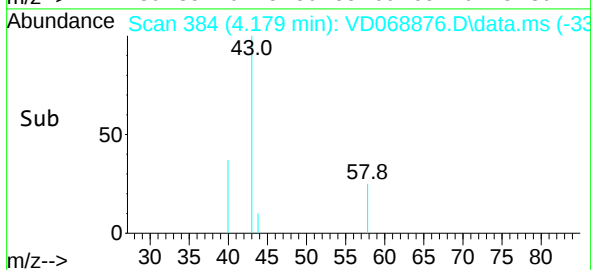
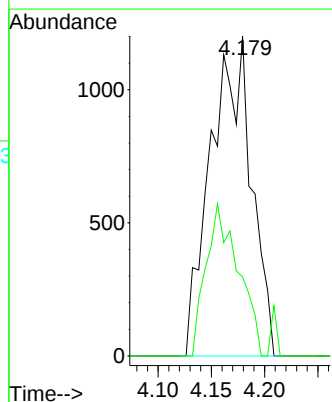
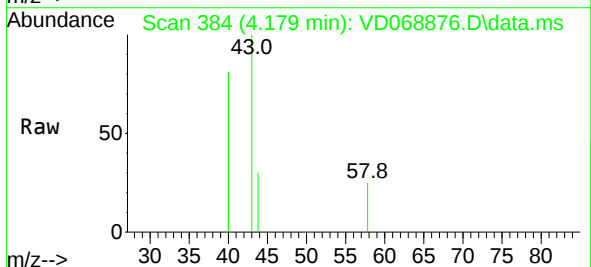
Instrument :
MSVOA_D
ClientSampleId :
SB-09-0-2.0

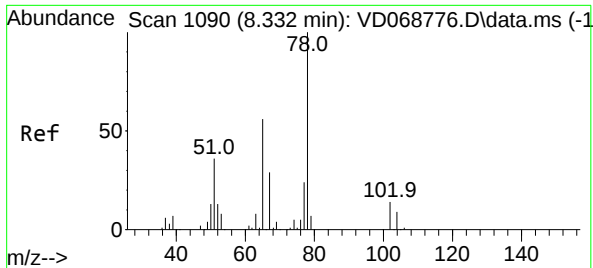
Tgt Ion:168 Resp: 176111
Ion Ratio Lower Upper
168 100
99 53.1 46.2 69.2



#16
Acetone
Concen: 12.32 ug/l
RT: 4.179 min Scan# 384
Delta R.T. 0.018 min
Lab File: VD068876.D
Acq: 16 Apr 2021 15:25

Tgt Ion: 43 Resp: 3176
Ion Ratio Lower Upper
43 100
58 24.7 28.0 42.0#

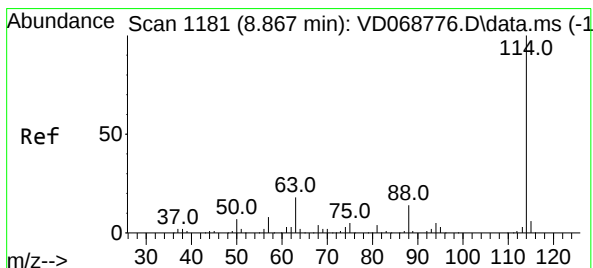
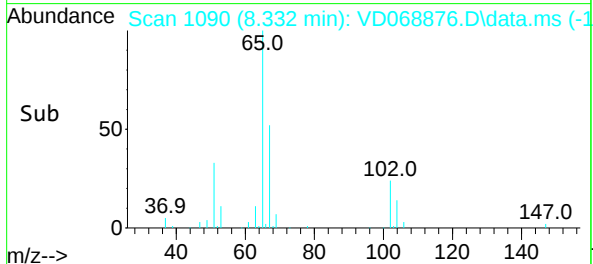
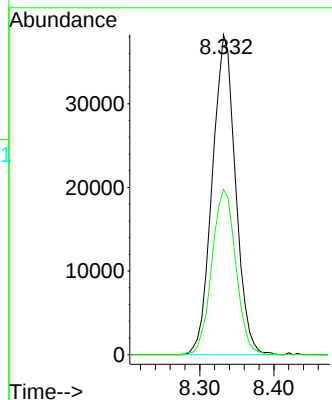
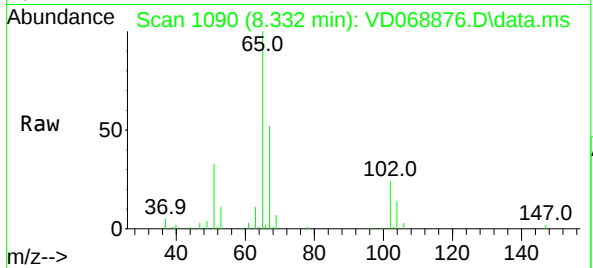




