

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070621\
 Data File : VD069596.D
 Acq On : 06 Jul 2021 21:55
 Operator : VA/SY
 Sample : M2946-03
 Misc : 5.81G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3

Quant Time: Jul 07 04:56:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 22 04:33:24 2021
 Response via : Initial Calibration

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

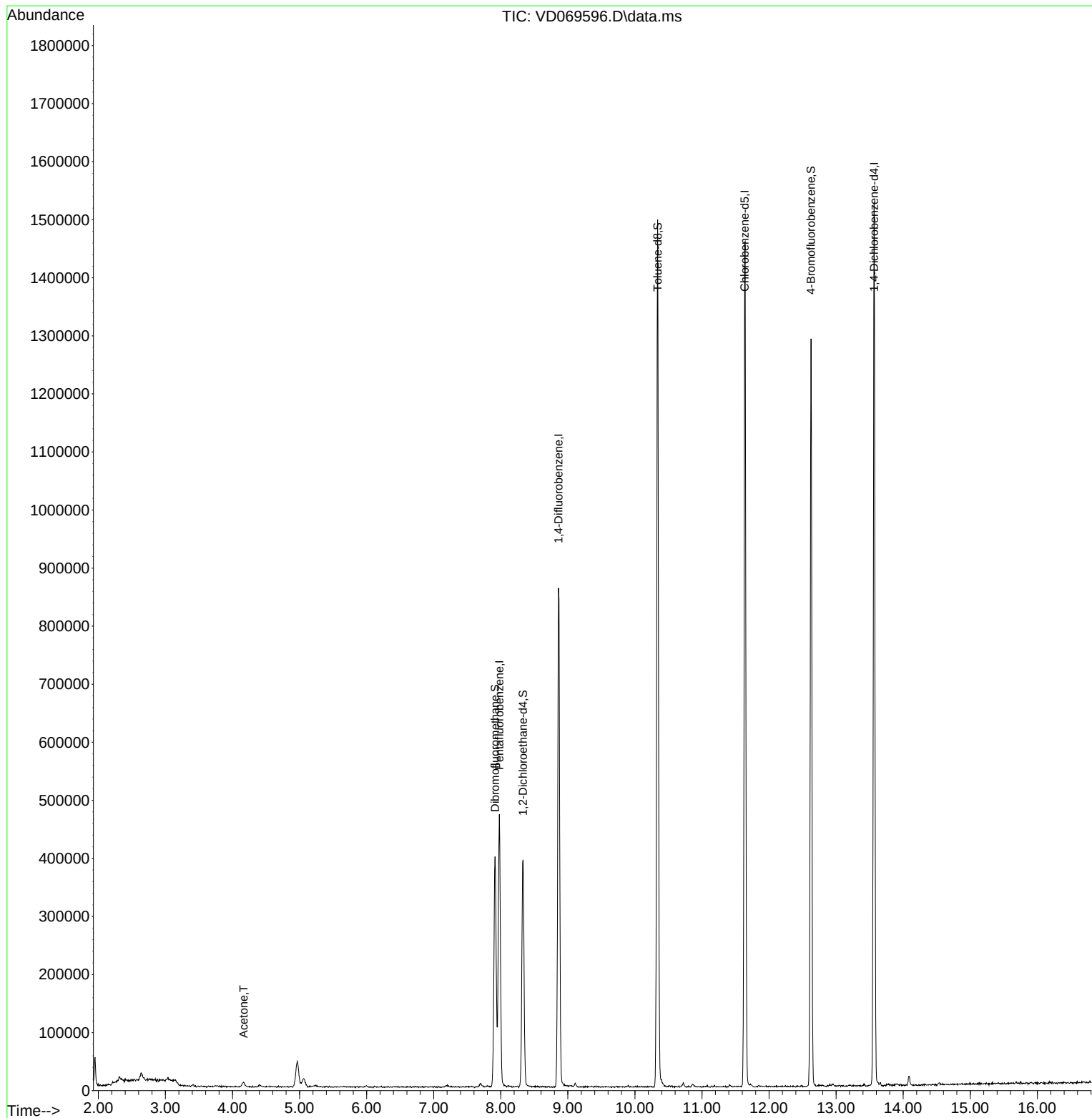
Internal Standards						
1) Pentafluorobenzene	7.979	168	316998	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	724613	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	861242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	385486	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	318576	80.625	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 161.260%	
35) Dibromofluoromethane	7.914	113	293601	59.940	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.880%	
50) Toluene-d8	10.338	98	1010796	55.015	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.040%	
62) 4-Bromofluorobenzene	12.626	95	386305	63.955	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 127.920%	
Target Compounds						
					Qvalue	
16) Acetone	4.167	43	13278	19.965	ug/l	93

