

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080921\
 Data File : VD070004.D
 Acq On : 09 Aug 2021 18:52
 Operator : VA/SY
 Sample : M3315-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-02-08062021

Quant Time: Aug 10 07:05:31 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	136513	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	267299	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	279311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	118388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	135050	86.018	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 172.040%#	
35) Dibromofluoromethane	7.914	113	105344	62.517	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 125.040%	
50) Toluene-d8	10.338	98	344922	53.086	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.180%	
62) 4-Bromofluorobenzene	12.626	95	117453	54.089	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.180%	

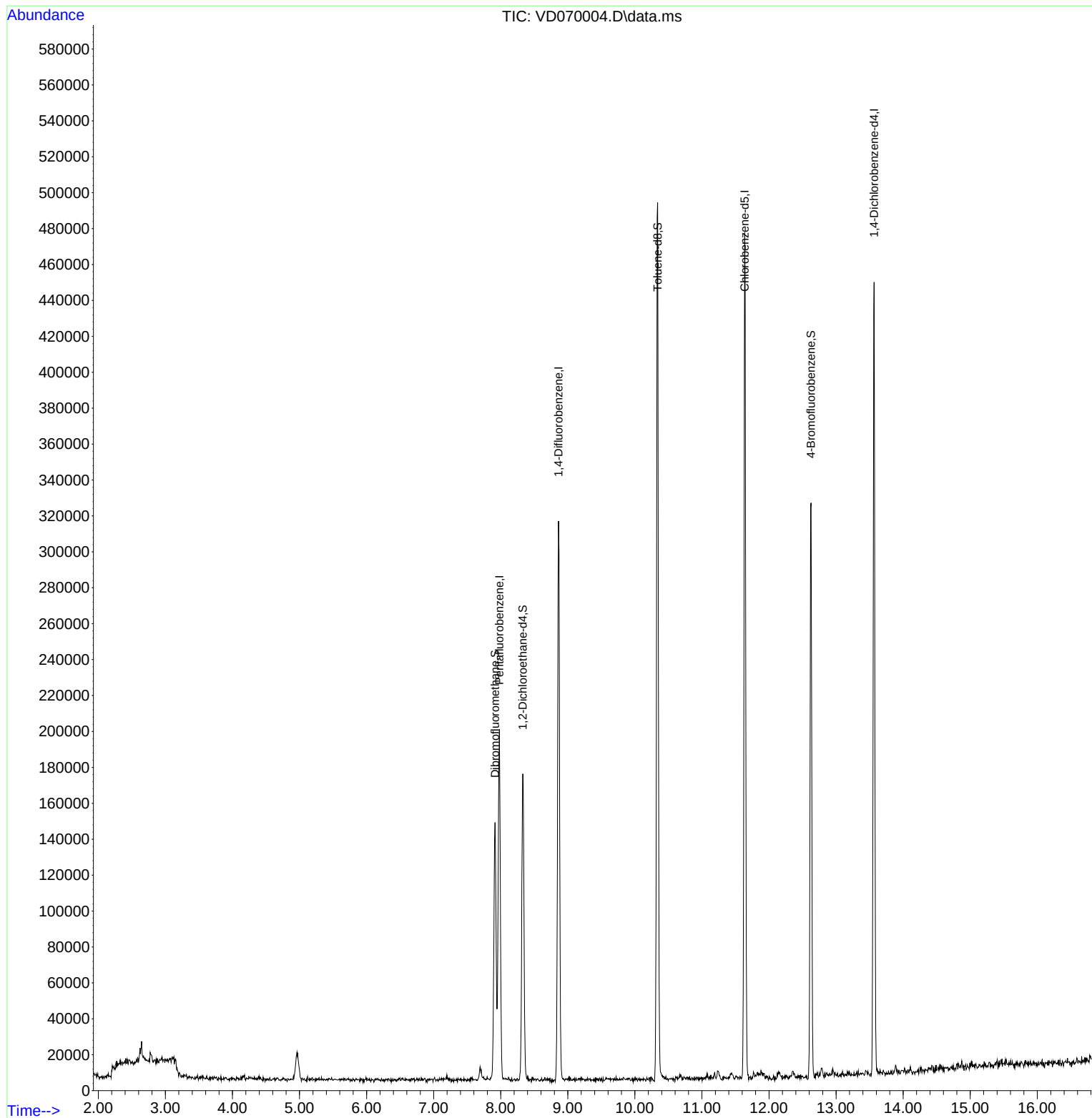
Target Compounds	Qvalue

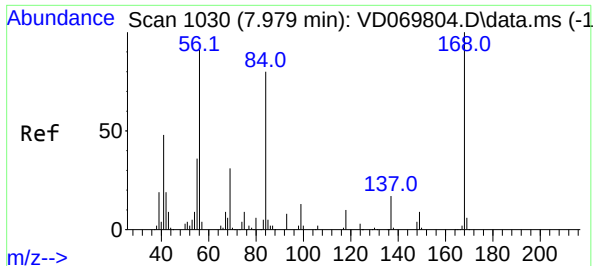
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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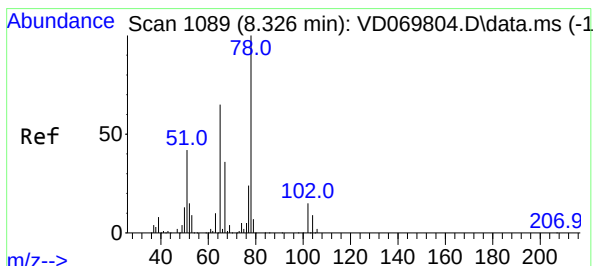
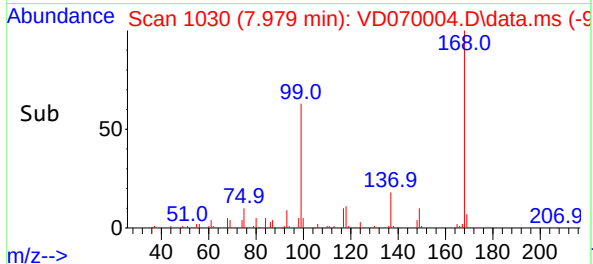
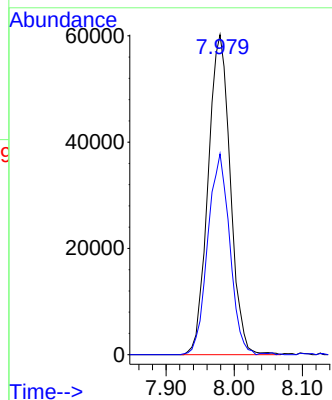
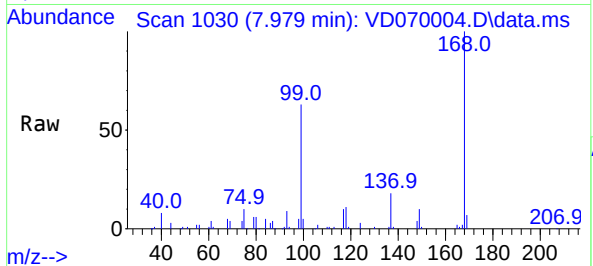




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070004.D
Acq: 09 Aug 2021 18:52

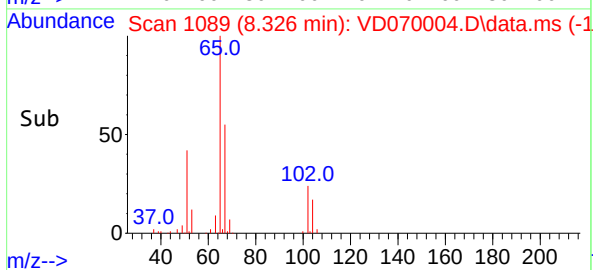
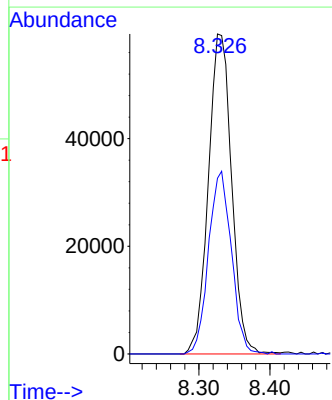
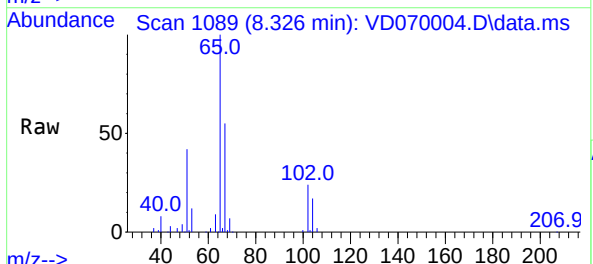
Instrument :
MSVOA_D
ClientSampleId :
OK-02-08062021

