

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051421\
 Data File : VD069180.D
 Acq On : 14 May 2021 16:51
 Operator : VA/SY
 Sample : M2411-11
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-RW8-GW-798-800

Quant Time: May 15 02:35:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

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

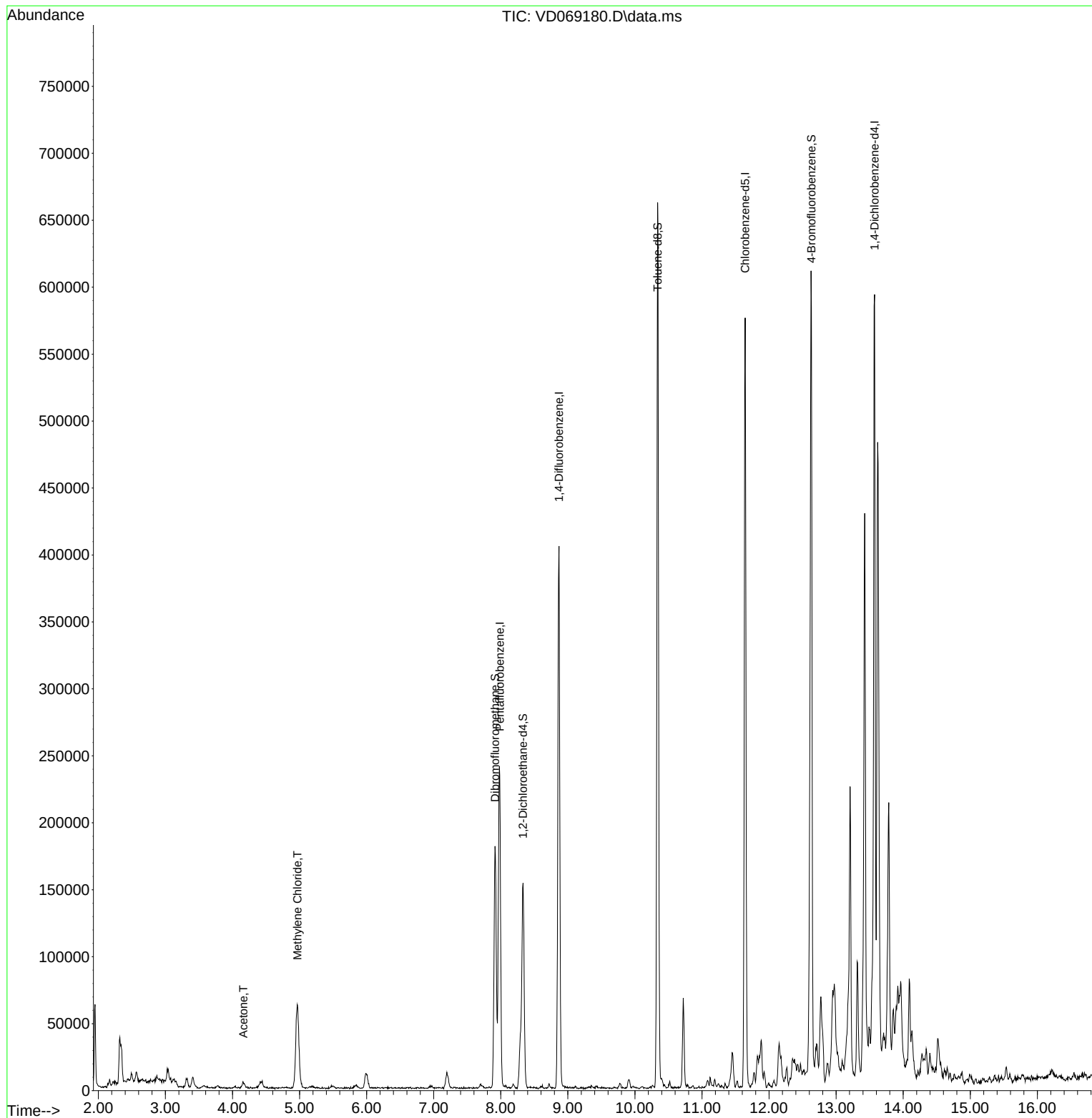
Internal Standards						
1) Pentafluorobenzene	7.985	168	180857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	358507	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	343593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	152273	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	119527	65.92	ug/l	0.00
Spiked Amount 50.000	Range	50 - 163	Recovery	= 131.84%		
35) Dibromofluoromethane	7.914	113	128198	54.95	ug/l	0.00
Spiked Amount 50.000	Range	54 - 147	Recovery	= 109.90%		
50) Toluene-d8	10.337	98	451379	52.65	ug/l	0.00
Spiked Amount 50.000	Range	49 - 140	Recovery	= 105.30%		
62) 4-Bromofluorobenzene	12.631	95	150073	54.41	ug/l	0.00
Spiked Amount 50.000	Range	25 - 144	Recovery	= 108.82%		
Target Compounds						
						Qvalue
16) Acetone	4.161	43	7306	26.31	ug/l	90
20) Methylene Chloride	4.967	84	53265	17.71	ug/l	92

