

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091021\
 Data File : VD070300.D
 Acq On : 10 Sep 2021 15:22
 Operator : VA/SY
 Sample : M3684-01
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A018015

Quant Time: Sep 11 02:26:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	210937	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	471201	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	470236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	137121	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	204118	75.363	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	150.720%
35) Dibromofluoromethane	7.914	113	200532	59.788	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.580%
50) Toluene-d8	10.338	98	615576	50.549	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.100%
62) 4-Bromofluorobenzene	12.626	95	175420	41.217	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.440%

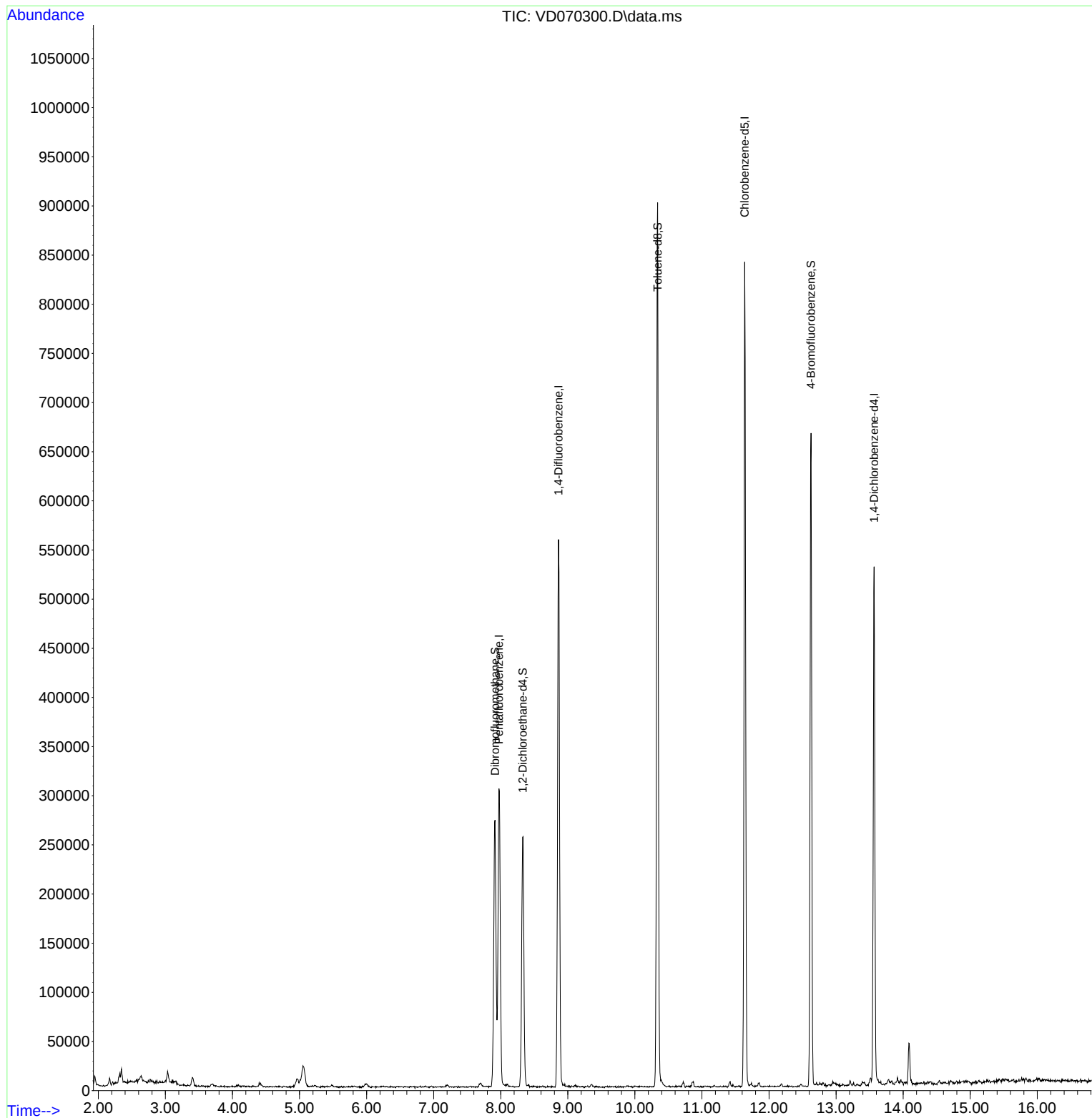
Target Compounds	Qvalue

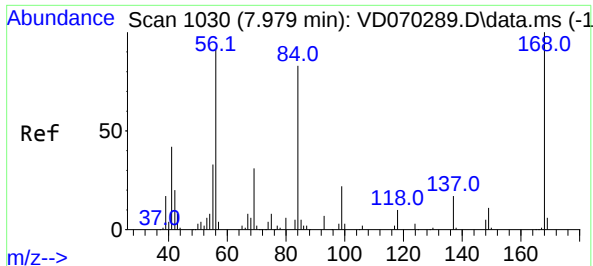
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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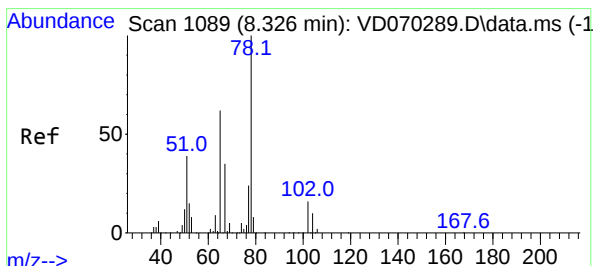
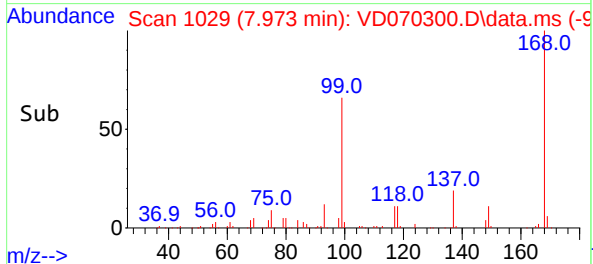
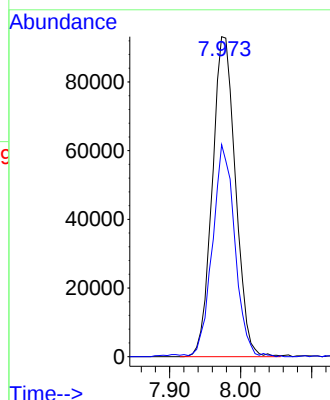
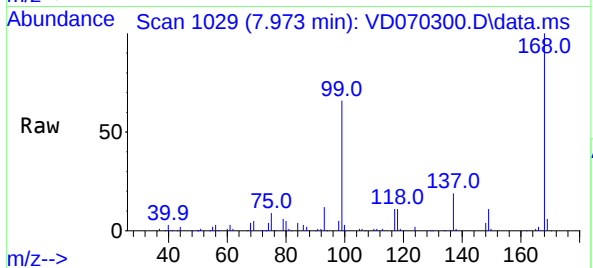




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070300.D
Acq: 10 Sep 2021 15:22

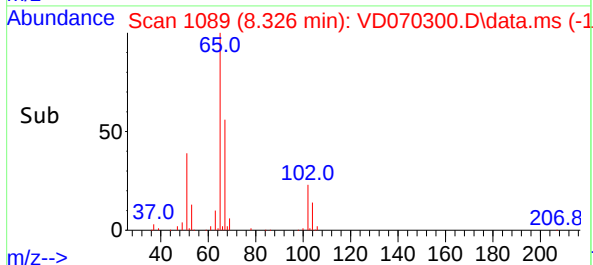
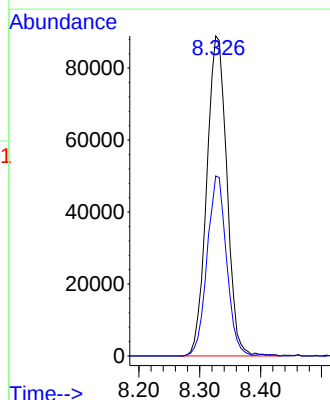
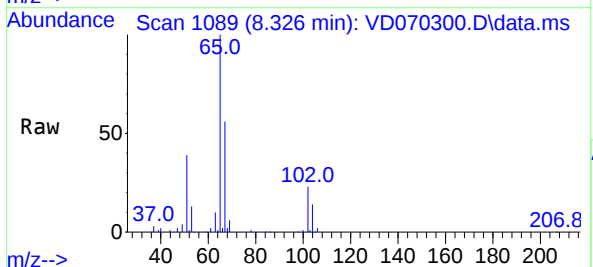
Instrument :
MSVOA_D
ClientSampleId :
A018015