#33
1,2-Dichloroethane-d4
Concen: 44.72 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068876.D
Acq: 16 Apr 2021 15:25

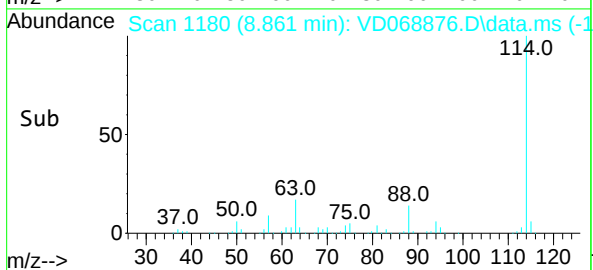
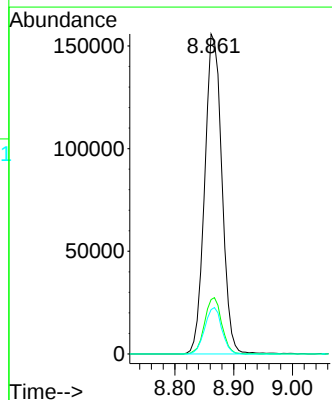
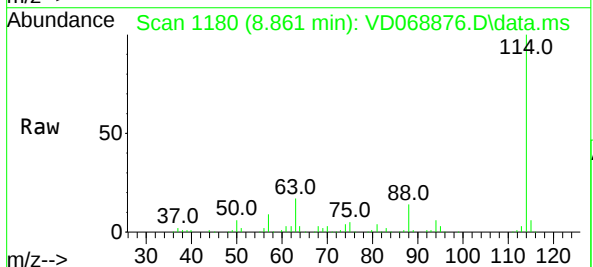
Instrument :
MSVOA_D
ClientSampleId :
SB-09-0-2.0

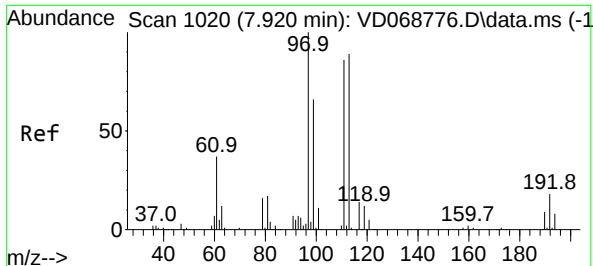
Tgt Ion: 65 Resp: 83231
Ion Ratio Lower Upper
65 100
67 53.3 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD068876.D
Acq: 16 Apr 2021 15:25

Tgt Ion: 114 Resp: 316501
Ion Ratio Lower Upper
114 100
63 17.0 0.0 38.2
88 13.9 0.0 29.4





#35

Dibromofluoromethane

Concen: 48.22 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068876.D

Acq: 16 Apr 2021 15:25

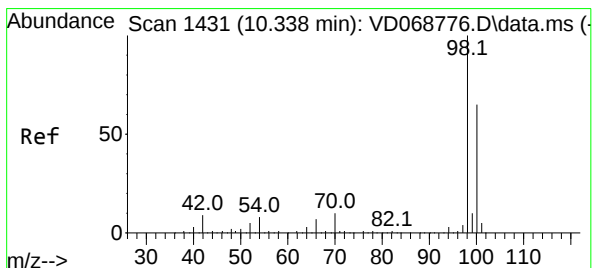
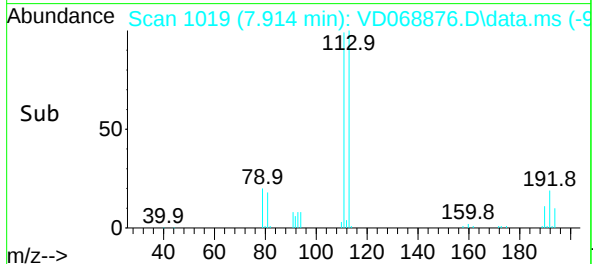
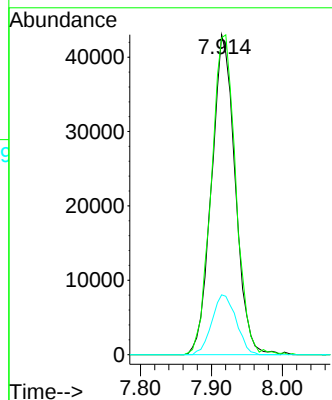
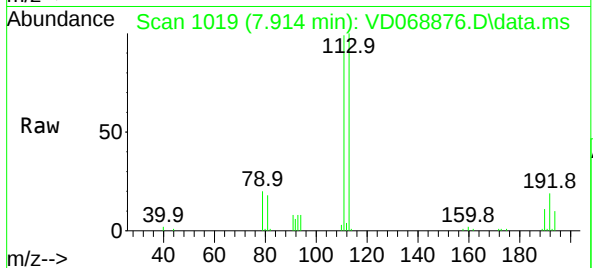
Tgt Ion:113 Resp: 99265

