

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080921\
 Data File : VD070011.D
 Acq On : 09 Aug 2021 22:14
 Operator : VA/SY
 Sample : M3324-02
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

Quant Time: Aug 10 07:08:12 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)

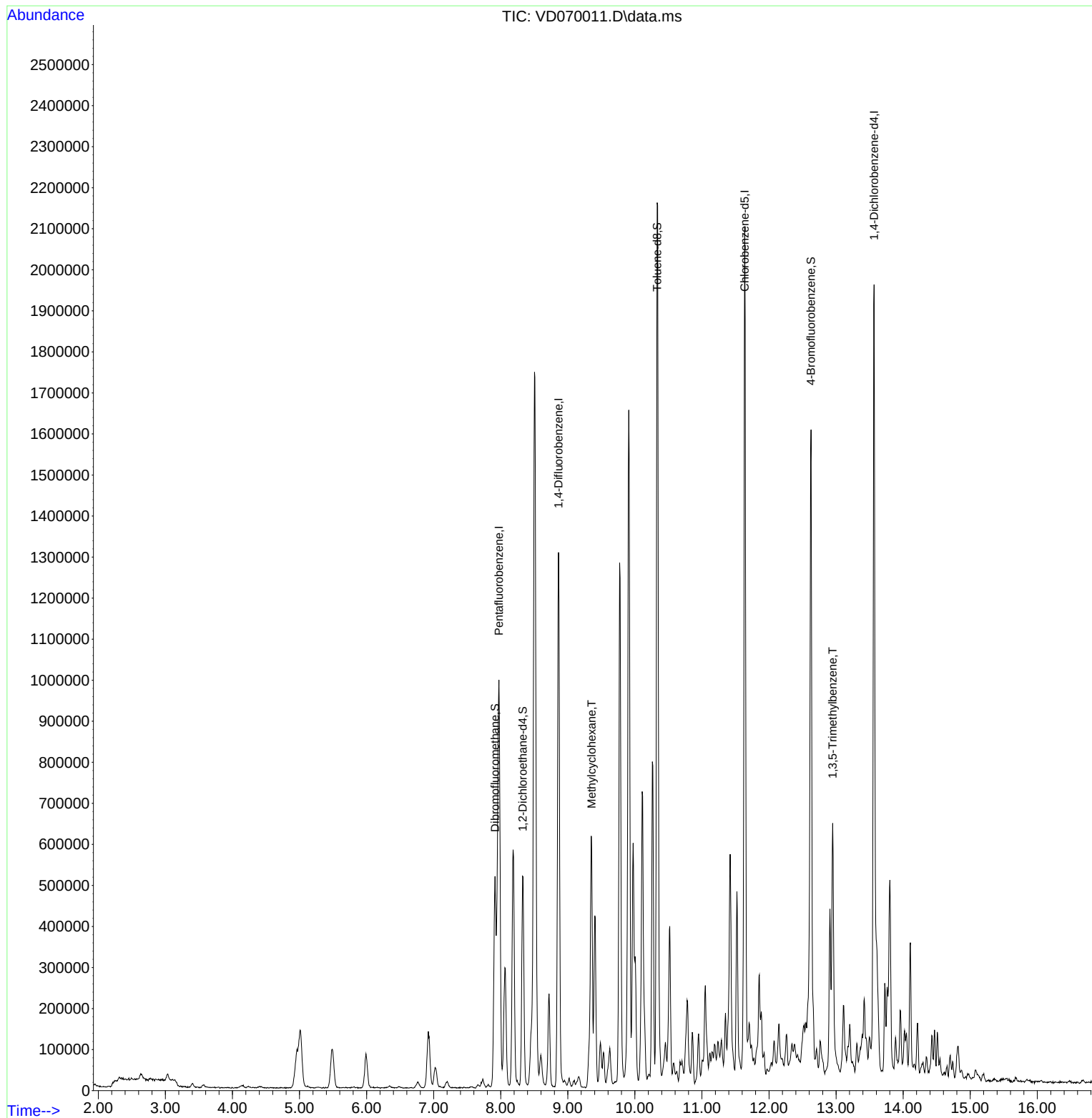
Internal Standards						
1) Pentafluorobenzene	7.973	168	540316	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1091664	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1139799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	504283	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	412517	66.384	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.760%	
35) Dibromofluoromethane	7.914	113	364939	53.029	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.060%	
50) Toluene-d8	10.332	98	1437398	54.168	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.340%	
62) 4-Bromofluorobenzene	12.626	95	541064	61.010	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 122.020%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.355	83	85181	6.313	ug/l	# 69
80) 1,3,5-Trimethylbenzene	12.949	105	256677	8.281	ug/l	99

