

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060421\
 Data File : VD069355.D
 Acq On : 04 Jun 2021 19:37
 Operator : VA/SY
 Sample : M2612-08
 Misc : 10.46G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 18-B12(34-38)

Quant Time: Jun 05 00:37:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

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

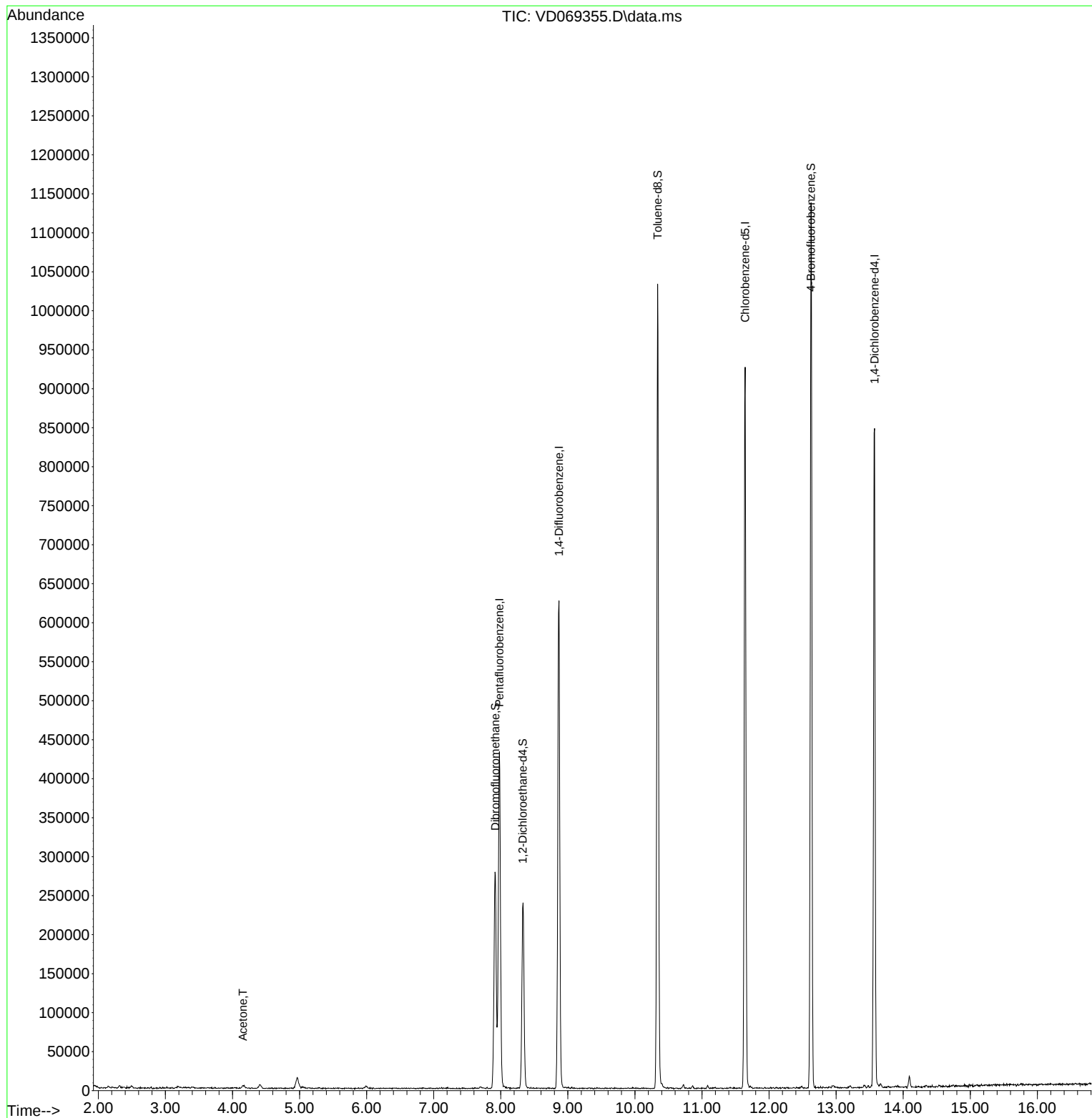
Internal Standards						
1) Pentafluorobenzene	7.979	168	318803	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	569896	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	568711	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	243019	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	189531	61.959	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 123.920%		
35) Dibromofluoromethane	7.920	113	200211	55.943	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 111.880%		
50) Toluene-d8	10.338	98	712262	54.731	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 109.460%		
62) 4-Bromofluorobenzene	12.626	95	240009	56.283	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 112.560%		
Target Compounds						
16) Acetone	4.156	43	6294	11.791	ug/l	Qvalue 89