Ion Ratio Lower Upper

113 100

111 103.8 82.5 123.7

192 19.2 15.1 22.7



#50

Toluene-d8

Concen: 51.98 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD068876.D

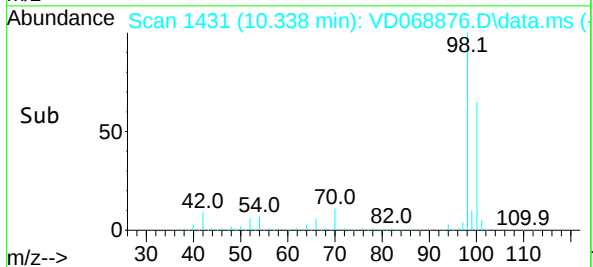
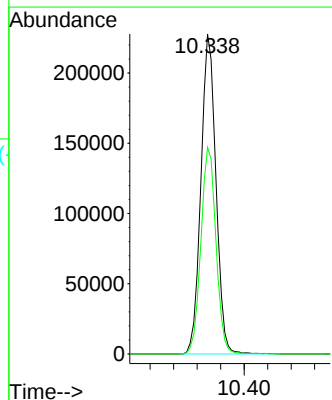
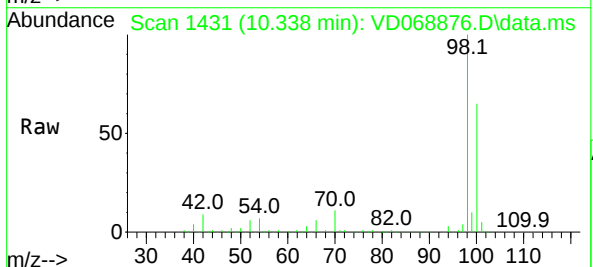
Acq: 16 Apr 2021 15:25

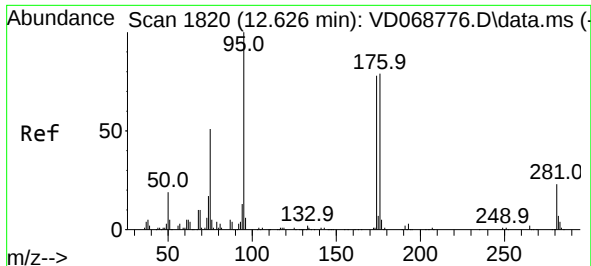
Tgt Ion: 98 Resp: 403644

Ion Ratio Lower Upper

98 100

100 65.0 51.8 77.6

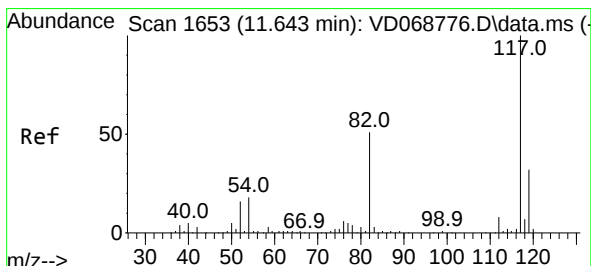
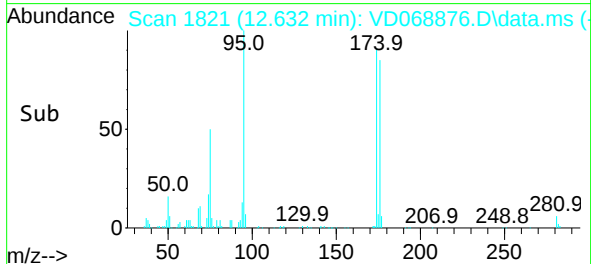
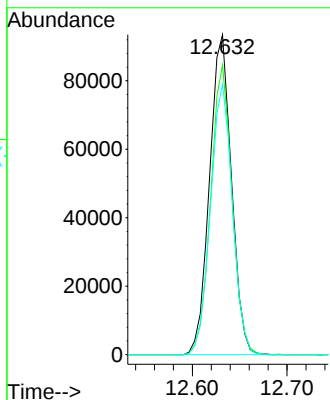
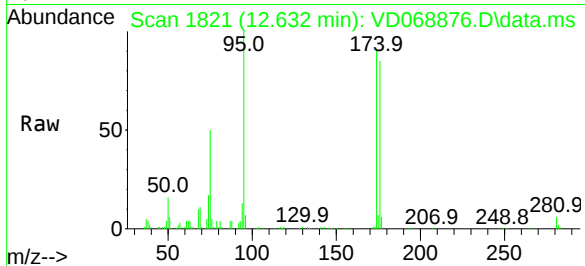