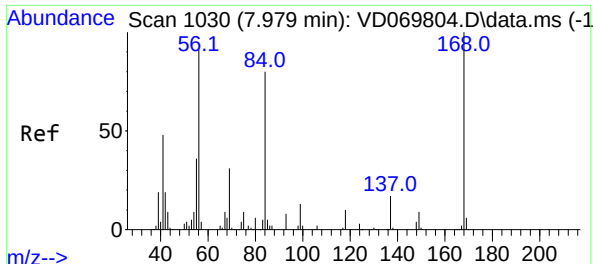
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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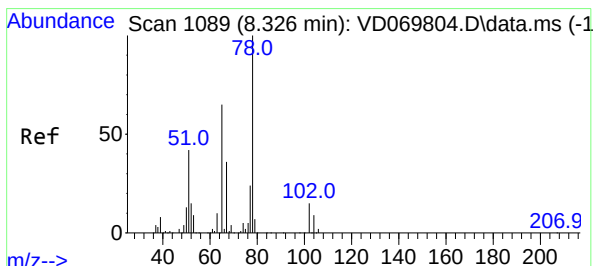
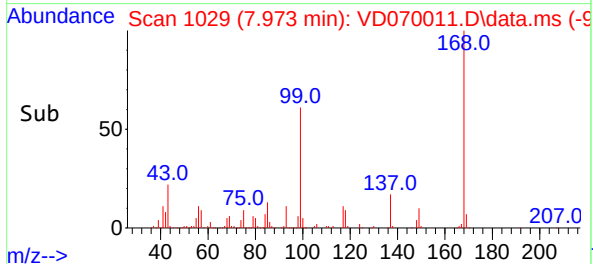
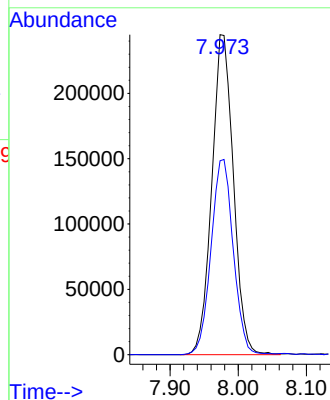
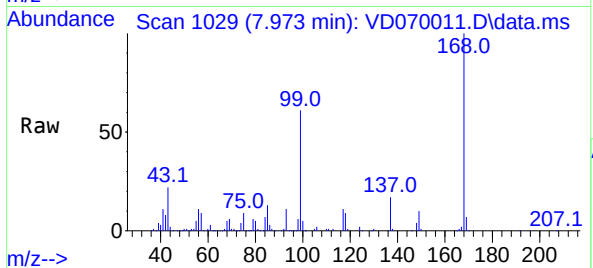




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070011.D
Acq: 09 Aug 2021 22:14