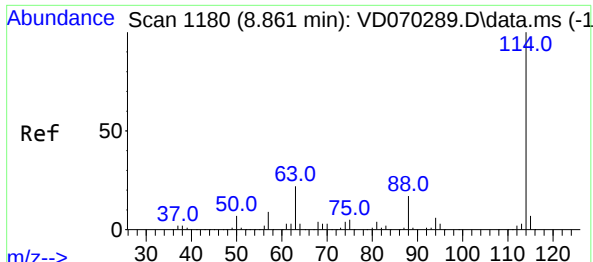
Tgt Ion:168 Resp: 210937
Ion Ratio Lower Upper
168 100
99 65.9 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 75.363 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070300.D
Acq: 10 Sep 2021 15:22

Tgt Ion: 65 Resp: 204118
Ion Ratio Lower Upper
65 100
67 54.4 0.0 111.4



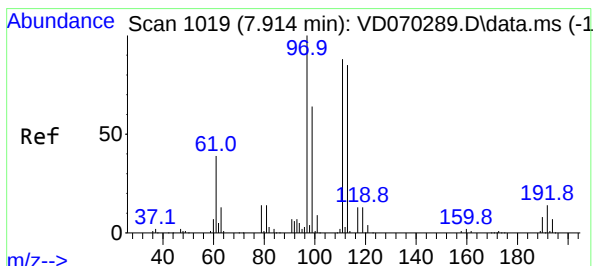
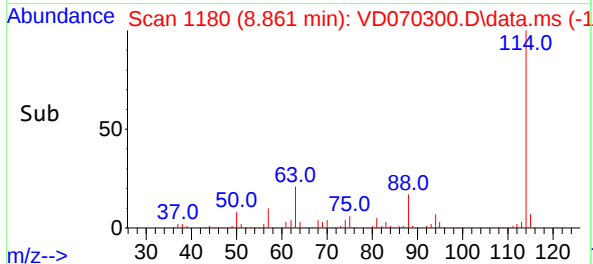
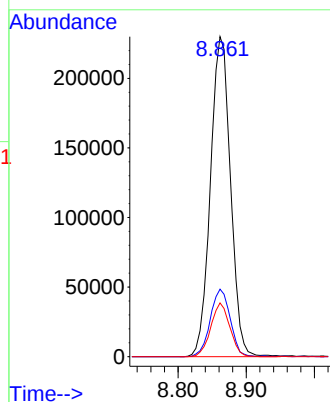
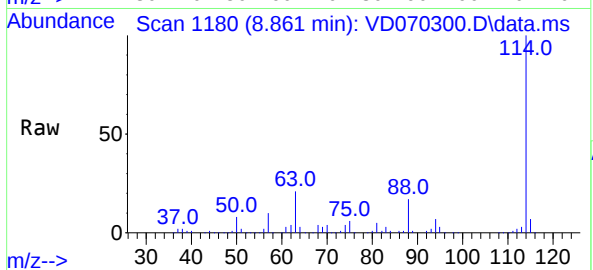


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070300.D
Acq: 10 Sep 2021 15:22

