

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082521\
 Data File : VD070251.D
 Acq On : 25 Aug 2021 15:12
 Operator : VA/SY
 Sample : M3467-20RE
 Misc : 3.49G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SAMPLE-5-(184.50)-VOC-GRAB

Quant Time: Aug 26 02:45:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	437731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	891391	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	841377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	284859	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	319907	62.137	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.280%
35) Dibromofluoromethane	7.914	113	318137	55.242	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.480%
50) Toluene-d8	10.338	98	1169834	52.227	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.460%
62) 4-Bromofluorobenzene	12.626	95	321058	43.517	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.040%

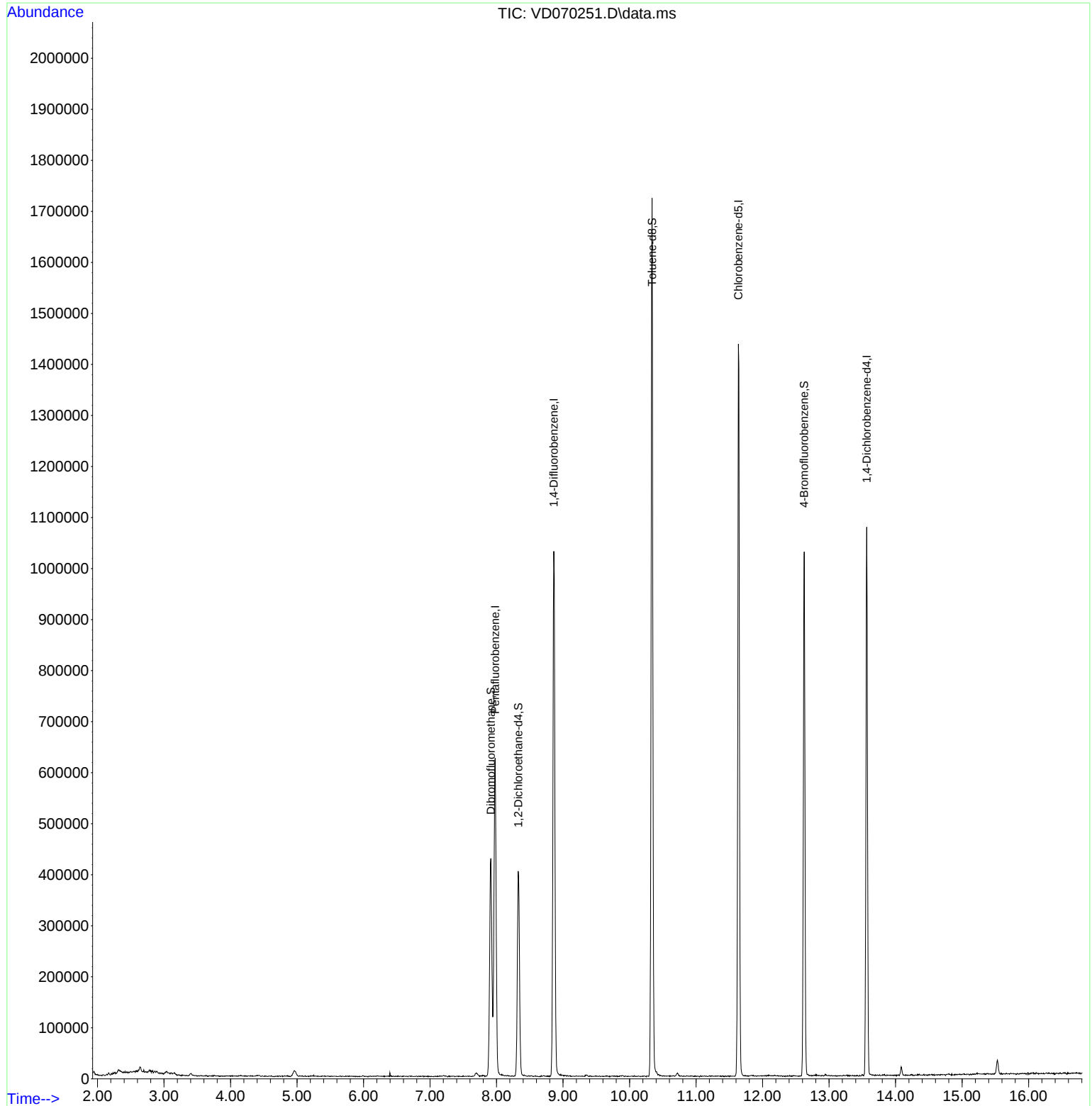
Target Compounds	Qvalue

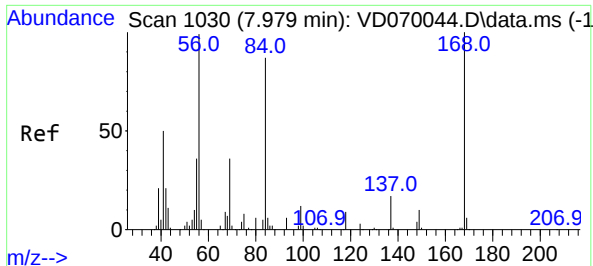
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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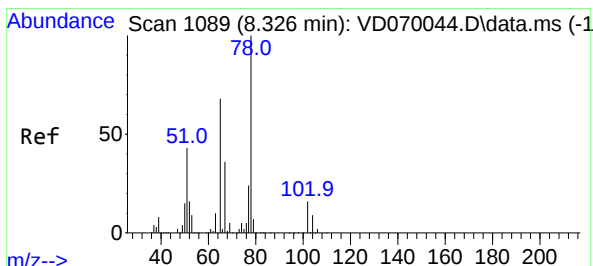
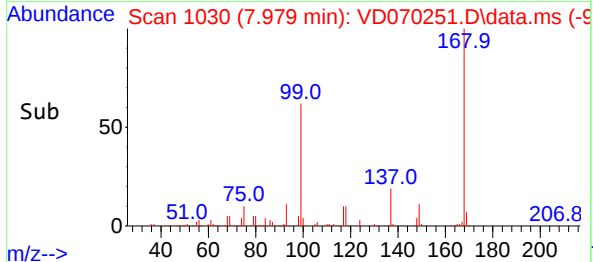
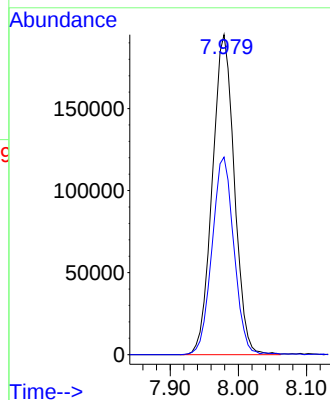
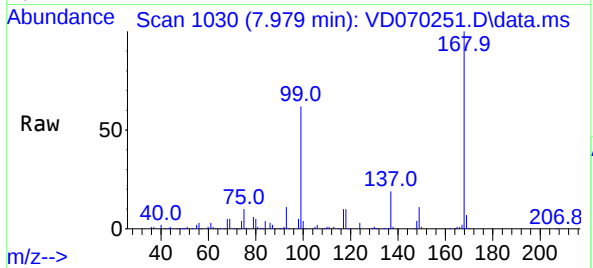




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070251.D
Acq: 25 Aug 2021 15:12

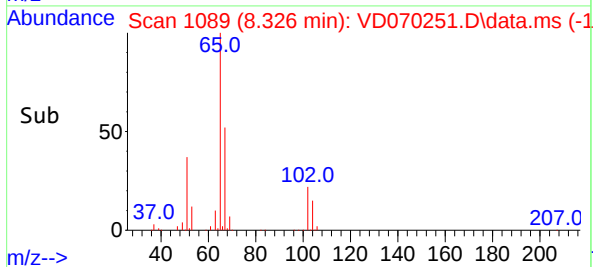
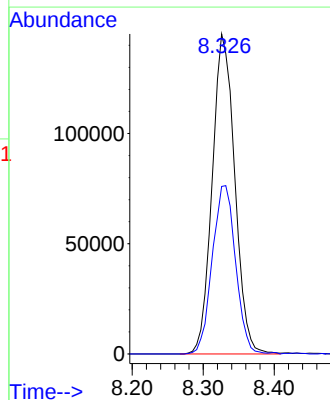
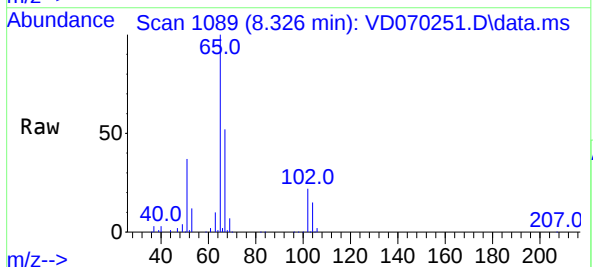
Instrument :
MSVOA_D
ClientSampleId :
SAMPLE-5-(184.50)-VOC-GRAB

