

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091321\
 Data File : VD070336.D
 Acq On : 13 Sep 2021 19:48
 Operator : VA/SY
 Sample : M3687-25
 Misc : 5.71G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A015015

Quant Time: Sep 14 00:56:42 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	7.979	168	378424	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	779224	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	902907	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	417392	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	258914	53.285	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.560%
35) Dibromofluoromethane	7.914	113	276223	49.800	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.600%
50) Toluene-d8	10.338	98	1042800	51.782	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.560%
62) 4-Bromofluorobenzene	12.626	95	435101	61.821	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	123.640%

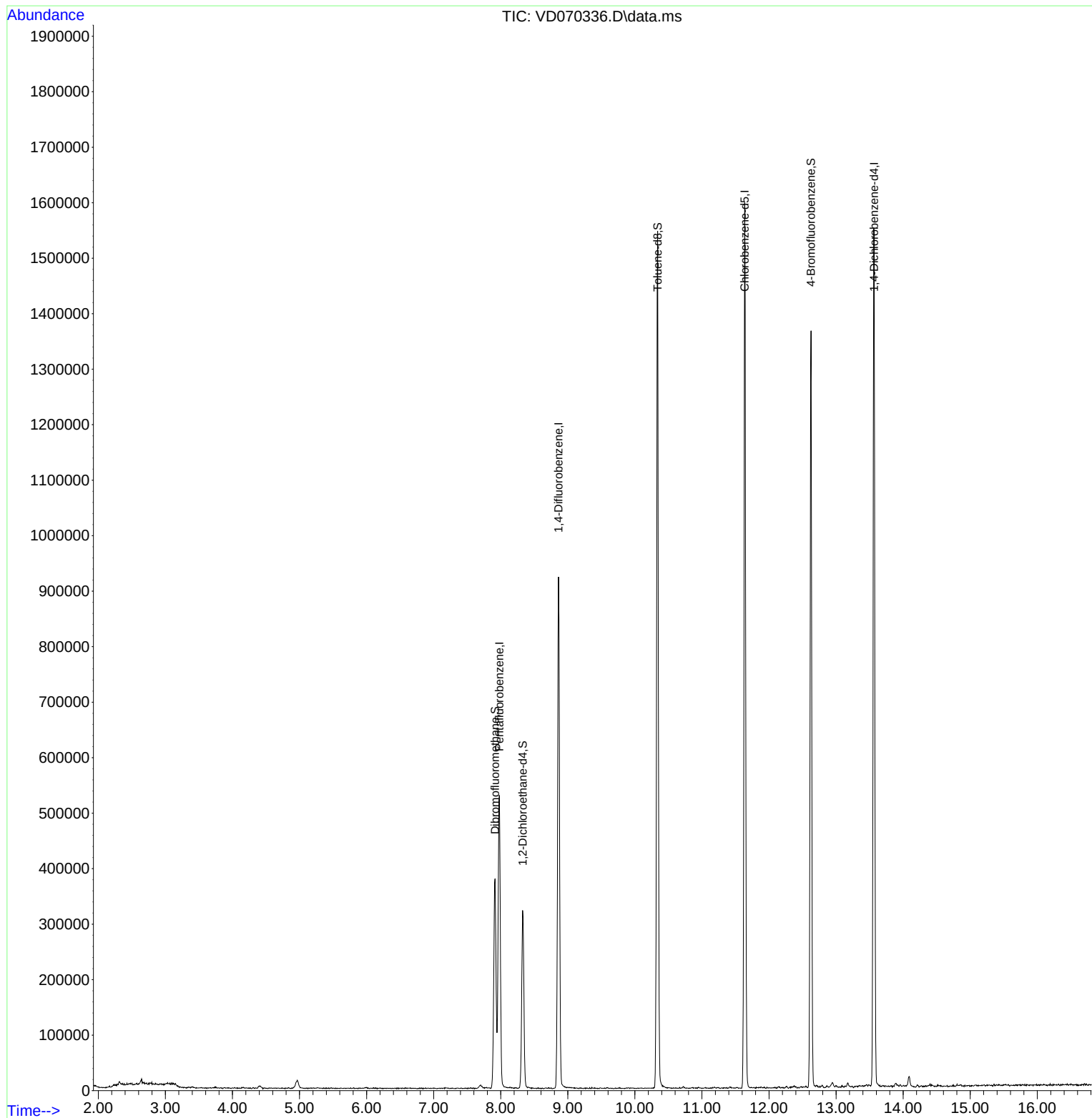
Target Compounds	Qvalue

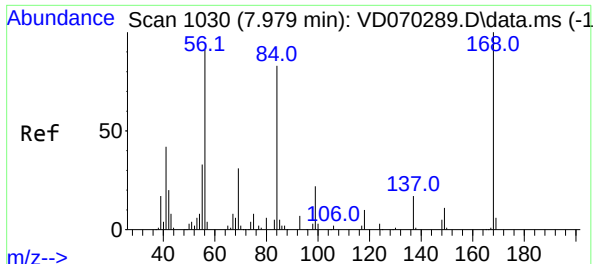
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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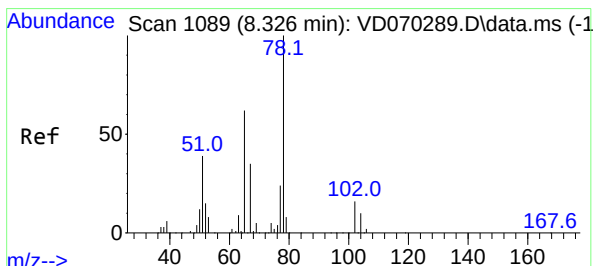
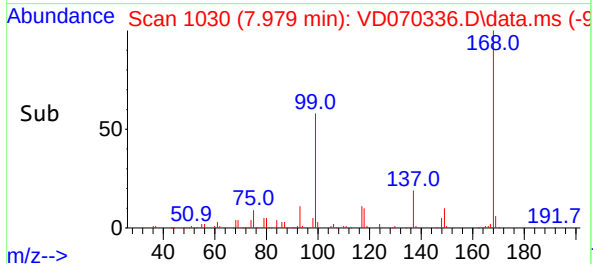
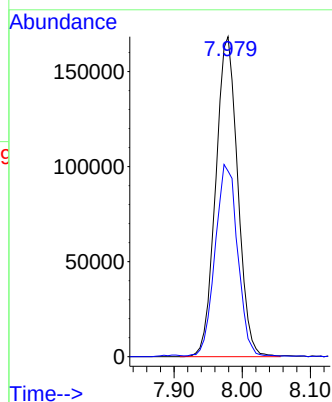
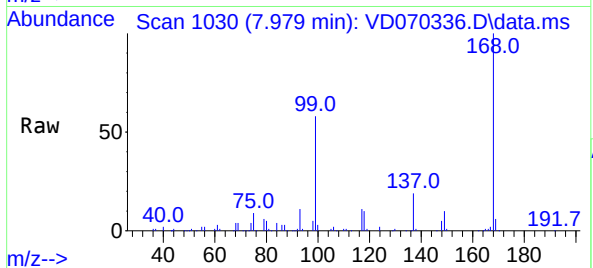




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070336.D
Acq: 13 Sep 2021 19:48

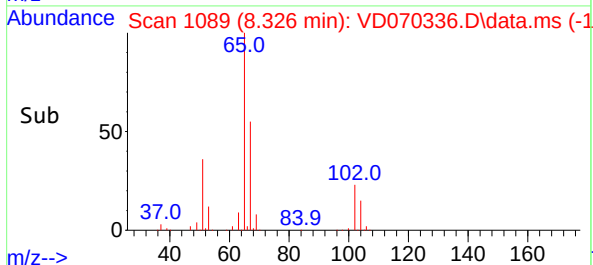
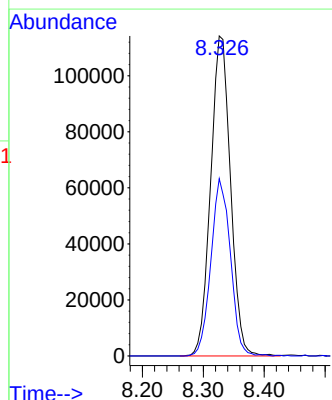
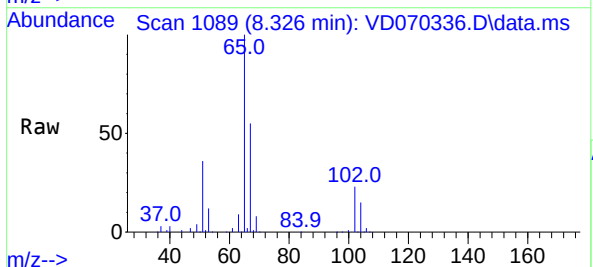
Instrument :
MSVOA_D
ClientSampleId :
A015015

