

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080921\
 Data File : VD070000.D
 Acq On : 09 Aug 2021 16:58
 Operator : VA/SY
 Sample : M3308-01RE
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-325RE

Quant Time: Aug 10 07:04:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

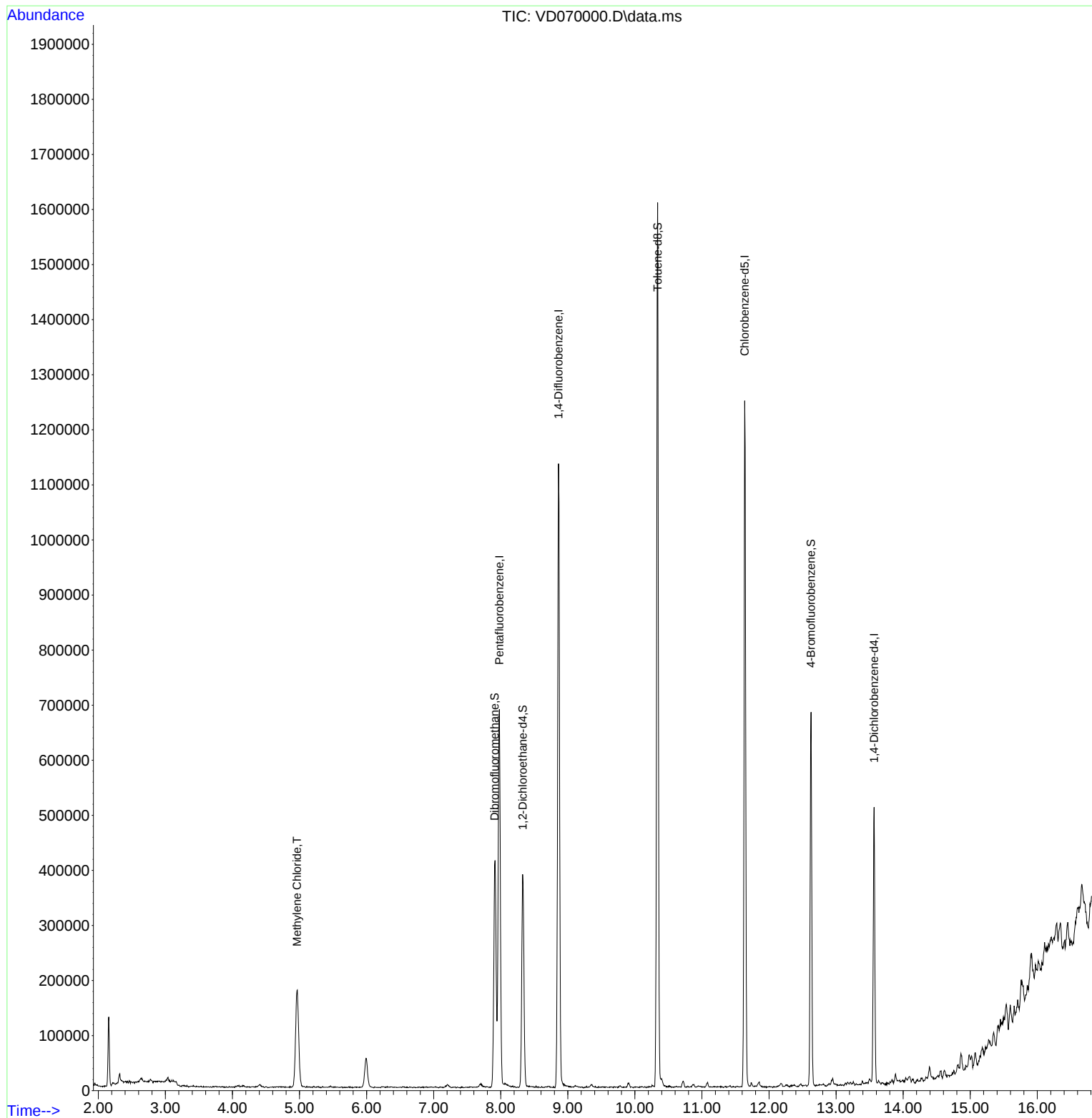
Internal Standards						
1) Pentafluorobenzene	7.979	168	483978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	963592	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	712366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	130516	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	303856	54.590	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.180%	
35) Dibromofluoromethane	7.908	113	309654	50.976	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.960%	
50) Toluene-d8	10.338	98	1080605	46.135	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 92.260%	
62) 4-Bromofluorobenzene	12.626	95	240044	30.665	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 61.320%	
Target Compounds						Qvalue
20) Methylene Chloride	4.962	84	144545	15.486	ug/l	96