#62
4-Bromofluorobenzene
Concen: 58.22 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068876.D
Acq: 16 Apr 2021 15:25

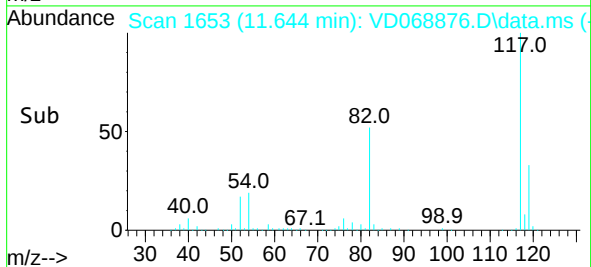
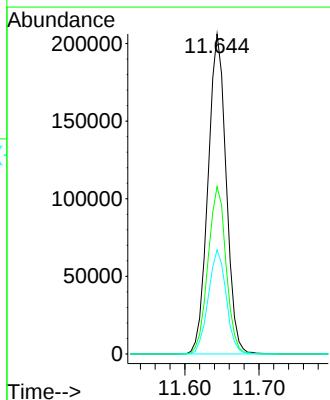
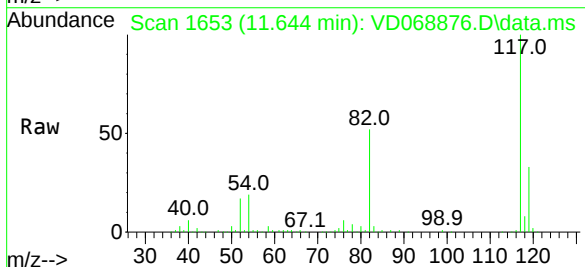
Instrument :
MSVOA_D
ClientSampleId :
SB-09-0-2.0

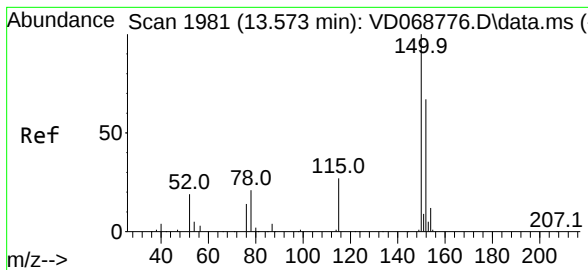
Tgt Ion: 95 Resp: 150174
Ion Ratio Lower Upper
95 100
174 88.0 0.0 168.0
176 84.6 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068876.D
Acq: 16 Apr 2021 15:25

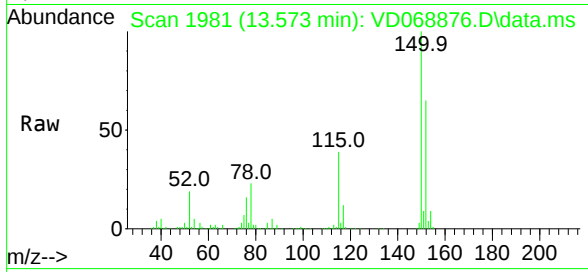
Tgt Ion: 117 Resp: 350027
Ion Ratio Lower Upper
117 100
82 52.3 43.5 65.3
119 32.5 26.7 40.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. -0.000 min
 Lab File: VD068876.D
 Acq: 16 Apr 2021 15:25

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-09-0-2.0



Tgt Ion:152 Resp: 170520
 Ion Ratio Lower Upper
 152 100
 115 58.5 29.3 87.8
 150 158.9 0.0 347.6