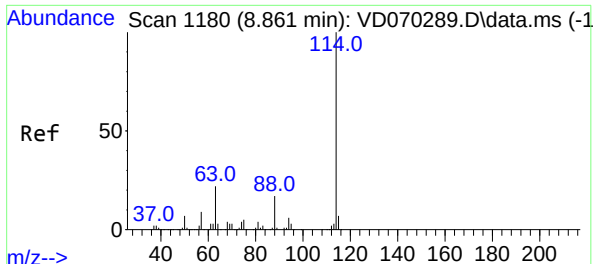
Tgt Ion:168 Resp: 378424
Ion Ratio Lower Upper
168 100
99 57.8 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 53.285 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070336.D
Acq: 13 Sep 2021 19:48

Tgt Ion: 65 Resp: 258914
Ion Ratio Lower Upper
65 100
67 54.3 0.0 111.4

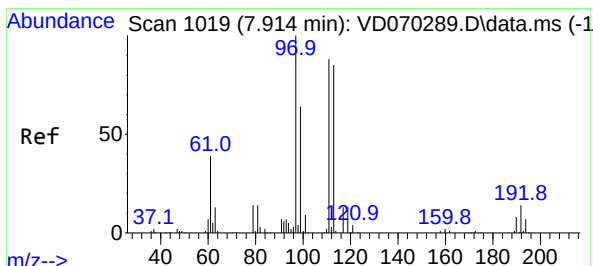
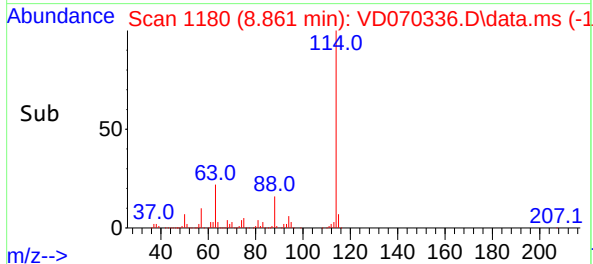
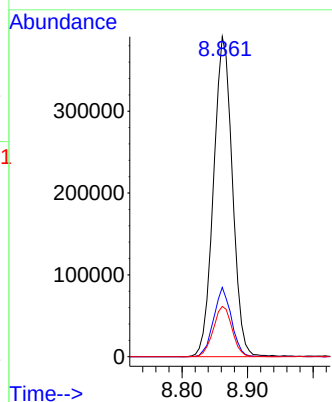
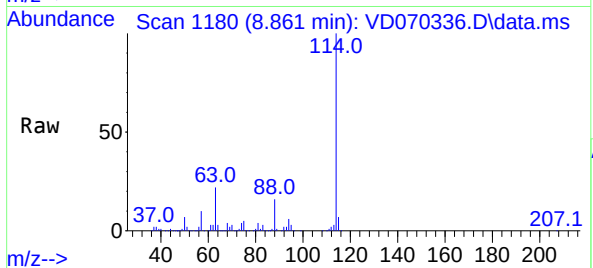




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070336.D
Acq: 13 Sep 2021 19:48

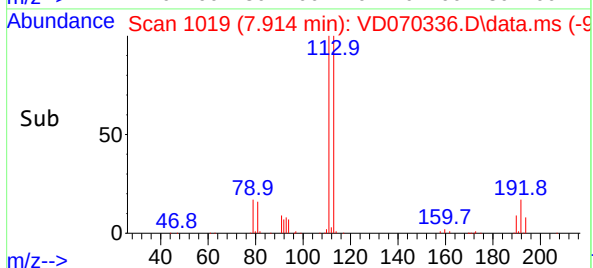
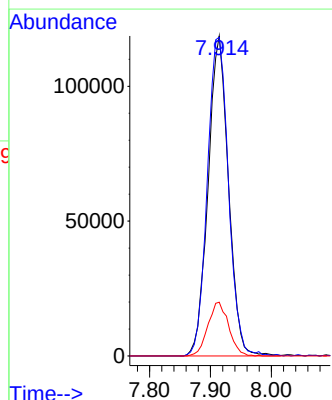
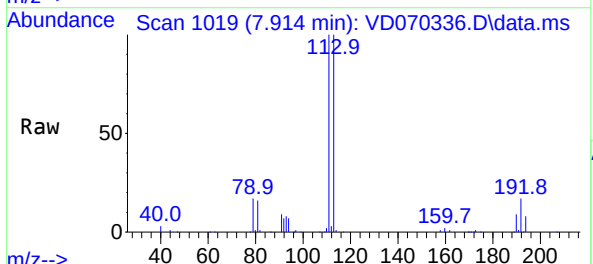
Instrument :
MSVOA_D
ClientSampleId :
A015015