Instrument :
MSVOA_D
ClientSampleId :
A018015

Tgt Ion:114 Resp: 471201

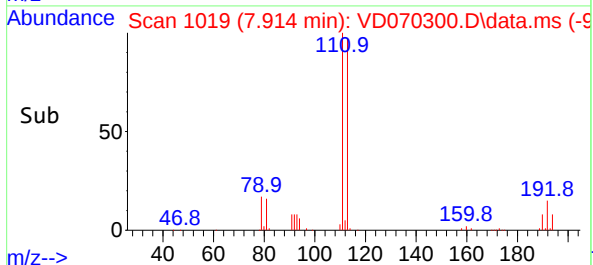
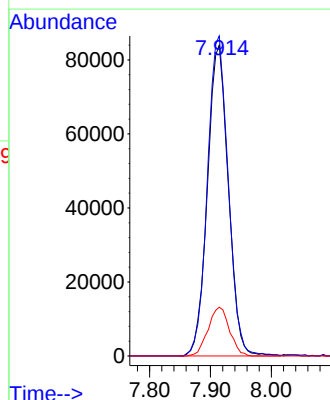
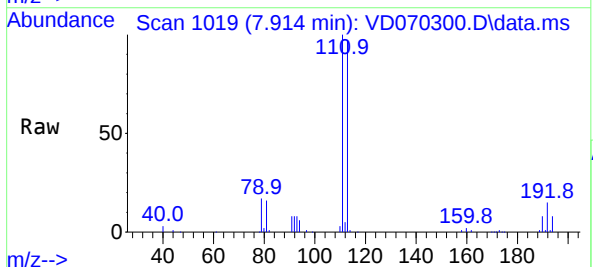
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	43.4
88	16.8	0.0	33.4

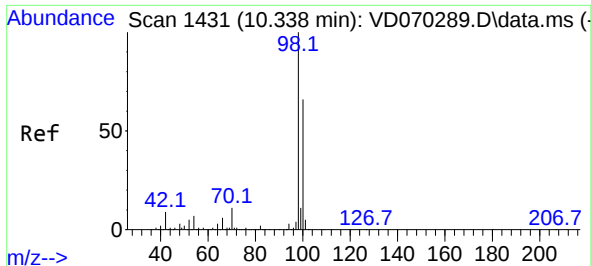


#35
Dibromofluoromethane
Concen: 59.788 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070300.D
Acq: 10 Sep 2021 15:22

Tgt Ion:113 Resp: 200532

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.4	122.2
192	16.0	13.0	19.6

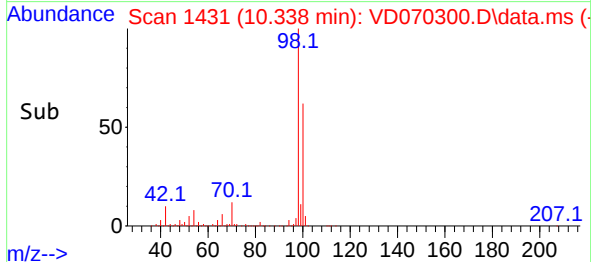
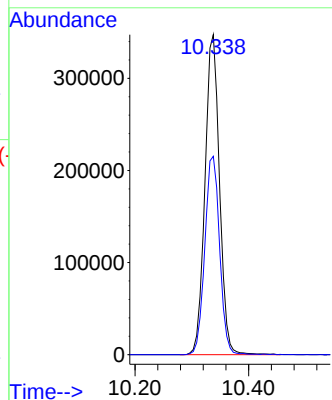
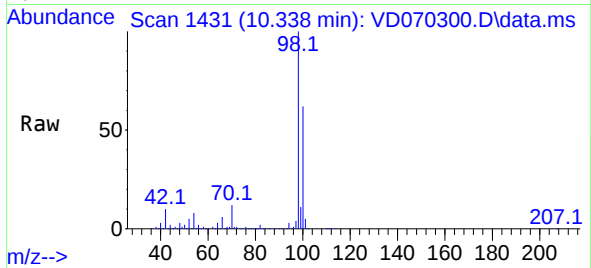




#50
Toluene-d8
Concen: 50.549 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD070300.D
Acq: 10 Sep 2021 15:22

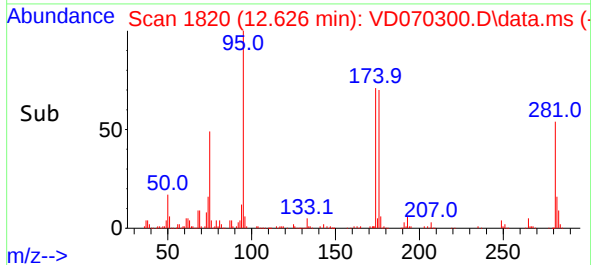
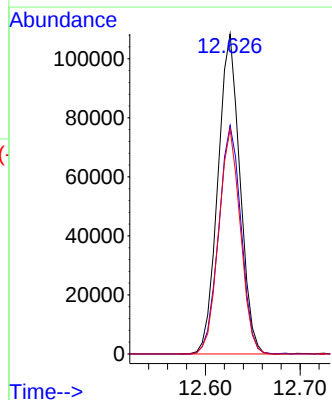
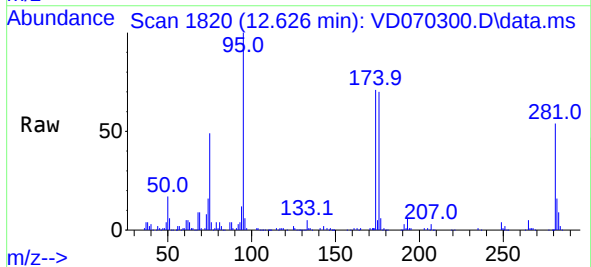
Instrument :
MSVOA_D
ClientSampleId :
A018015