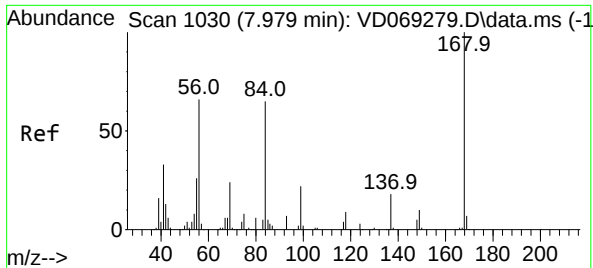
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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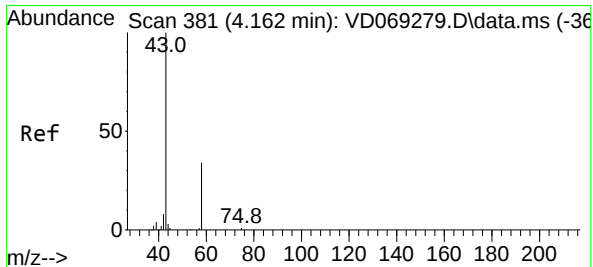
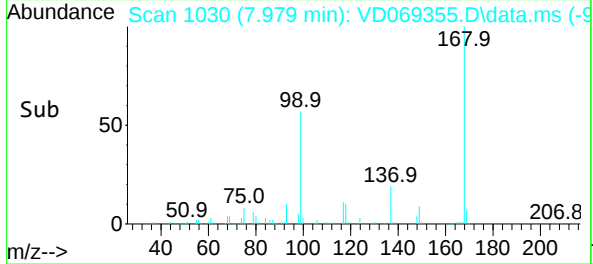
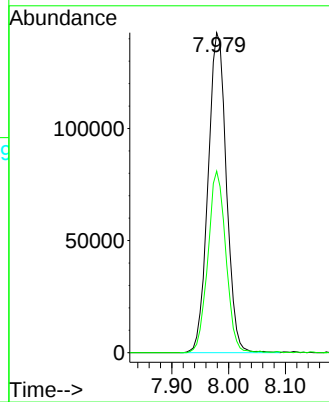
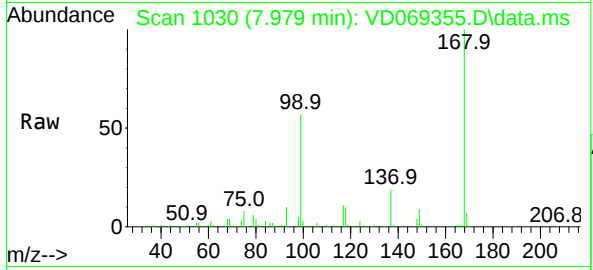




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069355.D
Acq: 04 Jun 2021 19:37