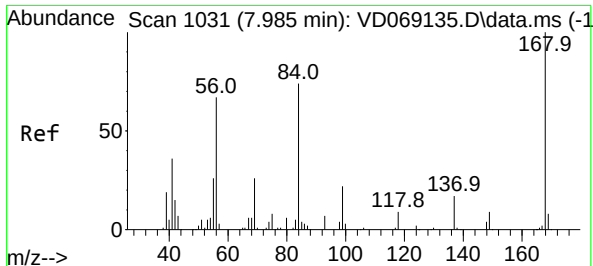
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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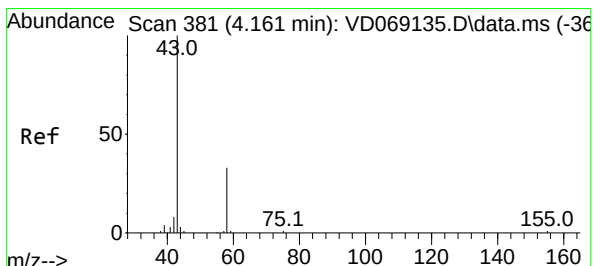
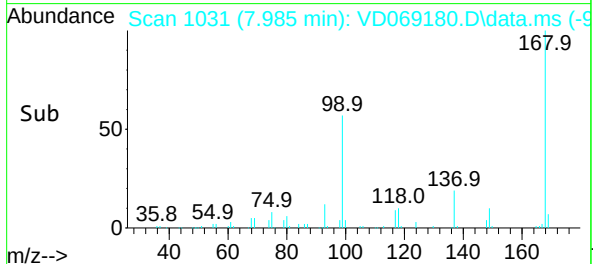
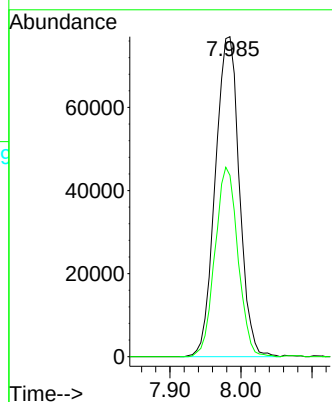
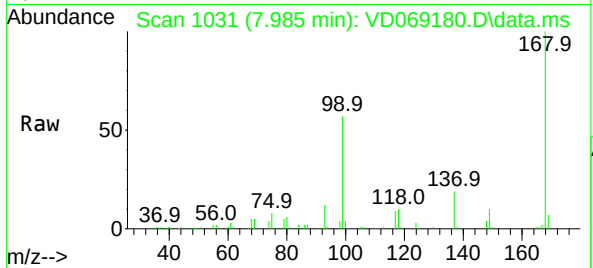