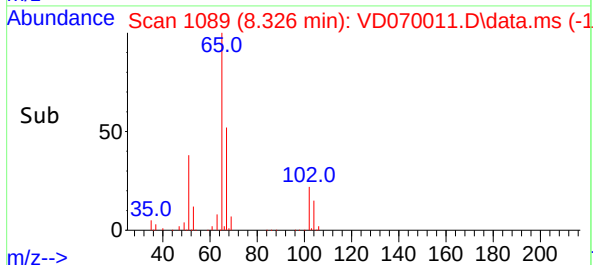
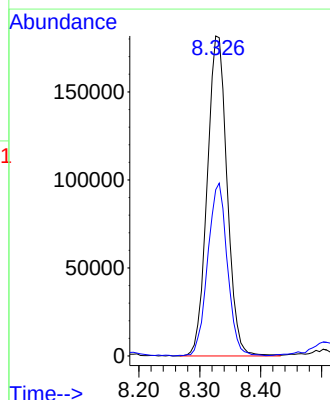
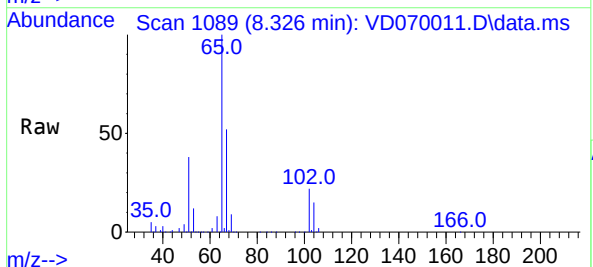
Instrument :
MSVOA_D
ClientSampleId :
VOC

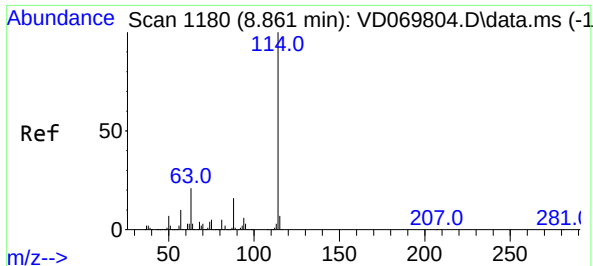
Tgt Ion:168 Resp: 540316
Ion Ratio Lower Upper
168 100
99 60.6 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 66.384 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070011.D
Acq: 09 Aug 2021 22:14

Tgt Ion: 65 Resp: 412517
Ion Ratio Lower Upper
65 100
67 53.5 0.0 111.2



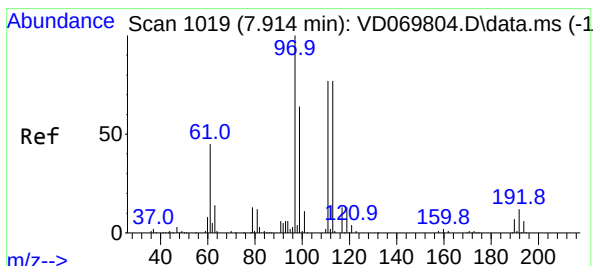
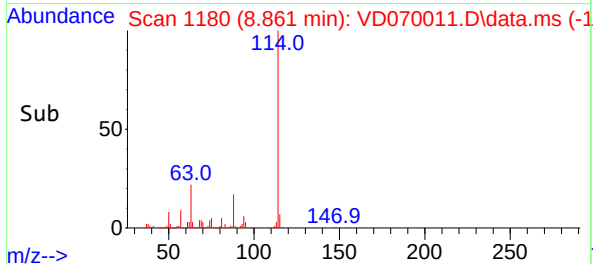
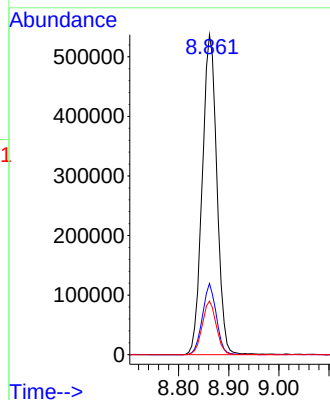
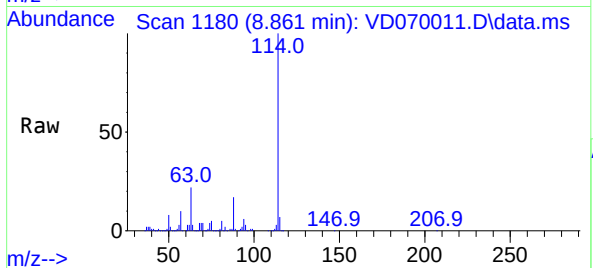