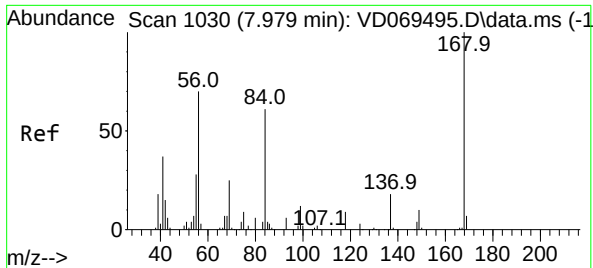
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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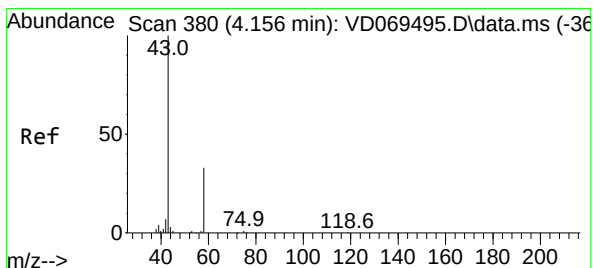
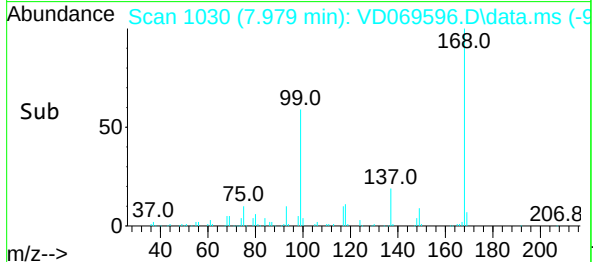
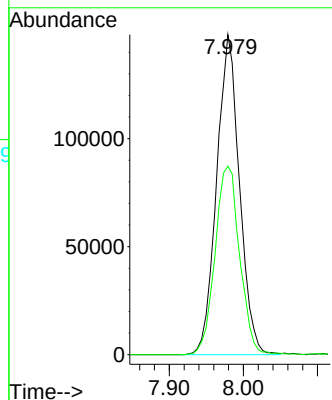
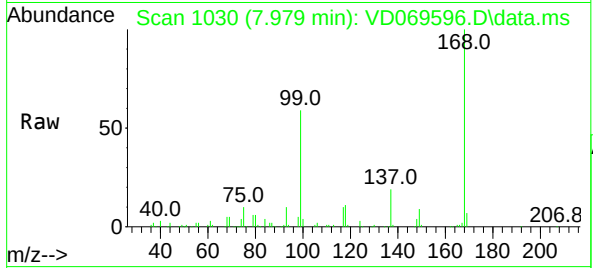




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069596.D
Acq: 06 Jul 2021 21:55