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD069180.D
Acq: 14 May 2021 16:51

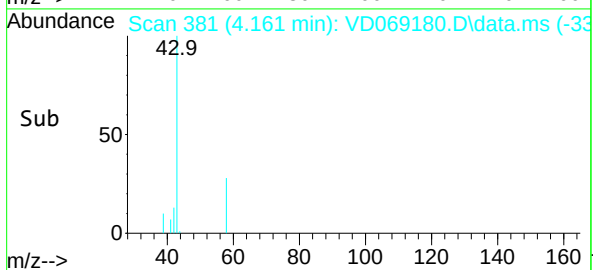
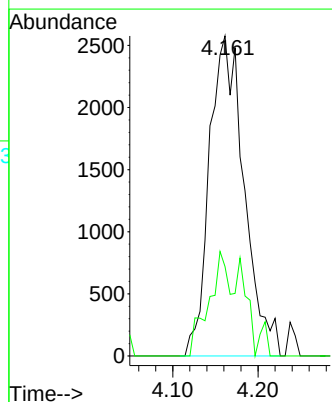
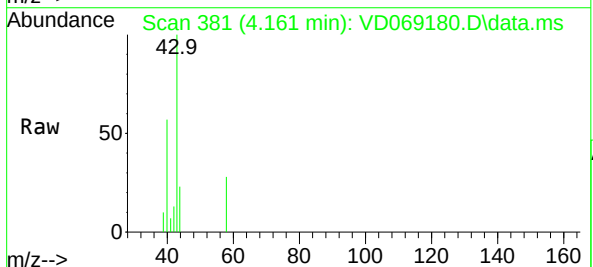
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW8-GW-798-800

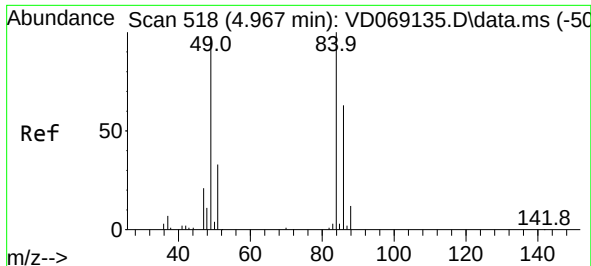
Tgt Ion:168 Resp: 180857
Ion Ratio Lower Upper
168 100
99 56.7 47.2 70.8



#16
Acetone
Concen: 26.31 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD069180.D
Acq: 14 May 2021 16:51

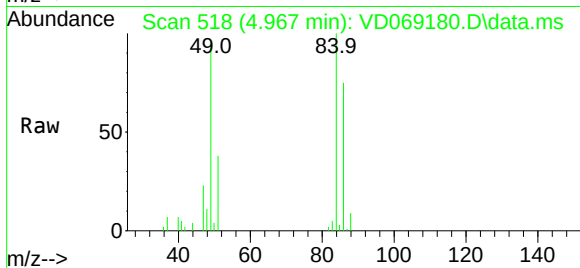
Tgt Ion: 43 Resp: 7306
Ion Ratio Lower Upper
43 100
58 28.0 26.7 40.1