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070011.D
Acq: 09 Aug 2021 22:14

Instrument :
MSVOA_D
ClientSampleId :
VOC

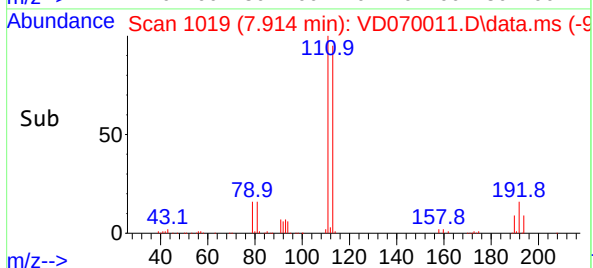
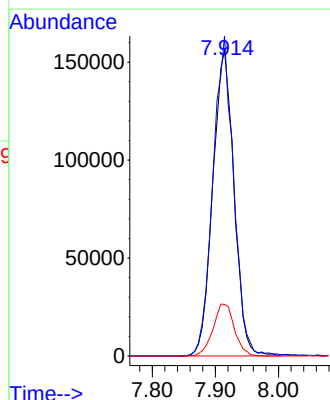
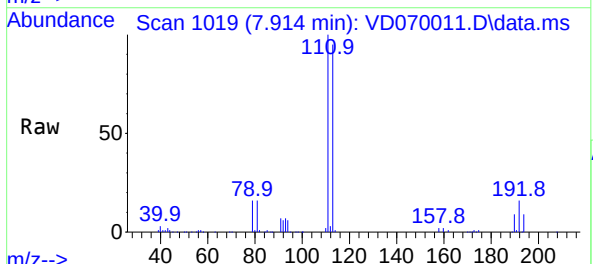
Tgt Ion:114 Resp: 1091664
Ion Ratio Lower Upper
114 100
63 22.3 0.0 41.6
88 16.8 0.0 31.4

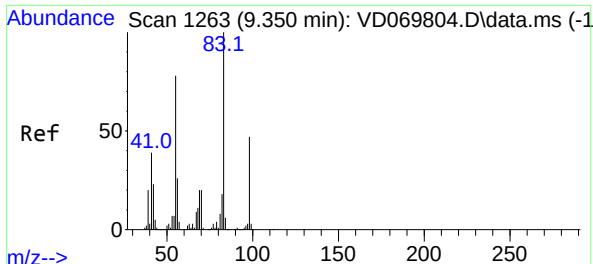


#35

Dibromofluoromethane
Concen: 53.029 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070011.D
Acq: 09 Aug 2021 22:14

Tgt Ion:113 Resp: 364939
Ion Ratio Lower Upper
113 100
111 102.7 80.5 120.7
192 17.1 12.6 19.0





#39

Methylcyclohexane

Concen: 6.313 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.006 min

Lab File: VD070011.D

Acq: 09 Aug 2021 22:14

Instrument :

MSVOA_D

ClientSampleId :