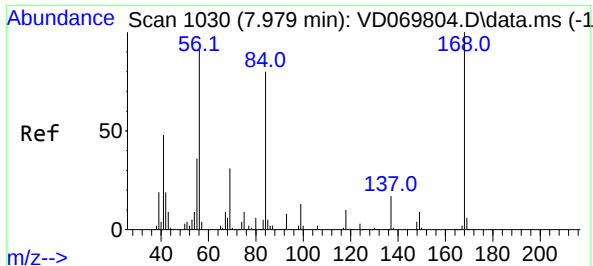
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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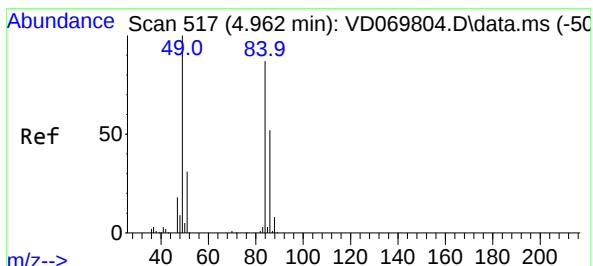
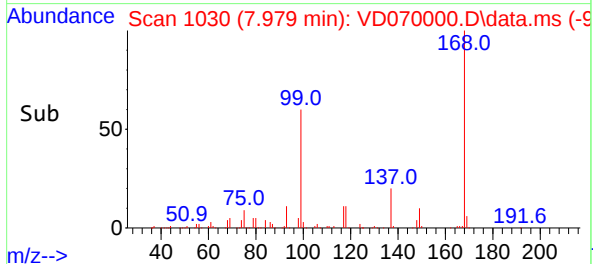
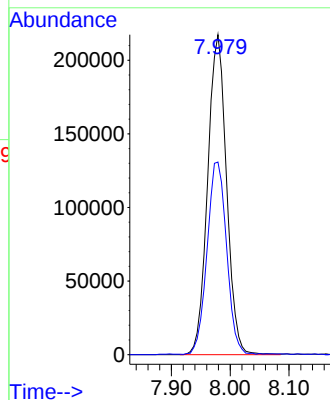
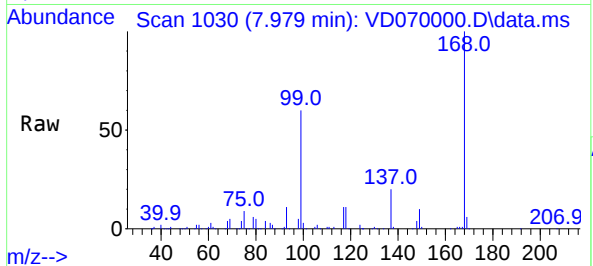




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070000.D
Acq: 09 Aug 2021 16:58