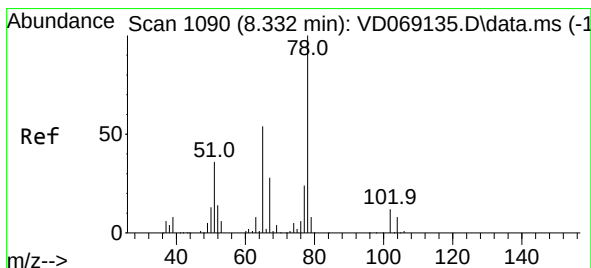
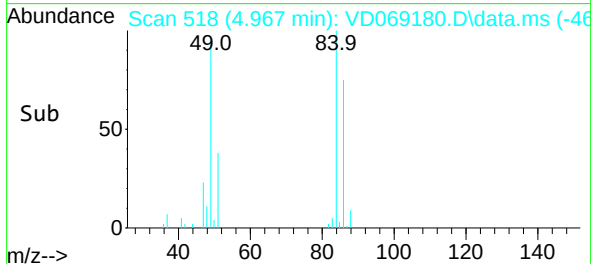
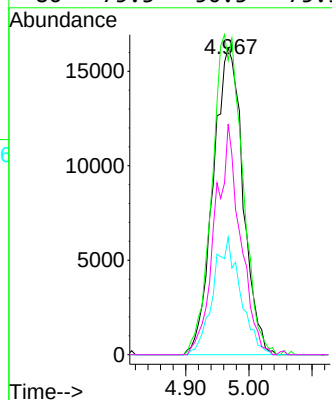


#20
Methylene Chloride
Concen: 17.71 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD069180.D
Acq: 14 May 2021 16:51

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW8-GW-798-800

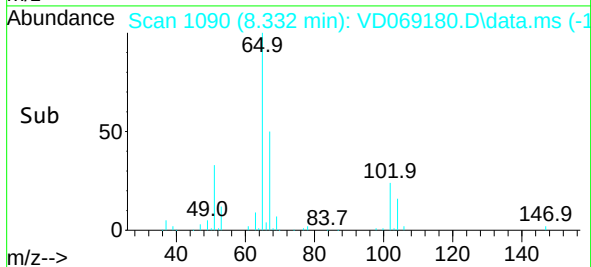
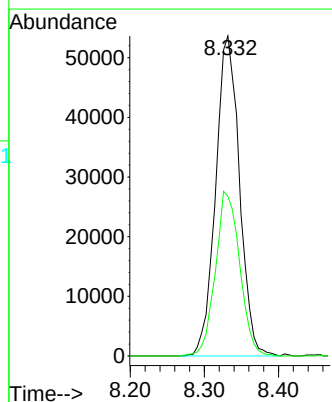
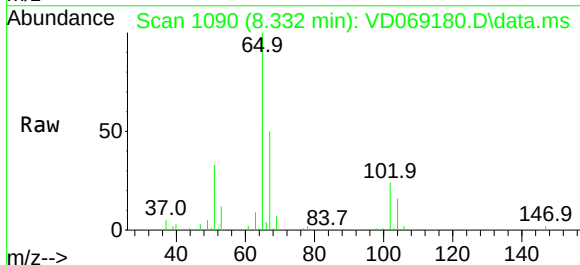


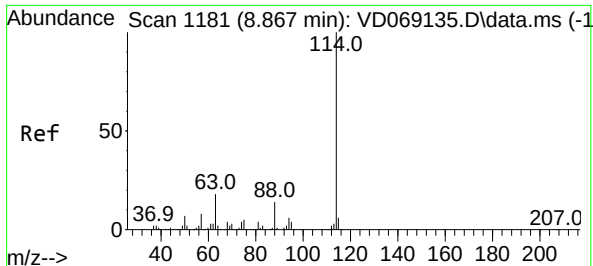
Tgt Ion: 84	Resp: 53265
Ion Ratio	Lower Upper
84 100	
49 96.0	78.6 117.8
51 38.3	26.7 40.1
86 75.3	50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 65.92 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069180.D
Acq: 14 May 2021 16:51

Tgt Ion: 65	Resp: 119527
Ion Ratio	Lower Upper
65 100	
67 52.5	0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VD069180.D