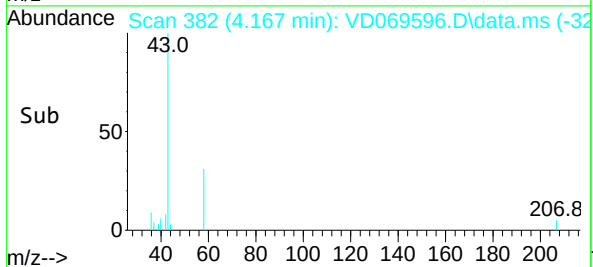
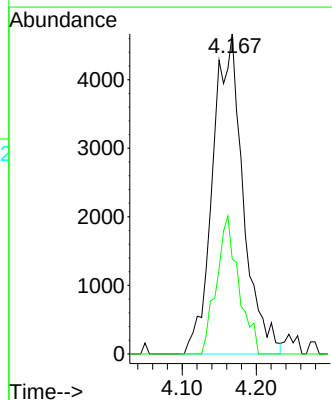
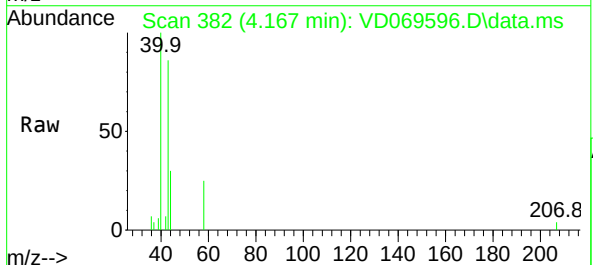
Instrument :
MSVOA_D
ClientSampled :
SB-3

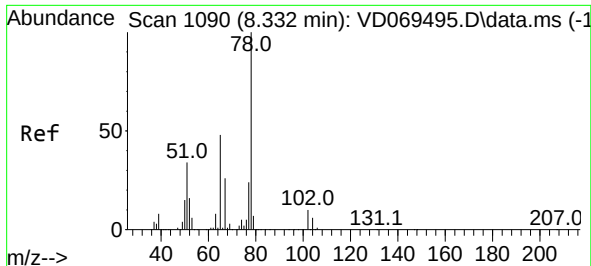
Tgt Ion:168 Resp: 316998
Ion Ratio Lower Upper
168 100
99 58.9 49.3 73.9



#16
Acetone
Concen: 19.965 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD069596.D
Acq: 06 Jul 2021 21:55

Tgt Ion: 43 Resp: 13278
Ion Ratio Lower Upper
43 100
58 29.7 26.8 40.2

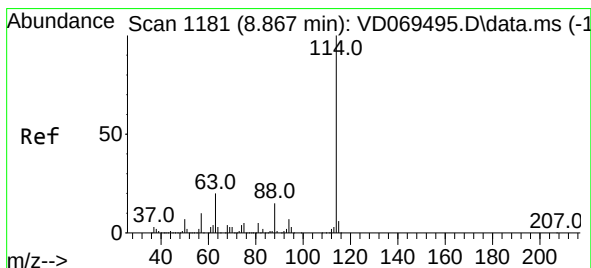
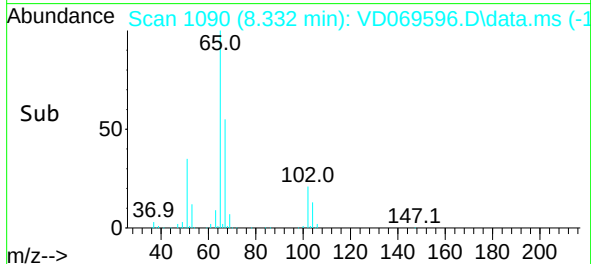
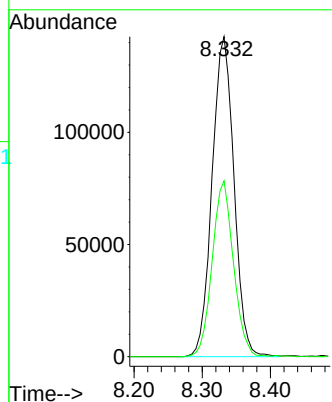
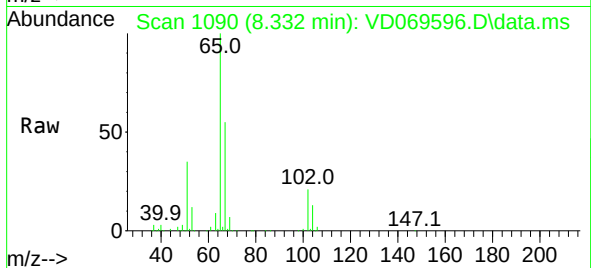




#33
1,2-Dichloroethane-d4
Concen: 80.625 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069596.D
Acq: 06 Jul 2021 21:55