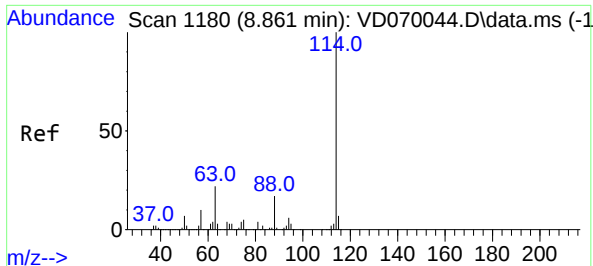
Tgt Ion:168 Resp: 437731
Ion Ratio Lower Upper
168 100
99 61.8 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 62.137 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070251.D
Acq: 25 Aug 2021 15:12

Tgt Ion: 65 Resp: 319907
Ion Ratio Lower Upper
65 100
67 54.3 0.0 107.8



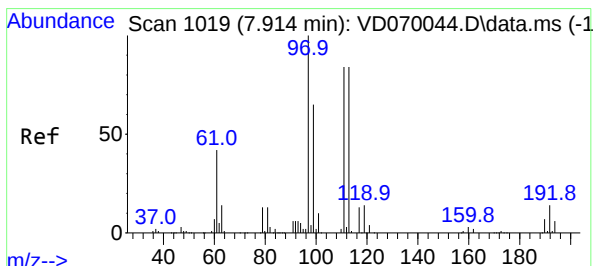
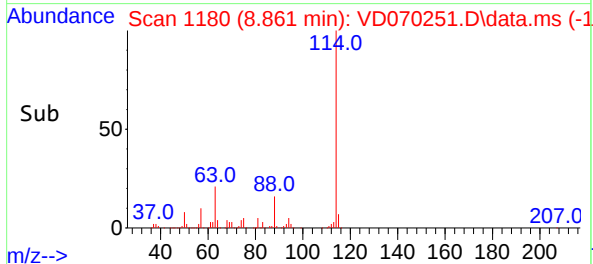
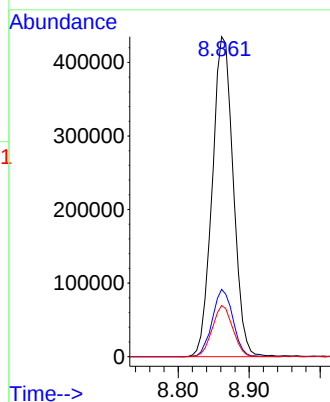
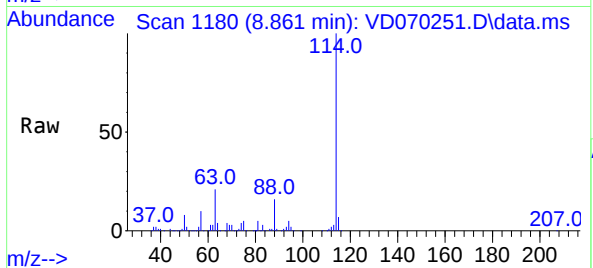


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070251.D
Acq: 25 Aug 2021 15:12

Instrument :
MSVOA_D
ClientSampleId :
SAMPLE-5-(184.50)-VOC-GRAB

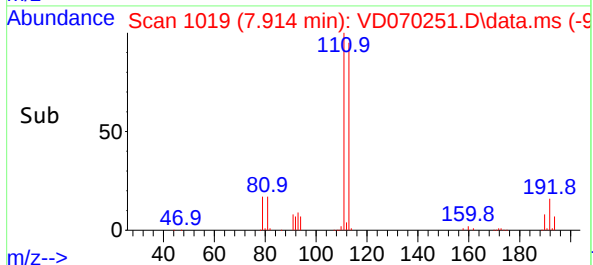
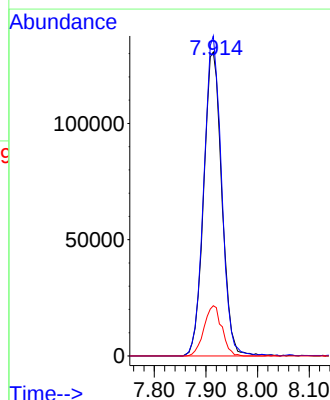
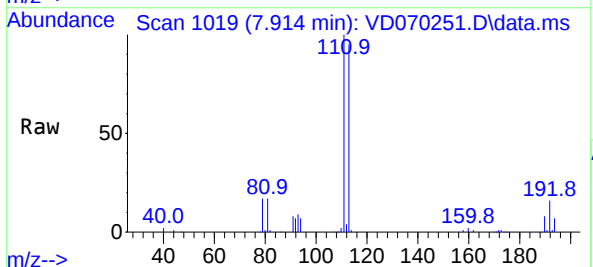
Tgt Ion:	114	Resp:	891391
Ion Ratio	Lower	Upper	
114	100		
63	21.0	0.0	43.6
88	16.0	0.0	33.4