VOC

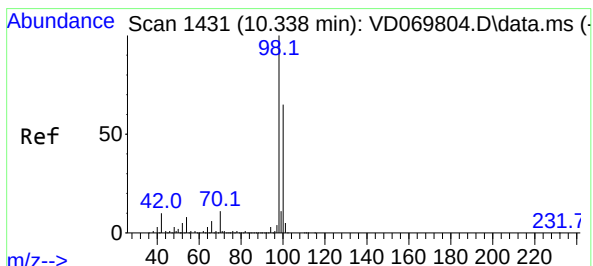
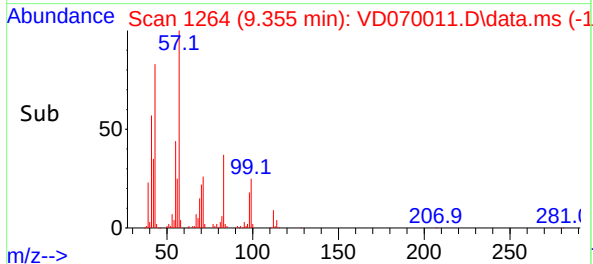
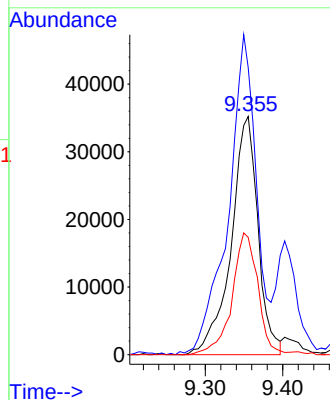
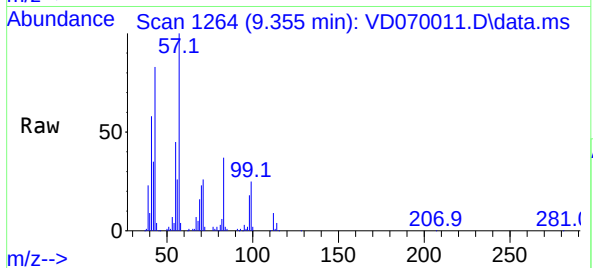
Tgt Ion: 83 Resp: 85181

Ion Ratio Lower Upper

83 100

55 119.3 62.2 93.2#

98 49.2 37.8 56.8



#50

Toluene-d8

Concen: 54.168 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VD070011.D

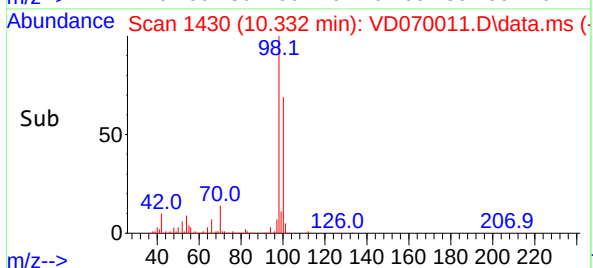
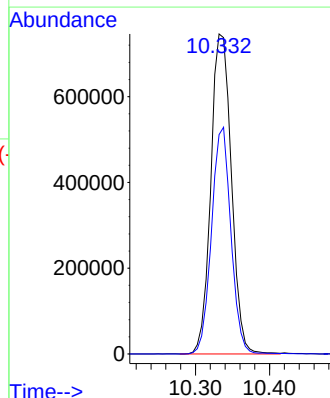
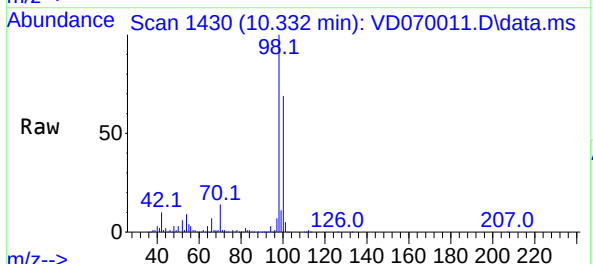
Acq: 09 Aug 2021 22:14