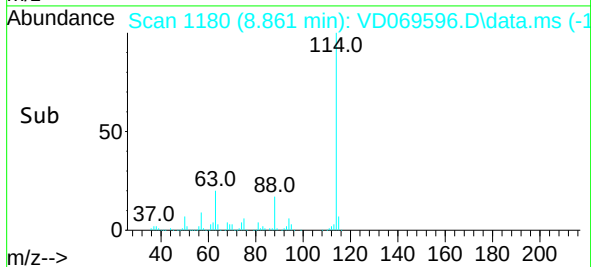
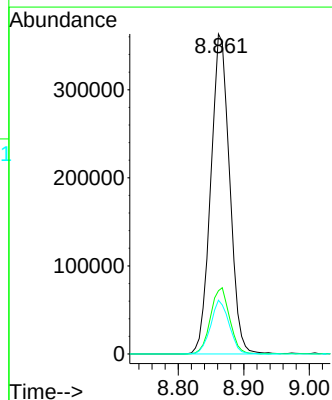
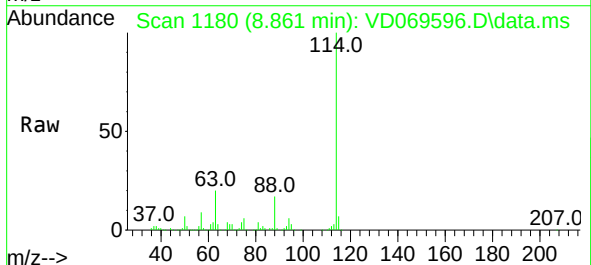
Instrument :
MSVOA_D
ClientSampled :
SB-3

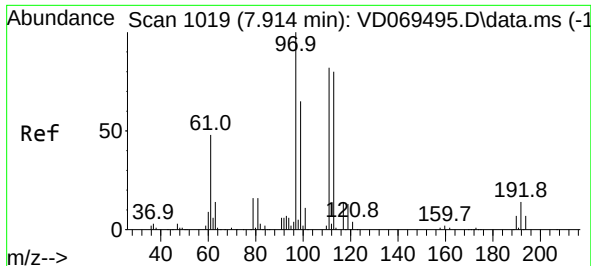
Tgt Ion: 65 Resp: 318576
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069596.D
Acq: 06 Jul 2021 21:55

Tgt Ion: 114 Resp: 724613
Ion Ratio Lower Upper
114 100
63 19.7 0.0 39.6
88 16.8 0.0 29.8





#35

Dibromofluoromethane

Concen: 59.940 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD069596.D

Acq: 06 Jul 2021 21:55

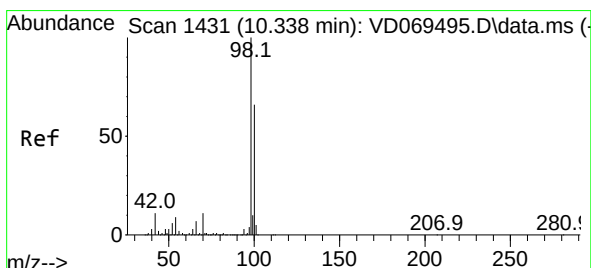
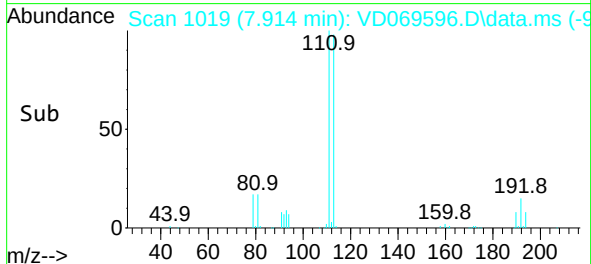
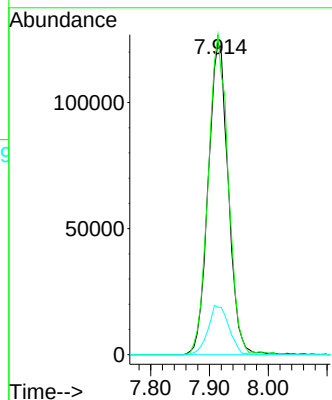
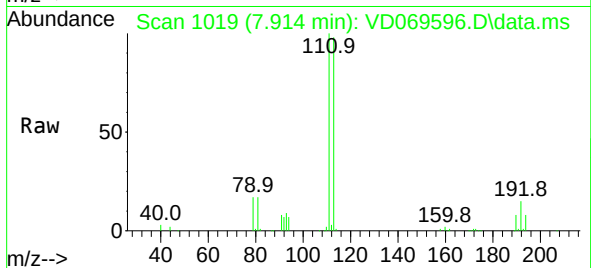
Tgt Ion:113 Resp: 293601