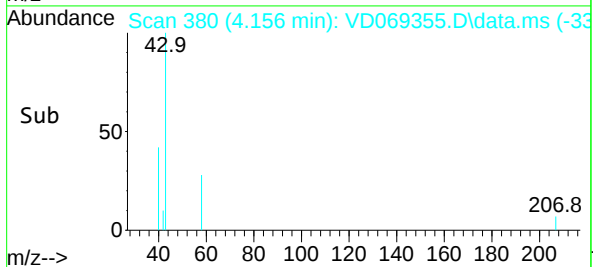
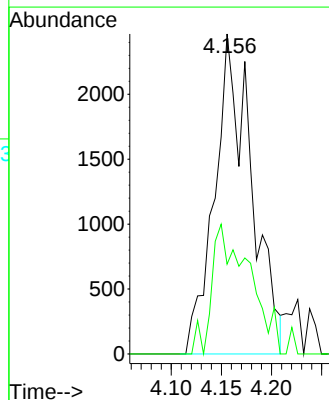
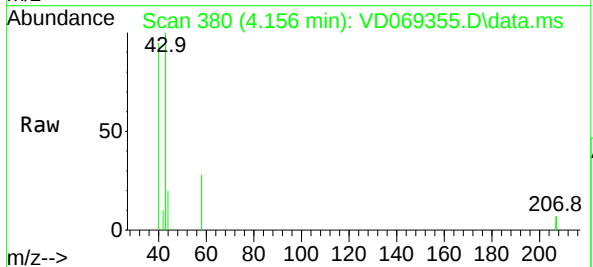
Instrument :
MSVOA_D
ClientSampleId :
18-B12(34-38)

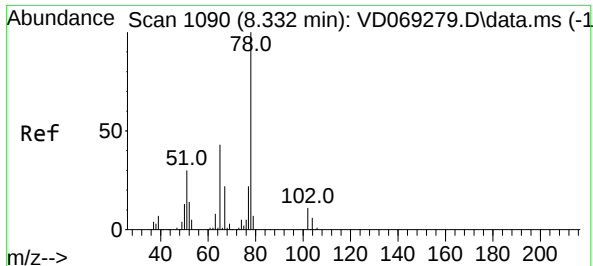
Tgt Ion:168 Resp: 318803
Ion Ratio Lower Upper
168 100
99 56.8 46.2 69.2



#16
Acetone
Concen: 11.791 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069355.D
Acq: 04 Jun 2021 19:37

Tgt Ion: 43 Resp: 6294
Ion Ratio Lower Upper
43 100
58 28.1 27.5 41.3



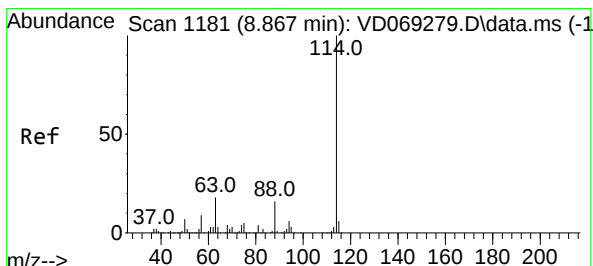
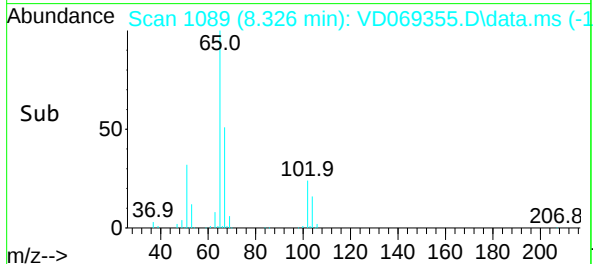
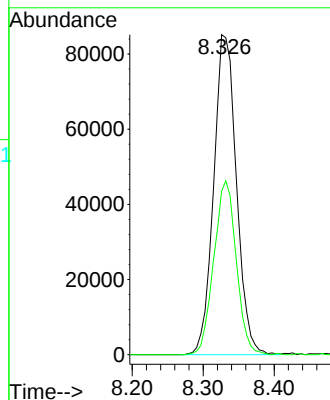
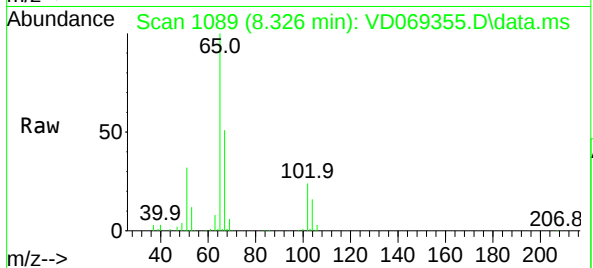


#33

1,2-Dichloroethane-d4
Concen: 61.959 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069355.D
Acq: 04 Jun 2021 19:37

Instrument :
MSVOA_D
ClientSampleId :
18-B12(34-38)