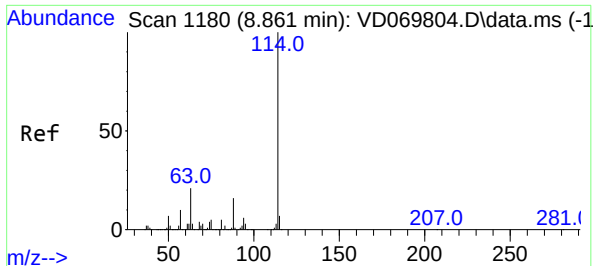
Tgt Ion:168 Resp: 136513
Ion Ratio Lower Upper
168 100
99 62.7 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 86.018 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070004.D
Acq: 09 Aug 2021 18:52

Tgt Ion: 65 Resp: 135050
Ion Ratio Lower Upper
65 100
67 56.1 0.0 111.2



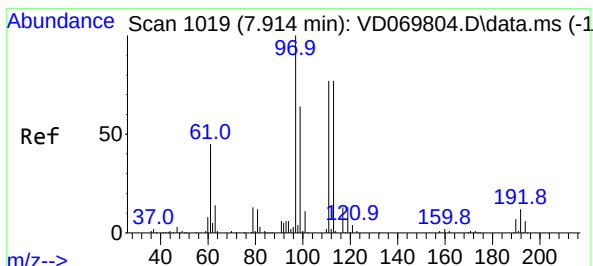
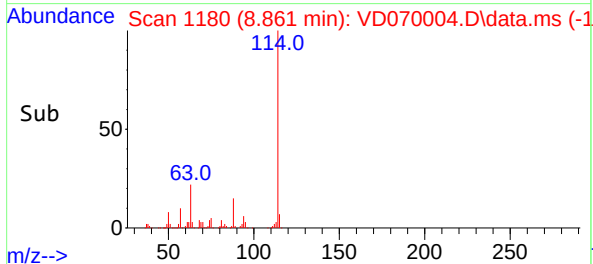
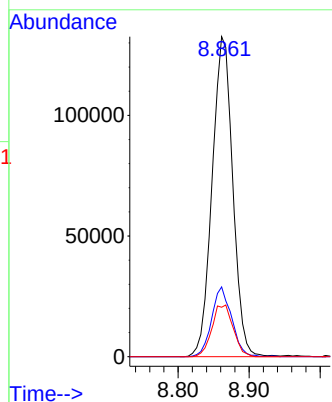
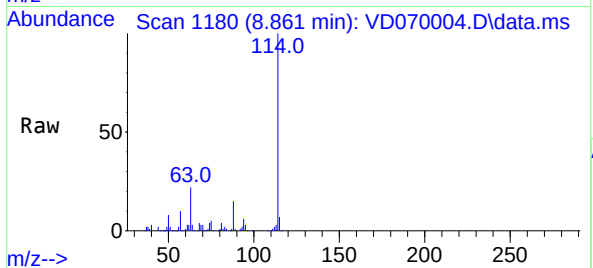


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070004.D
Acq: 09 Aug 2021 18:52

Instrument :
MSVOA_D
ClientSampleId :
OK-02-08062021

Tgt Ion:114 Resp: 267299

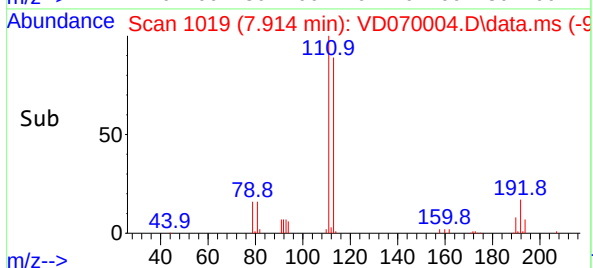
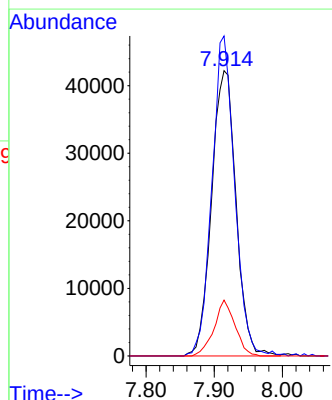
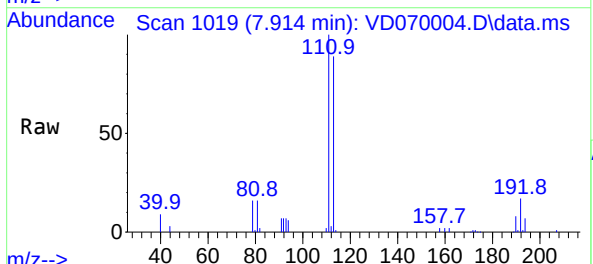
Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	41.6
88	15.4	0.0	31.4