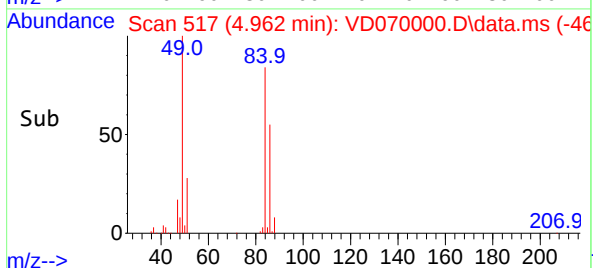
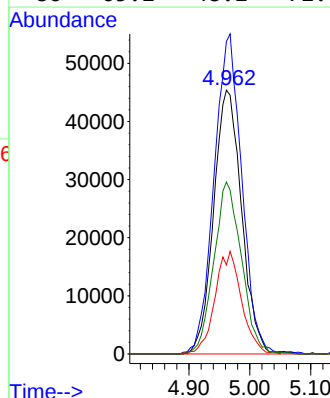
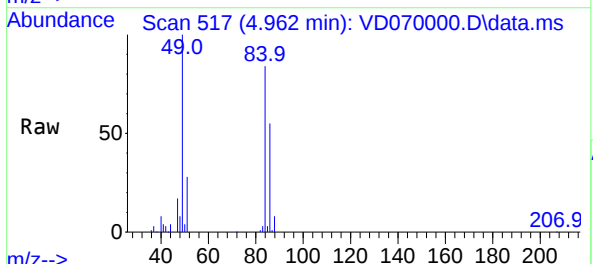
Instrument :
MSVOA_D
ClientSampleId :
ETGI-325RE

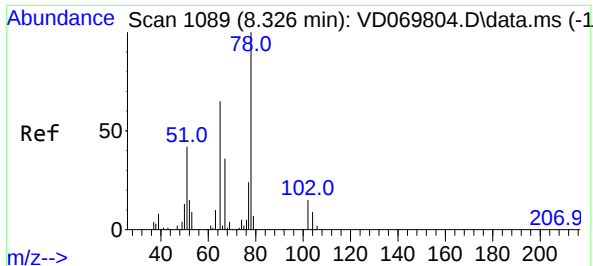
Tgt Ion:168 Resp: 483978
Ion Ratio Lower Upper
168 100
99 60.0 51.1 76.7



#20
Methylene Chloride
Concen: 15.486 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD070000.D
Acq: 09 Aug 2021 16:58

Tgt Ion: 84 Resp: 144545
Ion Ratio Lower Upper
84 100
49 118.5 92.4 138.6
51 33.7 28.5 42.7
86 65.2 48.2 72.4

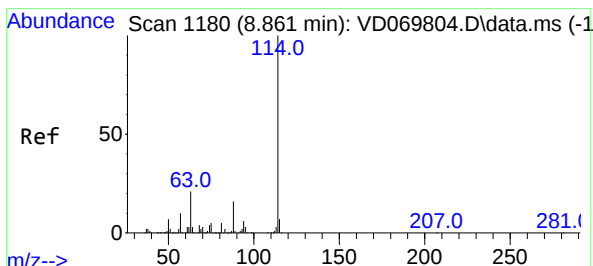
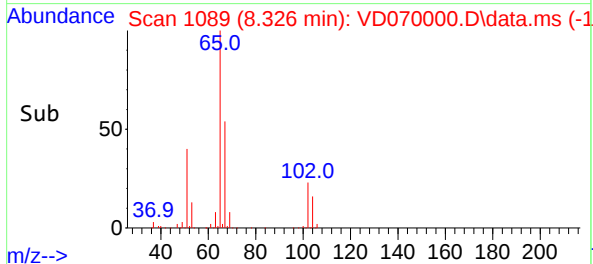
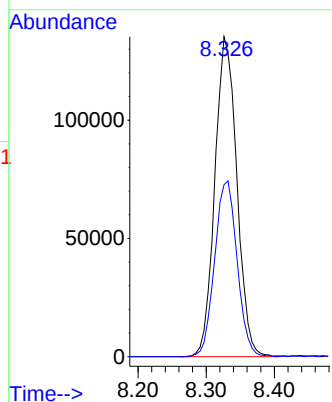
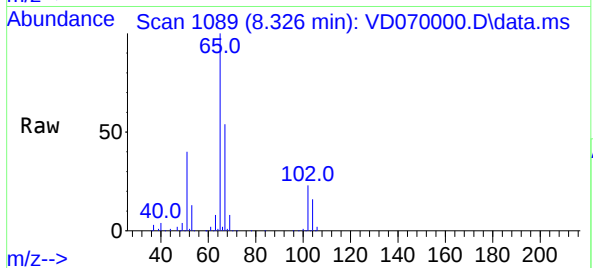




#33
1,2-Dichloroethane-d4
Concen: 54.590 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070000.D
Acq: 09 Aug 2021 16:58