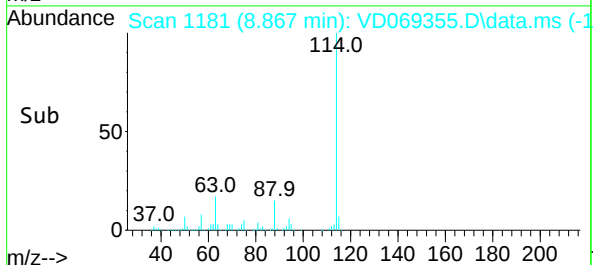
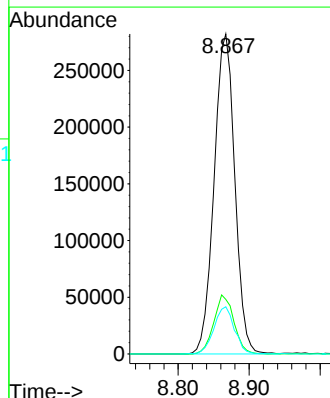
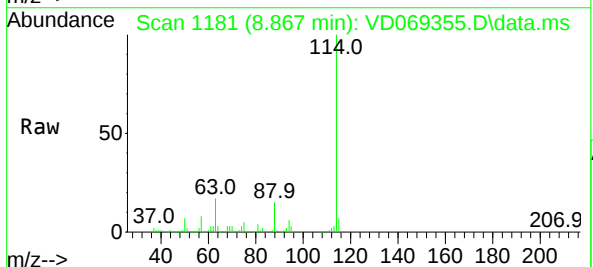
Tgt Ion: 65 Resp: 189531
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.8

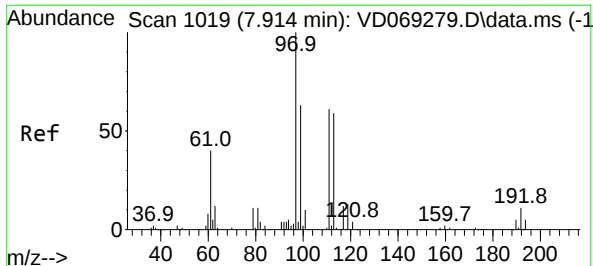


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069355.D
Acq: 04 Jun 2021 19:37

Tgt Ion: 114 Resp: 569896
Ion Ratio Lower Upper
114 100
63 17.1 0.0 35.6
88 14.7 0.0 31.2





#35

Dibromofluoromethane

Concen: 55.943 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.006 min

Lab File: VD069355.D

Acq: 04 Jun 2021 19:37

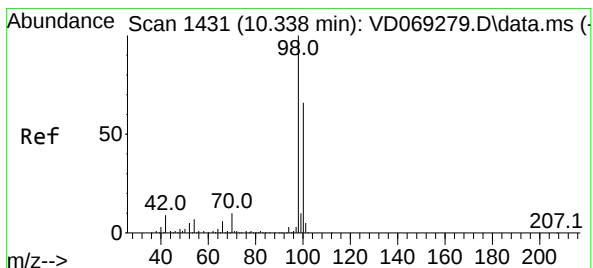
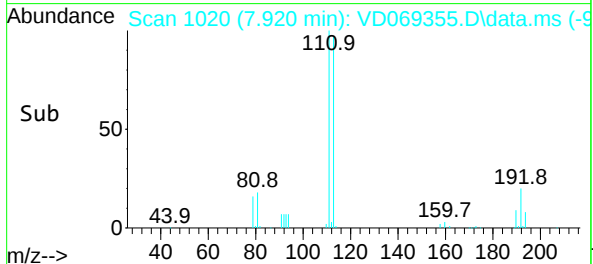
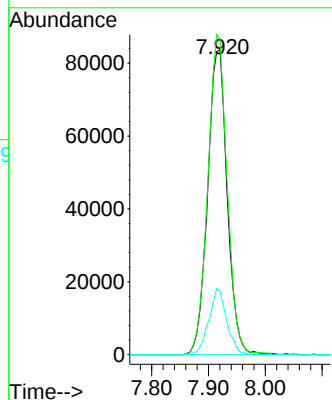
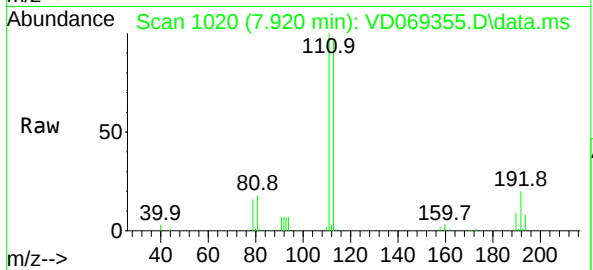
Tgt Ion:113 Resp: 200211