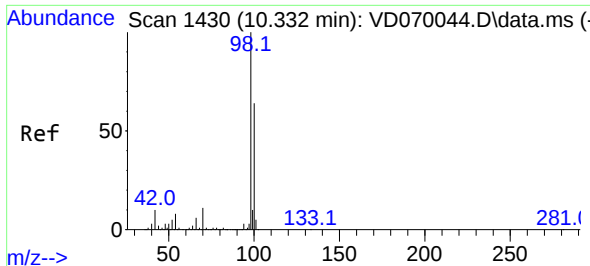


#35

Dibromofluoromethane
Concen: 55.242 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070251.D
Acq: 25 Aug 2021 15:12

Tgt Ion:	113	Resp:	318137
Ion Ratio	Lower	Upper	
113	100		
111	102.5	81.8	122.6
192	16.3	13.2	19.8

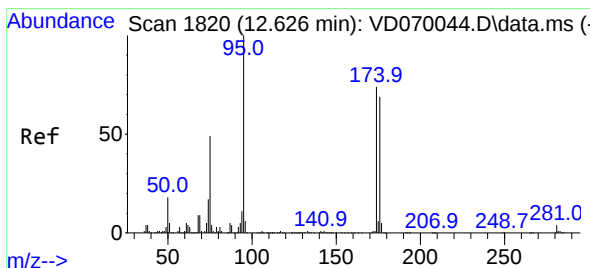
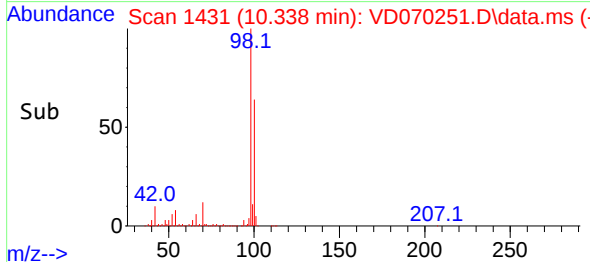
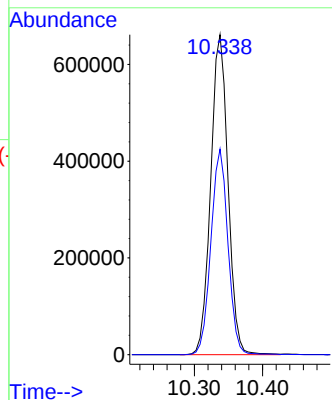
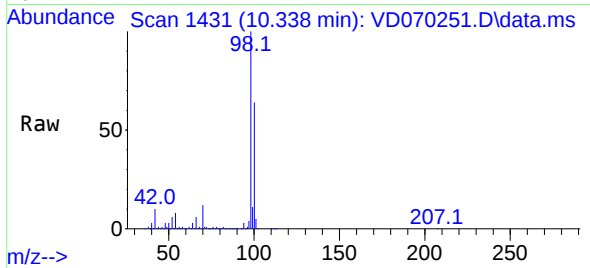




#50
Toluene-d8
Concen: 52.227 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070251.D
Acq: 25 Aug 2021 15:12