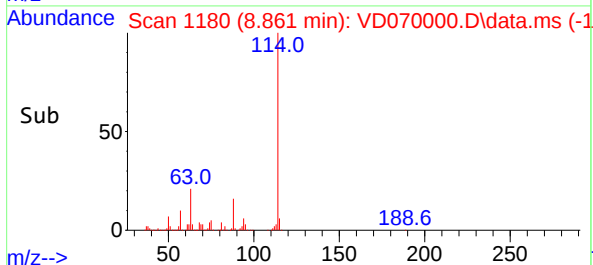
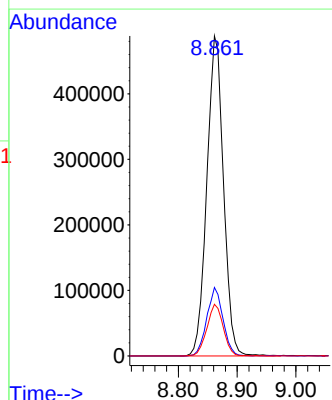
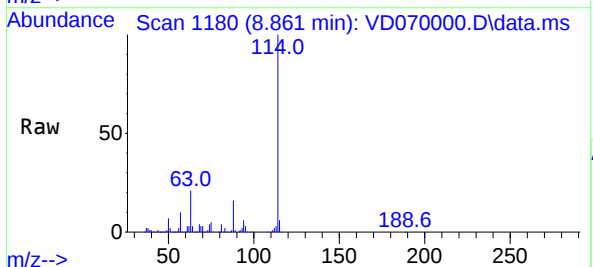
Instrument :
MSVOA_D
ClientSampleId :
ETGI-325RE

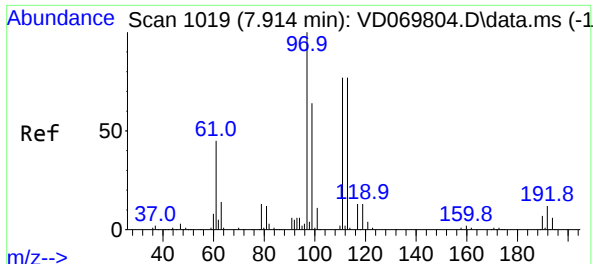
Tgt Ion: 65 Resp: 303856
Ion Ratio Lower Upper
65 100
67 56.1 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070000.D
Acq: 09 Aug 2021 16:58

Tgt Ion:114 Resp: 963592
Ion Ratio Lower Upper
114 100
63 21.4 0.0 41.6
88 16.2 0.0 31.4

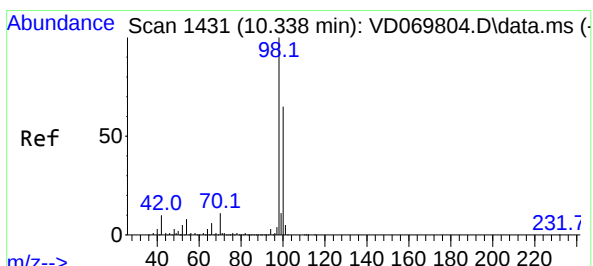
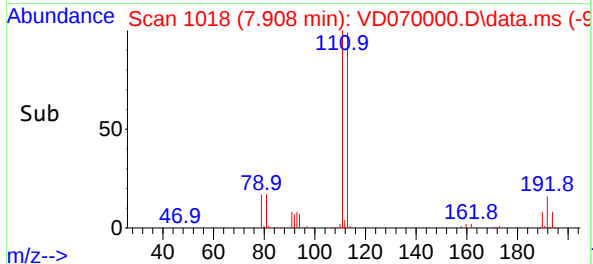
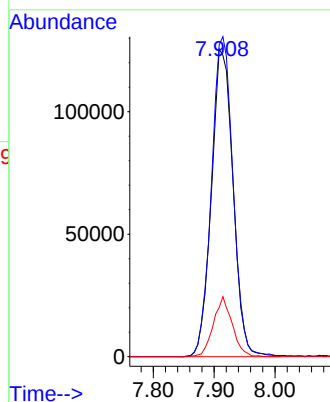
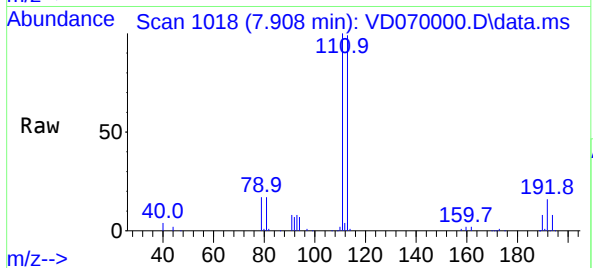