Ion Ratio Lower Upper

113 100

111 103.8 83.0 124.6

192 19.7 15.1 22.7



#50

Toluene-d8

Concen: 54.731 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD069355.D

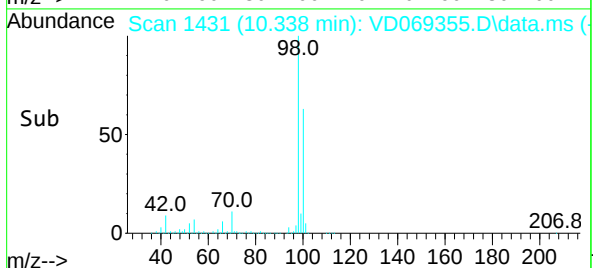
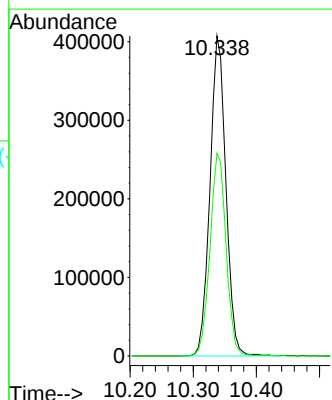
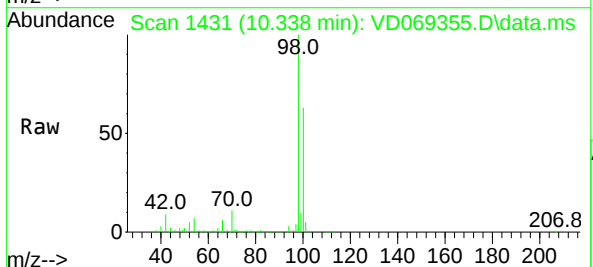
Acq: 04 Jun 2021 19:37