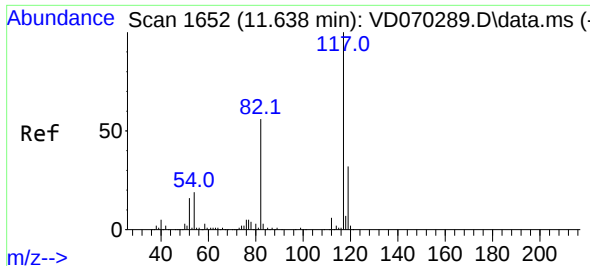
Tgt Ion: 98 Resp: 615576
Ion Ratio Lower Upper
98 100
100 63.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.217 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070300.D
Acq: 10 Sep 2021 15:22

Tgt Ion: 95 Resp: 175420
Ion Ratio Lower Upper
95 100
174 72.3 0.0 140.6
176 69.2 0.0 137.4

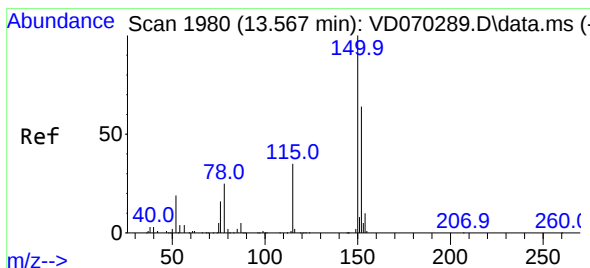
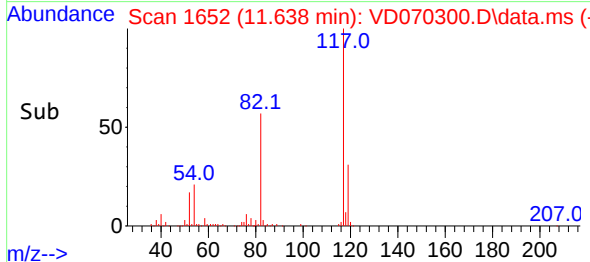
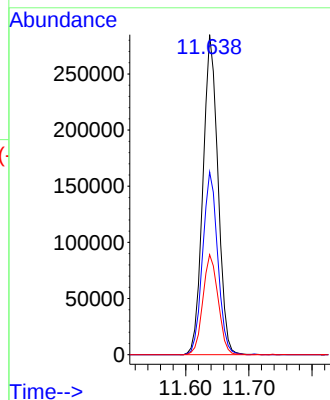
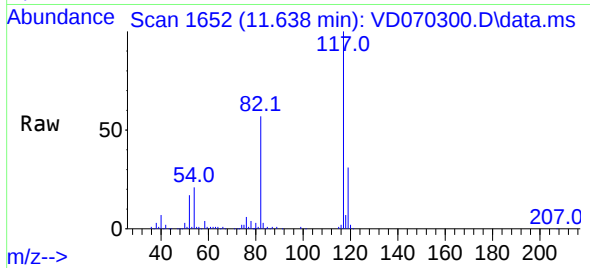




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070300.D
Acq: 10 Sep 2021 15:22

Instrument :
MSVOA_D
ClientSampled :
A018015

Tgt Ion:117 Resp: 470236
Ion Ratio Lower Upper
117 100
82 57.1 45.0 67.4
119 31.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070300.D
Acq: 10 Sep 2021 15:22

Tgt Ion:152 Resp: 137121
Ion Ratio Lower Upper
152 100
115 62.6 32.1 96.3
150 155.6 0.0 350.6