#35
Dibromofluoromethane
Concen: 50.976 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070000.D
Acq: 09 Aug 2021 16:58

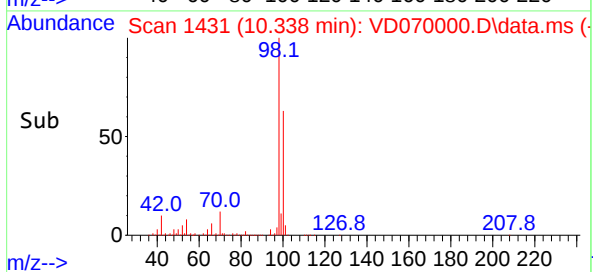
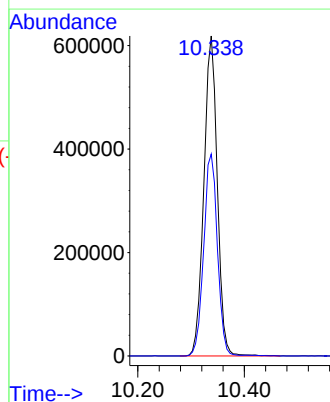
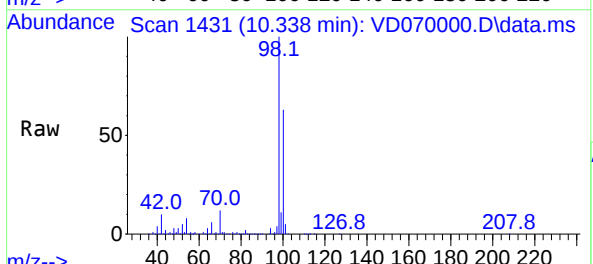
Instrument :
MSVOA_D
ClientSampleId :
ETGI-325RE

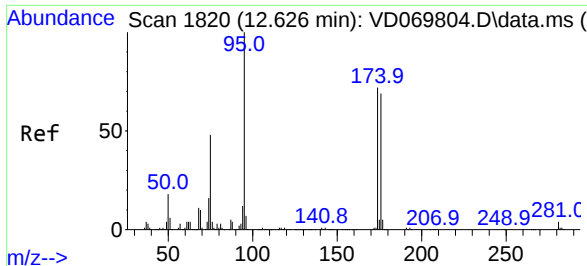
Tgt Ion:113 Resp: 309654
Ion Ratio Lower Upper
113 100
111 103.9 80.5 120.7
192 17.0 12.6 19.0



#50
Toluene-d8
Concen: 46.135 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070000.D
Acq: 09 Aug 2021 16:58