Acq: 14 May 2021 16:51

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-RW8-GW-798-800

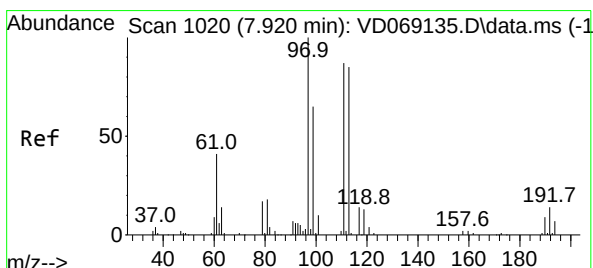
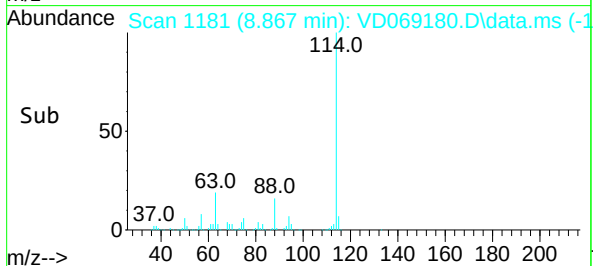
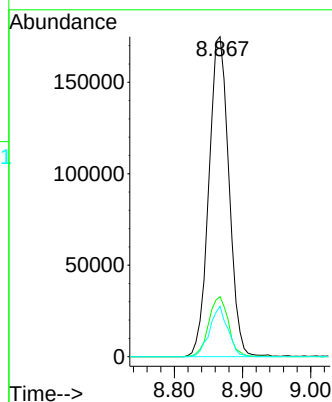
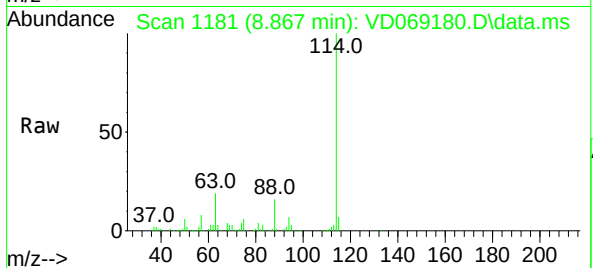
Tgt Ion:114 Resp: 358507

Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.4

88 15.7 0.0 28.2



#35

Dibromofluoromethane

Concen: 54.95 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD069180.D

Acq: 14 May 2021 16:51

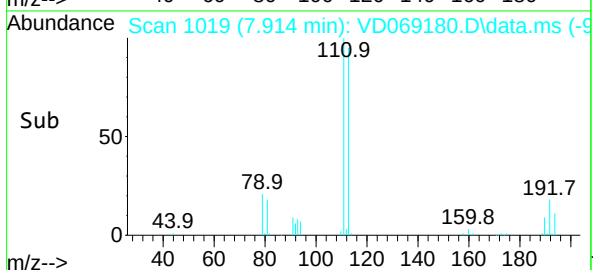
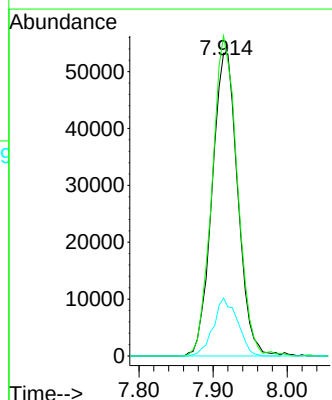
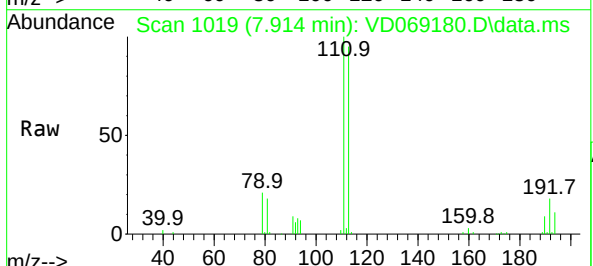
Tgt Ion:113 Resp: 128198