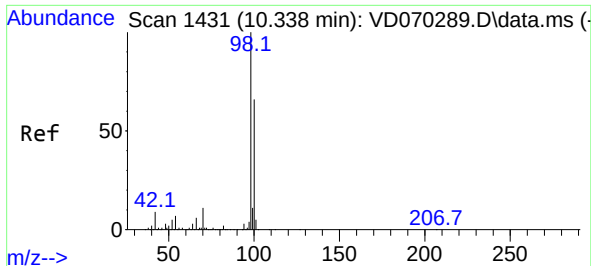
Tgt Ion:	114	Resp:	779224
Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	43.4
88	15.7	0.0	33.4



#35
Dibromofluoromethane
Concen: 49.800 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070336.D
Acq: 13 Sep 2021 19:48

Tgt Ion:	113	Resp:	276223
Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.4	122.2
192	17.1	13.0	19.6

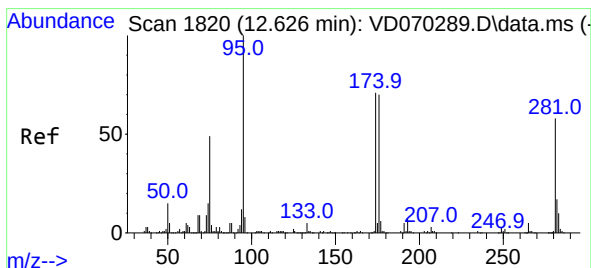
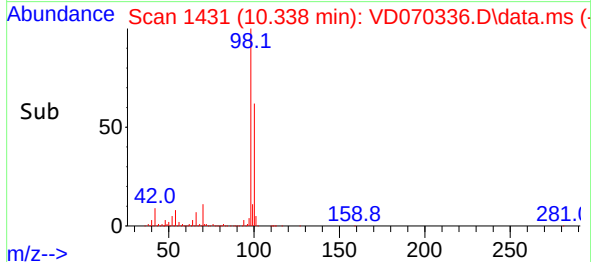
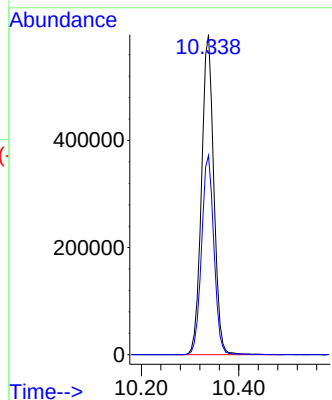
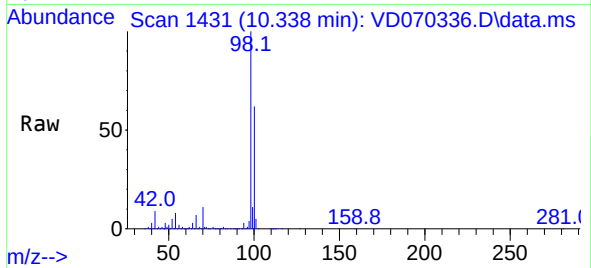




#50
Toluene-d8
Concen: 51.782 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD070336.D
Acq: 13 Sep 2021 19:48