Ion Ratio Lower Upper

113 100

111 102.6 81.8 122.8

192 16.4 13.8 20.6



#50

Toluene-d8

Concen: 55.015 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD069596.D

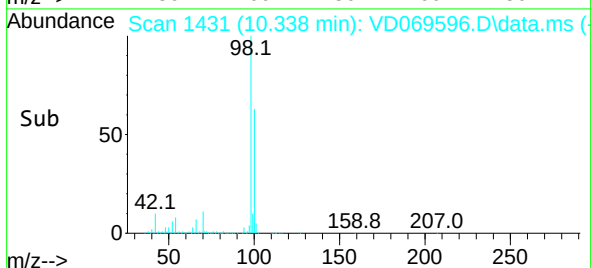
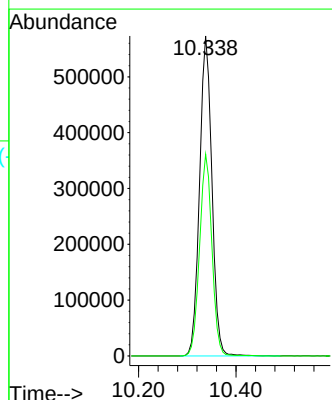
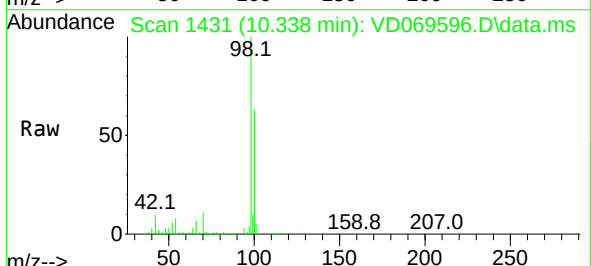
Acq: 06 Jul 2021 21:55