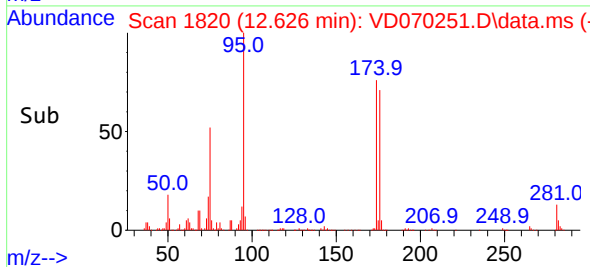
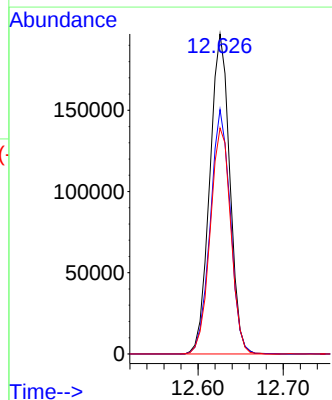
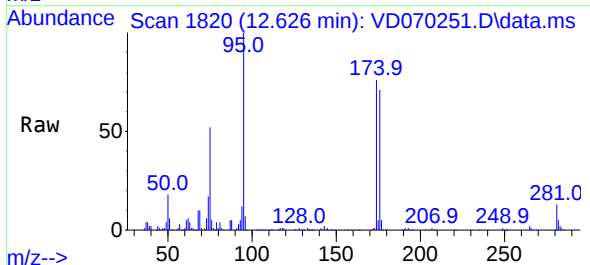
Instrument :
MSVOA_D
ClientSampleId :
SAMPLE-5-(184.50)-VOC-GRAB

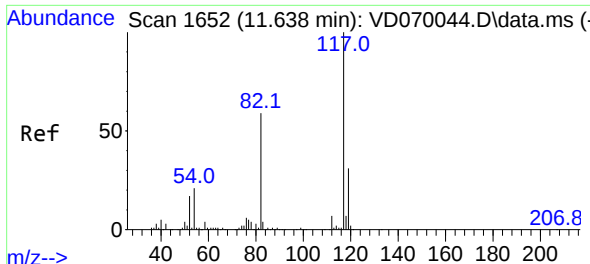
Tgt Ion: 98 Resp: 1169834
Ion Ratio Lower Upper
98 100
100 63.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 43.517 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070251.D
Acq: 25 Aug 2021 15:12

Tgt Ion: 95 Resp: 321058
Ion Ratio Lower Upper
95 100
174 76.6 0.0 141.6
176 72.6 0.0 138.2



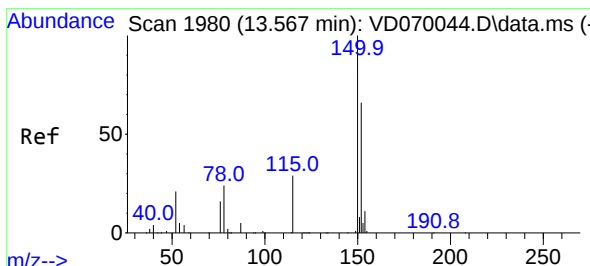
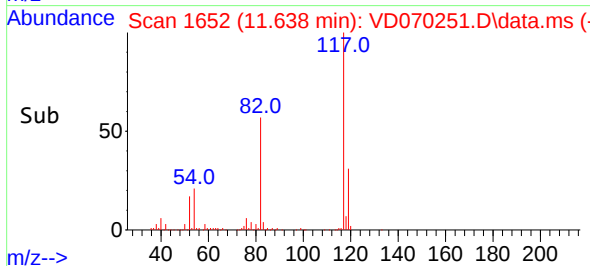
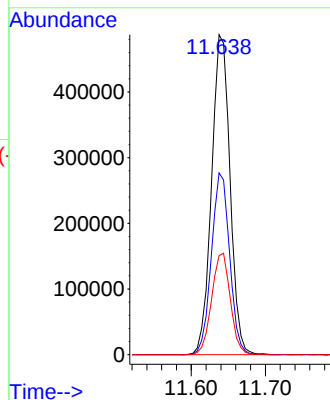
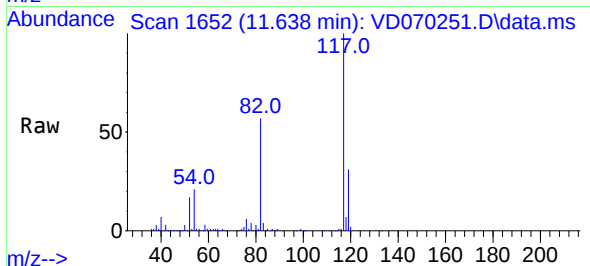


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070251.D
Acq: 25 Aug 2021 15:12

Instrument :
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Tgt Ion:117 Resp: 841377

Ion	Ratio	Lower	Upper
117	100		
82	56.8	47.5	71.3
119	30.9	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070251.D
Acq: 25 Aug 2021 15:12

Tgt Ion:152 Resp: 284859

Ion	Ratio	Lower	Upper
152	100		
115	60.6	31.2	93.6
150	155.6	0.0	352.0