Tgt Ion: 98 Resp: 1080605
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9

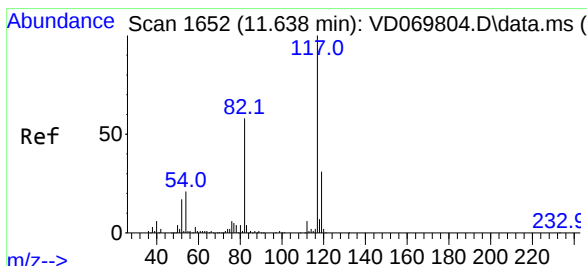
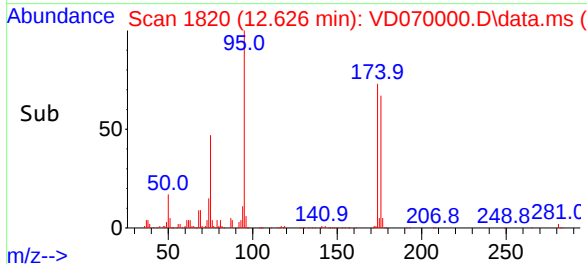
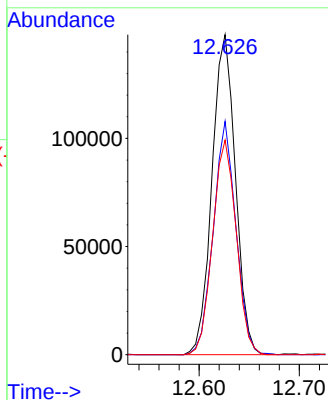
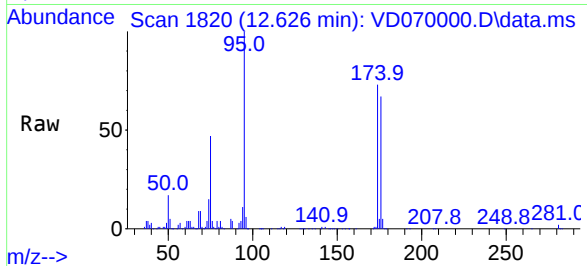




#62
4-Bromofluorobenzene
Concen: 30.665 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070000.D
Acq: 09 Aug 2021 16:58

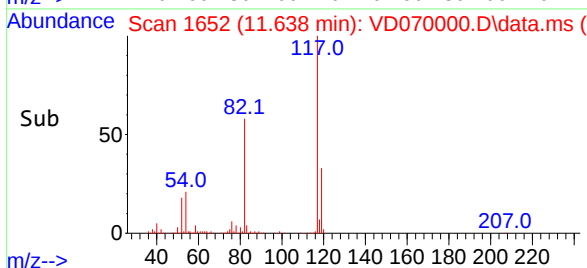
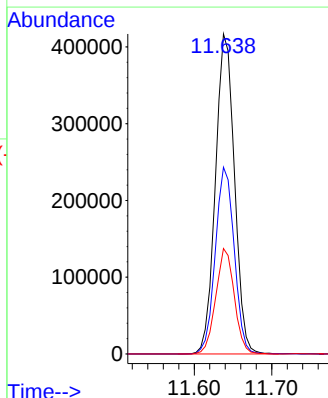
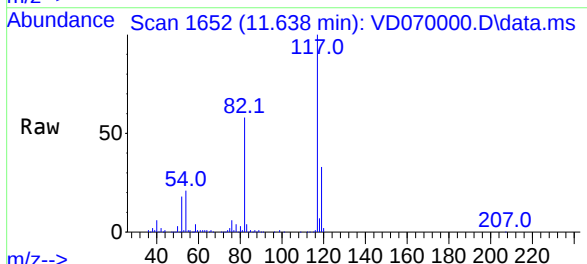
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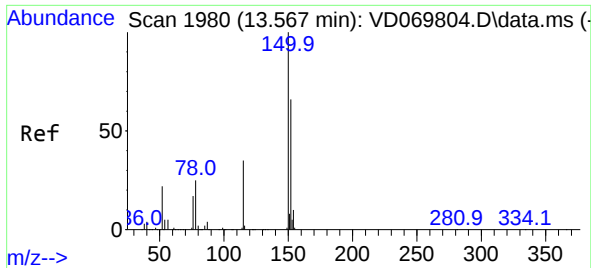
Tgt Ion: 95 Resp: 240044
Ion Ratio Lower Upper
95 100
174 70.5 0.0 142.6
176 67.5 0.0 134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070000.D
Acq: 09 Aug 2021 16:58

Tgt Ion: 117 Resp: 712366
Ion Ratio Lower Upper
117 100
82 58.4 46.3 69.5
119 33.0 24.7 37.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD070000.D
 Acq: 09 Aug 2021 16:58

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-325RE

Tgt Ion:152 Resp: 130516

Ion	Ratio	Lower	Upper
152	100		
115	61.3	31.1	93.3
150	158.2	0.0	343.0