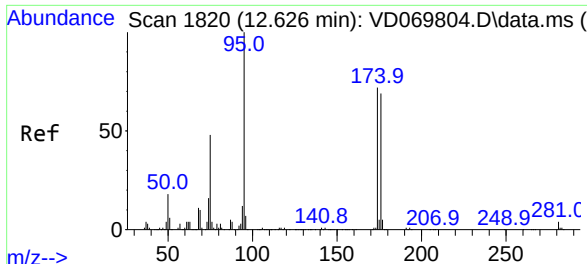
Tgt Ion: 98 Resp: 1437398

Ion Ratio Lower Upper

98 100

100 66.9 51.9 77.9

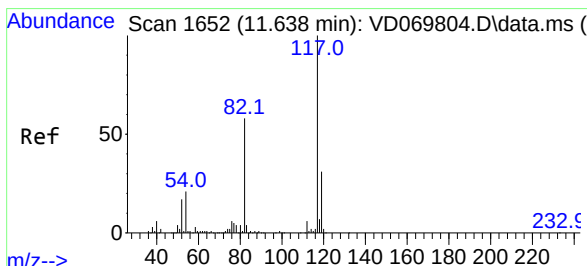
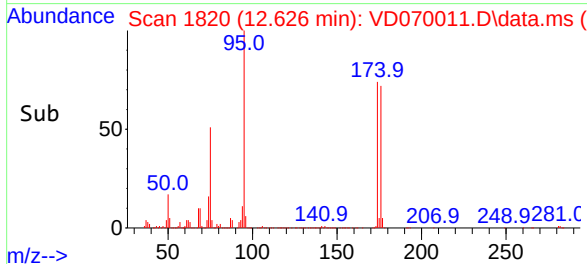
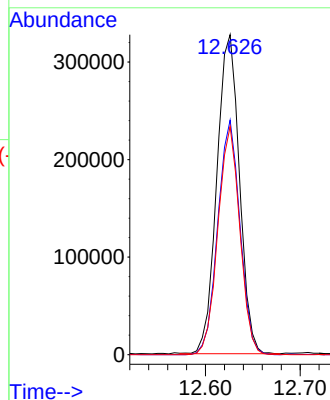
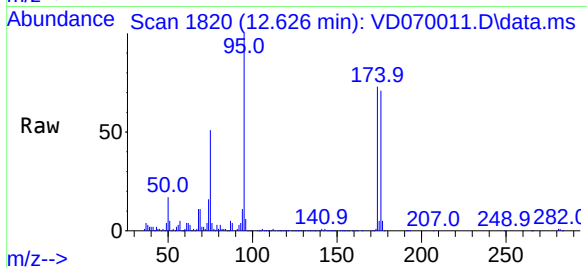




#62
4-Bromofluorobenzene
Concen: 61.010 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070011.D
Acq: 09 Aug 2021 22:14

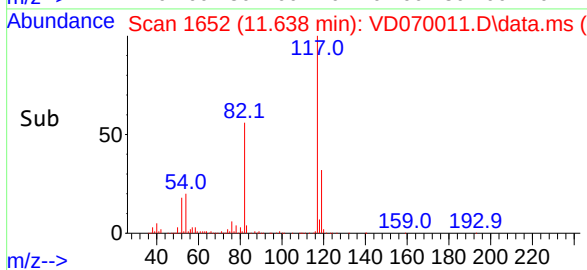
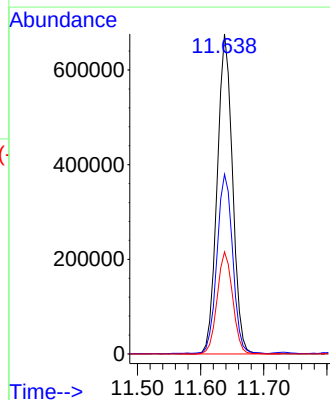
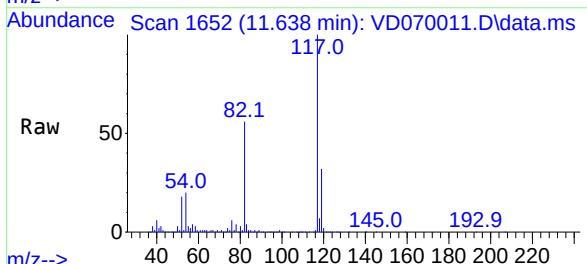
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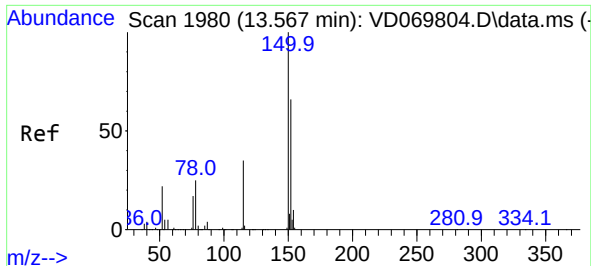
Tgt Ion: 95 Resp: 541064
Ion Ratio Lower Upper
95 100
174 72.4 0.0 142.6
176 69.3 0.0 134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070011.D
Acq: 09 Aug 2021 22:14