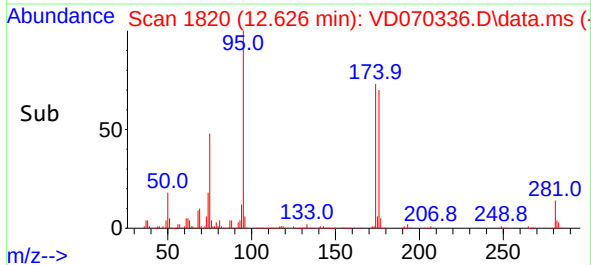
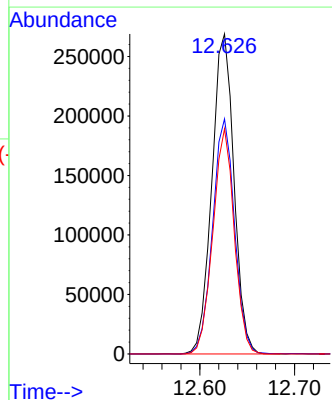
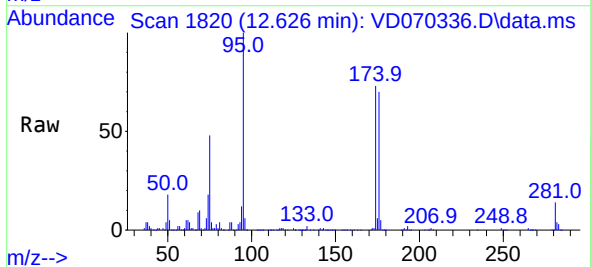
Instrument :
MSVOA_D
ClientSampleId :
A015015

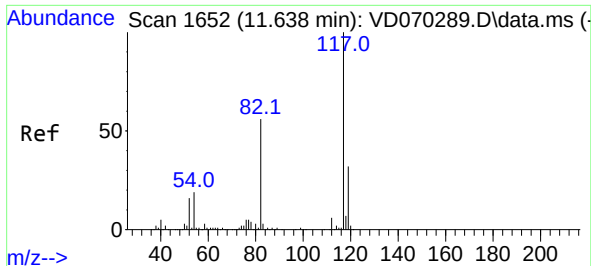
Tgt Ion: 98 Resp: 1042800
Ion Ratio Lower Upper
98 100
100 62.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 61.821 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070336.D
Acq: 13 Sep 2021 19:48

Tgt Ion: 95 Resp: 435101
Ion Ratio Lower Upper
95 100
174 73.2 0.0 140.6
176 68.0 0.0 137.4

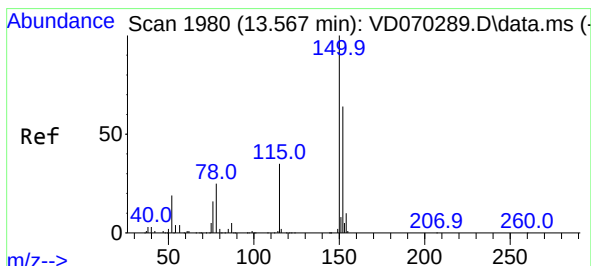
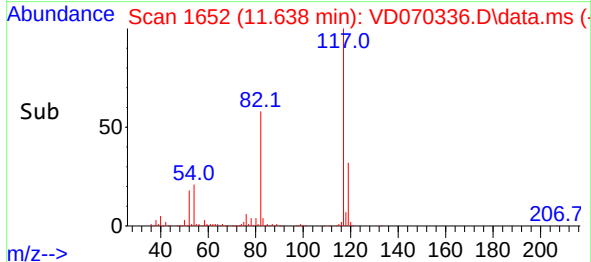
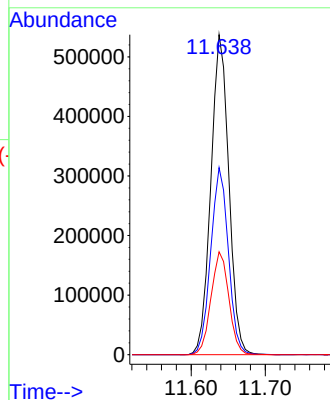
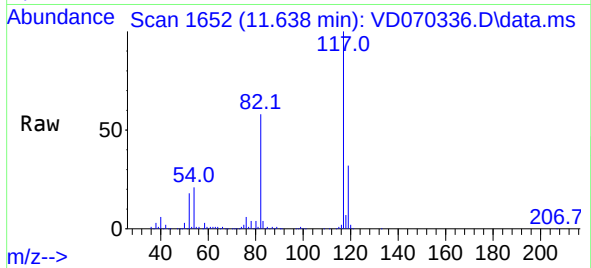




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070336.D
Acq: 13 Sep 2021 19:48

Instrument :
MSVOA_D
ClientSampleId :
A015015

Tgt Ion:	117	Resp:	902907
Ion	Ratio	Lower	Upper
117	100		
82	58.5	45.0	67.4
119	32.1	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: VD070336.D
Acq: 13 Sep 2021 19:48

Tgt Ion:	152	Resp:	417392
Ion	Ratio	Lower	Upper
152	100		
115	61.8	32.1	96.3
150	156.8	0.0	350.6