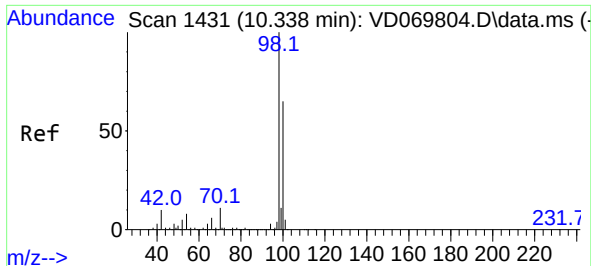


#35
Dibromofluoromethane
Concen: 62.517 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070004.D
Acq: 09 Aug 2021 18:52

Tgt Ion:113 Resp: 105344

Ion	Ratio	Lower	Upper
113	100		
111	103.9	80.5	120.7
192	16.8	12.6	19.0

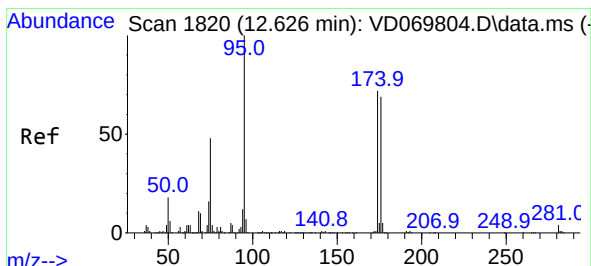
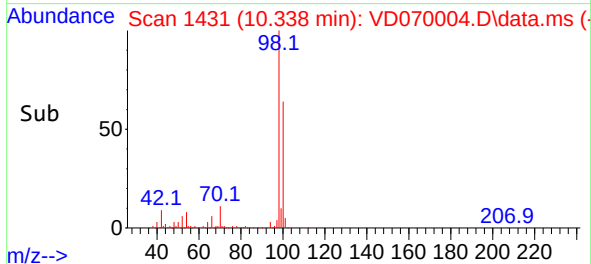
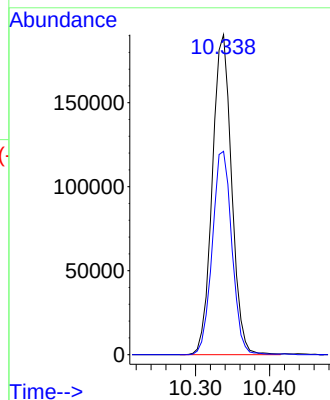
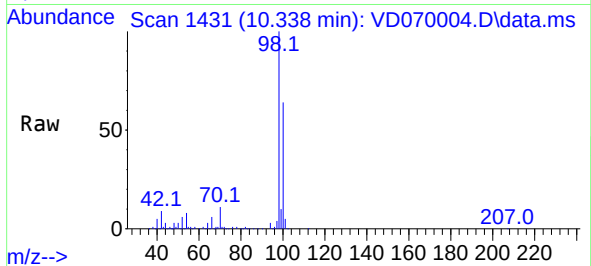




#50
Toluene-d8
Concen: 53.086 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070004.D
Acq: 09 Aug 2021 18:52