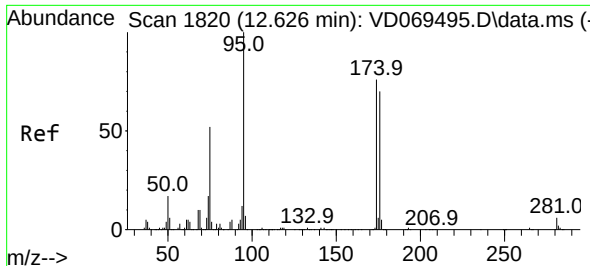
Tgt Ion: 98 Resp: 1010796

Ion Ratio Lower Upper

98 100

100 63.1 52.3 78.5

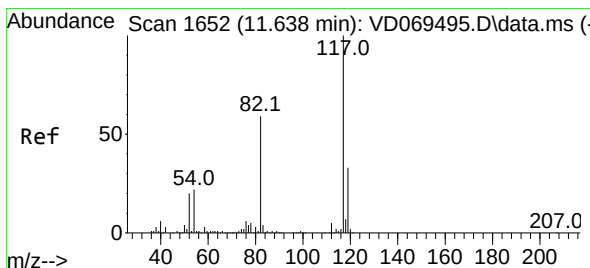
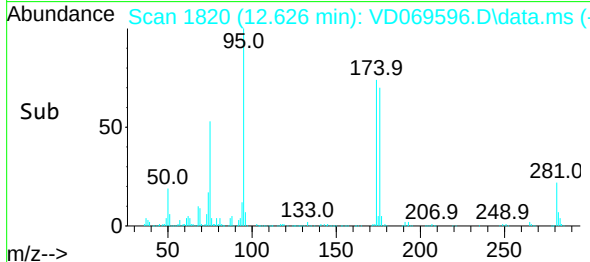
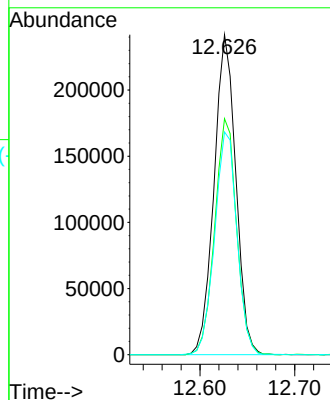
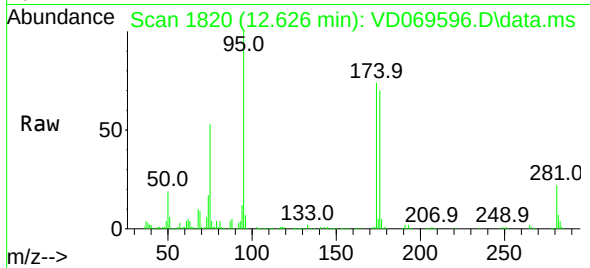




#62
4-Bromofluorobenzene
Concen: 63.955 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069596.D
Acq: 06 Jul 2021 21:55

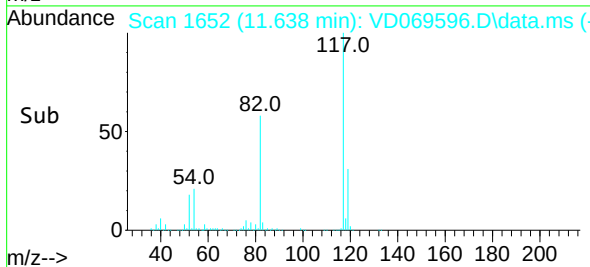
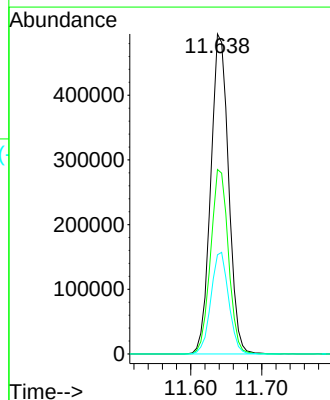
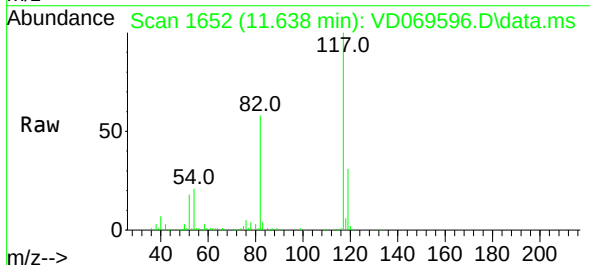
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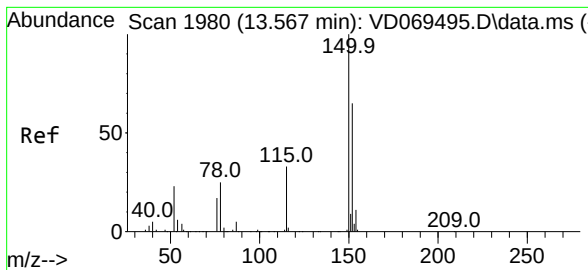
Tgt Ion: 95 Resp: 386305
Ion Ratio Lower Upper
95 100
174 74.2 0.0 148.0
176 71.2 0.0 139.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069596.D
Acq: 06 Jul 2021 21:55

Tgt Ion: 117 Resp: 861242
Ion Ratio Lower Upper
117 100
82 57.7 46.8 70.2
119 31.0 26.2 39.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD069596.D
 Acq: 06 Jul 2021 21:55

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3

Tgt Ion:152 Resp: 385486
 Ion Ratio Lower Upper
 152 100
 115 62.5 31.7 95.1
 150 160.4 0.0 350.8