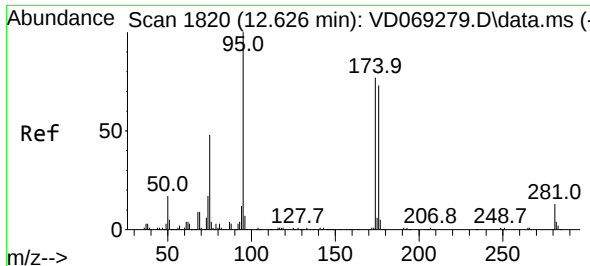
Tgt Ion: 98 Resp: 712262

Ion Ratio Lower Upper

98 100

100 64.1 52.1 78.1

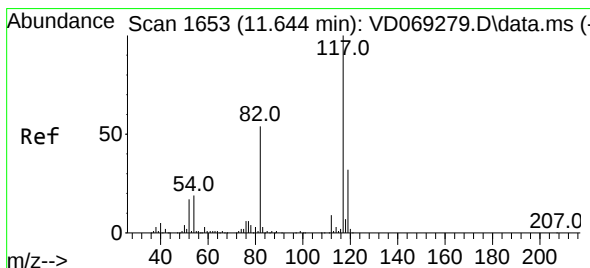
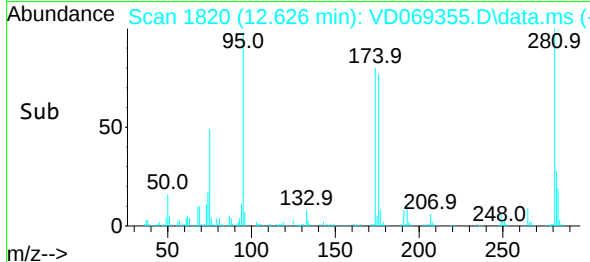
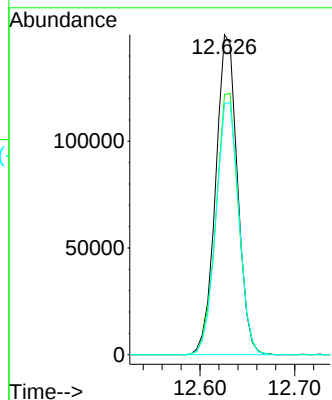
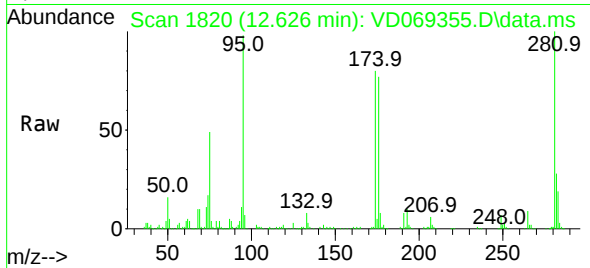




#62
4-Bromofluorobenzene
Concen: 56.283 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069355.D
Acq: 04 Jun 2021 19:37

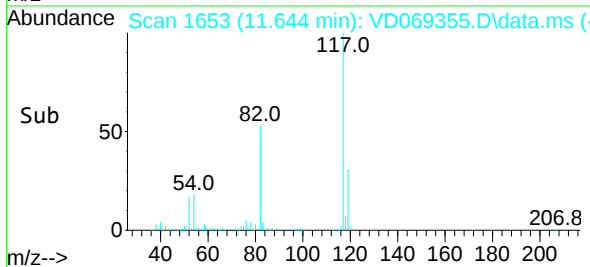
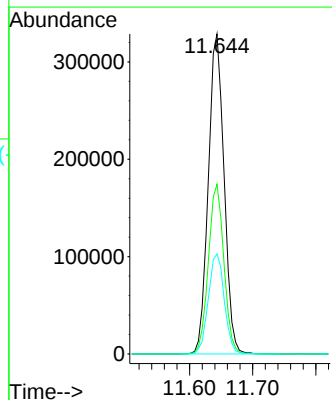
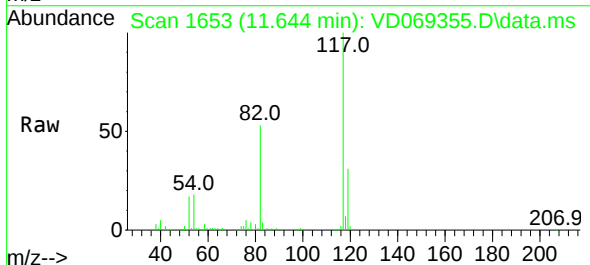
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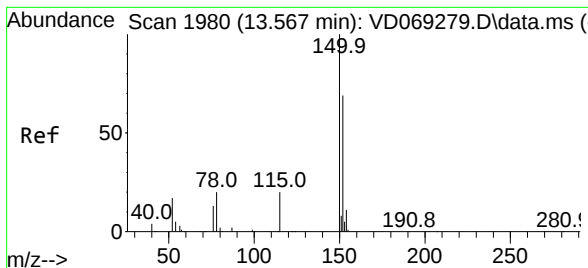
Tgt Ion:	95	Resp:	240009
Ion	Ratio	Lower	Upper
95	100		
174	84.3	0.0	162.8
176	83.1	0.0	154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069355.D
Acq: 04 Jun 2021 19:37

Tgt Ion:	117	Resp:	568711
Ion	Ratio	Lower	Upper
117	100		
82	53.0	43.3	64.9
119	31.3	25.3	37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. 0.006 min
 Lab File: VD069355.D
 Acq: 04 Jun 2021 19:37

Instrument :
 MSVOA_D
 ClientSampleId :
 18-B12(34-38)

Tgt Ion:152 Resp: 243019

Ion	Ratio	Lower	Upper
152	100		
115	56.4	29.4	88.3
150	157.2	0.0	355.0