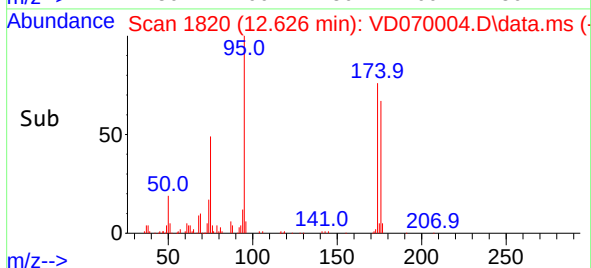
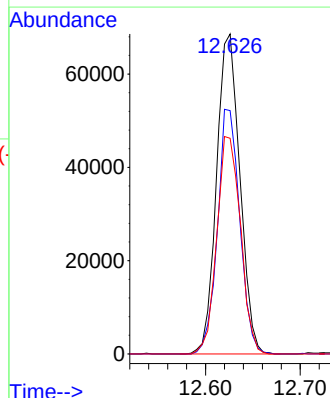
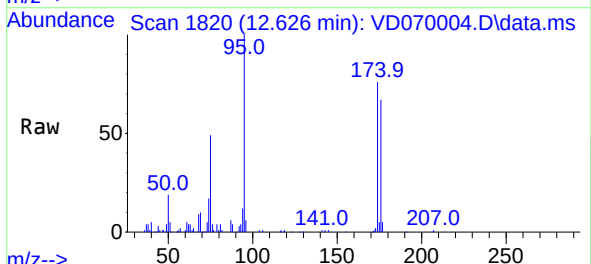
Instrument :
MSVOA_D
ClientSampleId :
OK-02-08062021

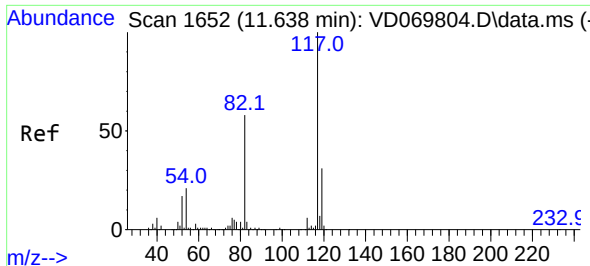
Tgt Ion: 98 Resp: 344922
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 54.089 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070004.D
Acq: 09 Aug 2021 18:52

Tgt Ion: 95 Resp: 117453
Ion Ratio Lower Upper
95 100
174 73.0 0.0 142.6
176 69.0 0.0 134.2



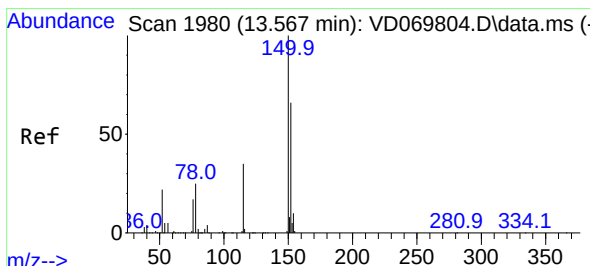
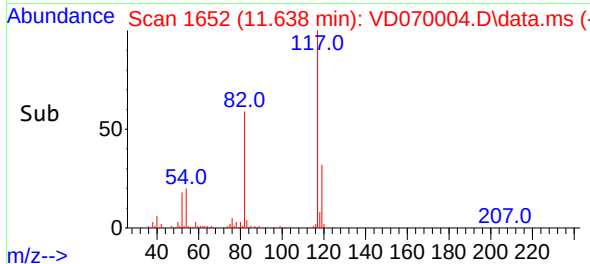
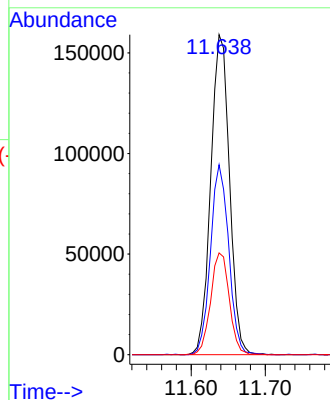
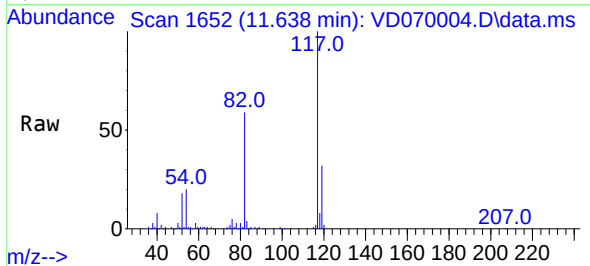


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070004.D
Acq: 09 Aug 2021 18:52

Instrument :
MSVOA_D
ClientSampleId :
OK-02-08062021

Tgt Ion:117 Resp: 279311

Ion	Ratio	Lower	Upper
117	100		
82	59.3	46.3	69.5
119	31.8	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: VD070004.D
Acq: 09 Aug 2021 18:52

Tgt Ion:152 Resp: 118388

Ion	Ratio	Lower	Upper
152	100		
115	61.6	31.1	93.3
150	158.7	0.0	343.0