Tgt Ion: 117 Resp: 1139799
Ion Ratio Lower Upper
117 100
82 56.0 46.3 69.5
119 31.9 24.7 37.1

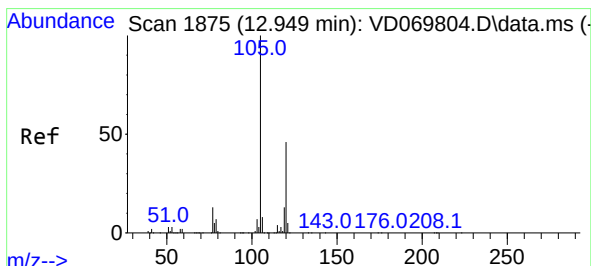
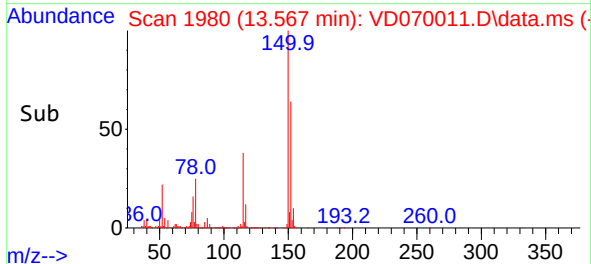
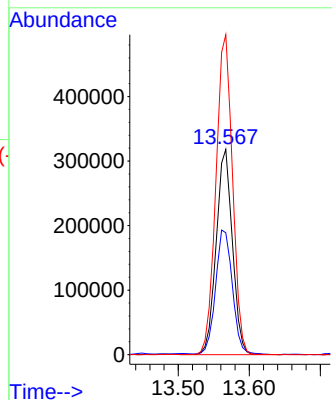
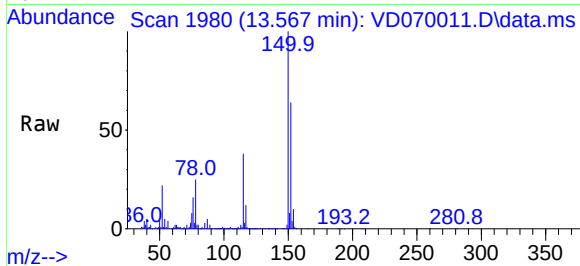




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070011.D
Acq: 09 Aug 2021 22:14

Instrument :
MSVOA_D
ClientSampleId :
VOC

Tgt Ion:152 Resp: 504283
Ion Ratio Lower Upper
152 100
115 63.0 31.1 93.3
150 158.8 0.0 343.0



#80
1,3,5-Trimethylbenzene
Concen: 8.281 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD070011.D
Acq: 09 Aug 2021 22:14

Tgt Ion:105 Resp: 256677
Ion Ratio Lower Upper
105 100
120 48.4 23.8 71.2