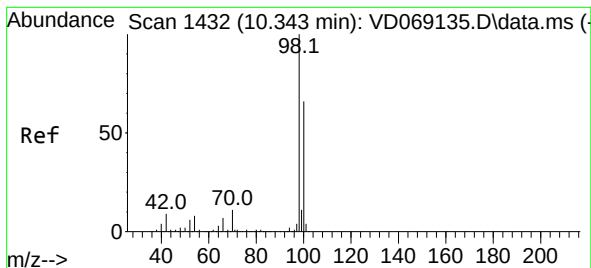
Ion Ratio Lower Upper

113 100

111 104.3 80.6 120.8

192 18.0 14.8 22.2

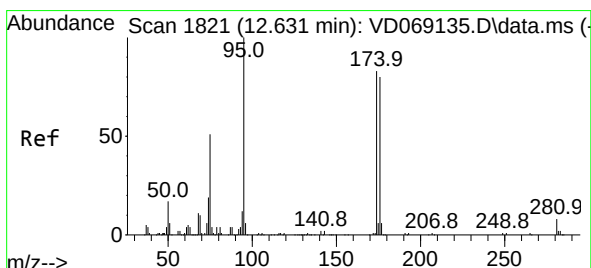
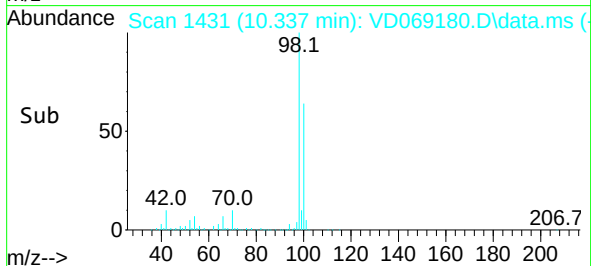
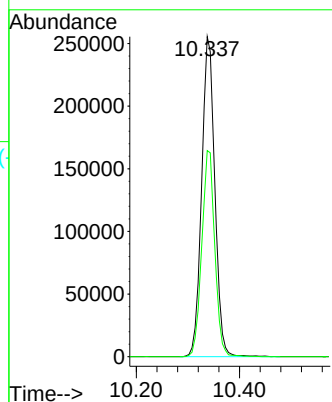
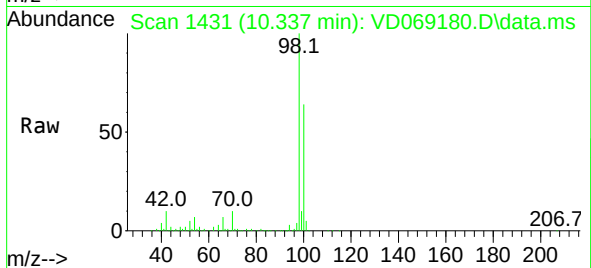




#50
Toluene-d8
Concen: 52.65 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069180.D
Acq: 14 May 2021 16:51

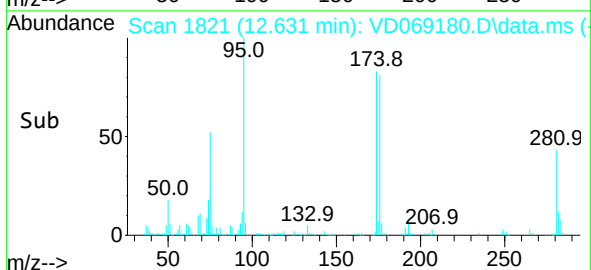
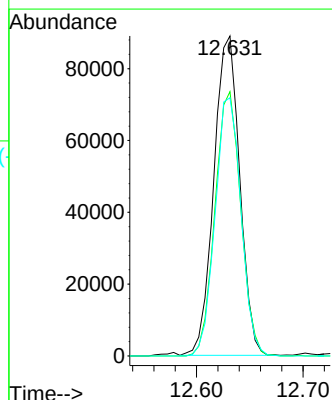
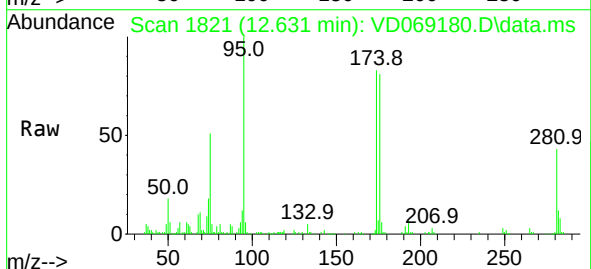
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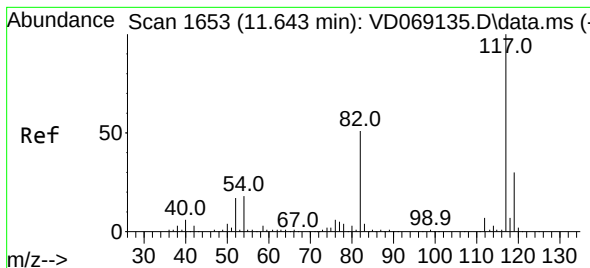
Tgt Ion: 98 Resp: 451379
Ion Ratio Lower Upper
98 100
100 63.7 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 54.41 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD069180.D
Acq: 14 May 2021 16:51

Tgt Ion: 95 Resp: 150073
Ion Ratio Lower Upper
95 100
174 82.4 0.0 171.8
176 80.9 0.0 165.4

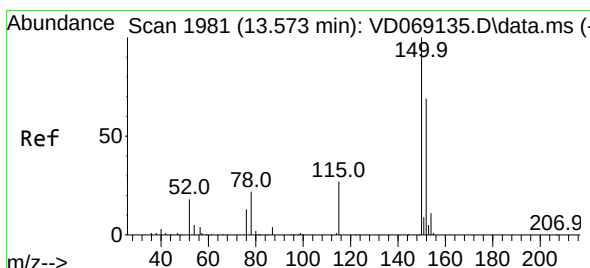
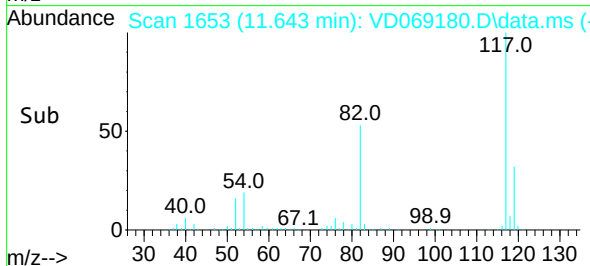
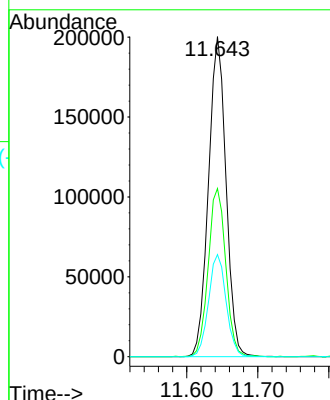
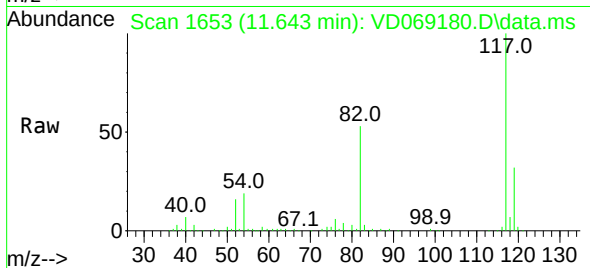




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069180.D
Acq: 14 May 2021 16:51

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW8-GW-798-800

Tgt Ion:117 Resp: 343593
Ion Ratio Lower Upper
117 100
82 52.6 40.5 60.7
119 31.9 24.2 36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD069180.D
Acq: 14 May 2021 16:51

Tgt Ion:152 Resp: 152273
Ion Ratio Lower Upper
152 100
115 59.3 29.9 89.8
150 155.9 0.0 350.2

