

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081921\
 Data File : VD070191.D
 Acq On : 20 Aug 2021 04:14
 Operator : VA/SY
 Sample : M3449-13
 Misc : 5.27G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP5

Quant Time: Aug 20 05:51:05 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	50442	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	88168	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	100117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	41450	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	52770	88.947	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	177.900%#
35) Dibromofluoromethane	7.914	113	35947	63.107	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	126.220%
50) Toluene-d8	10.332	98	112411	50.738	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.480%
62) 4-Bromofluorobenzene	12.626	95	39308	53.866	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.740%

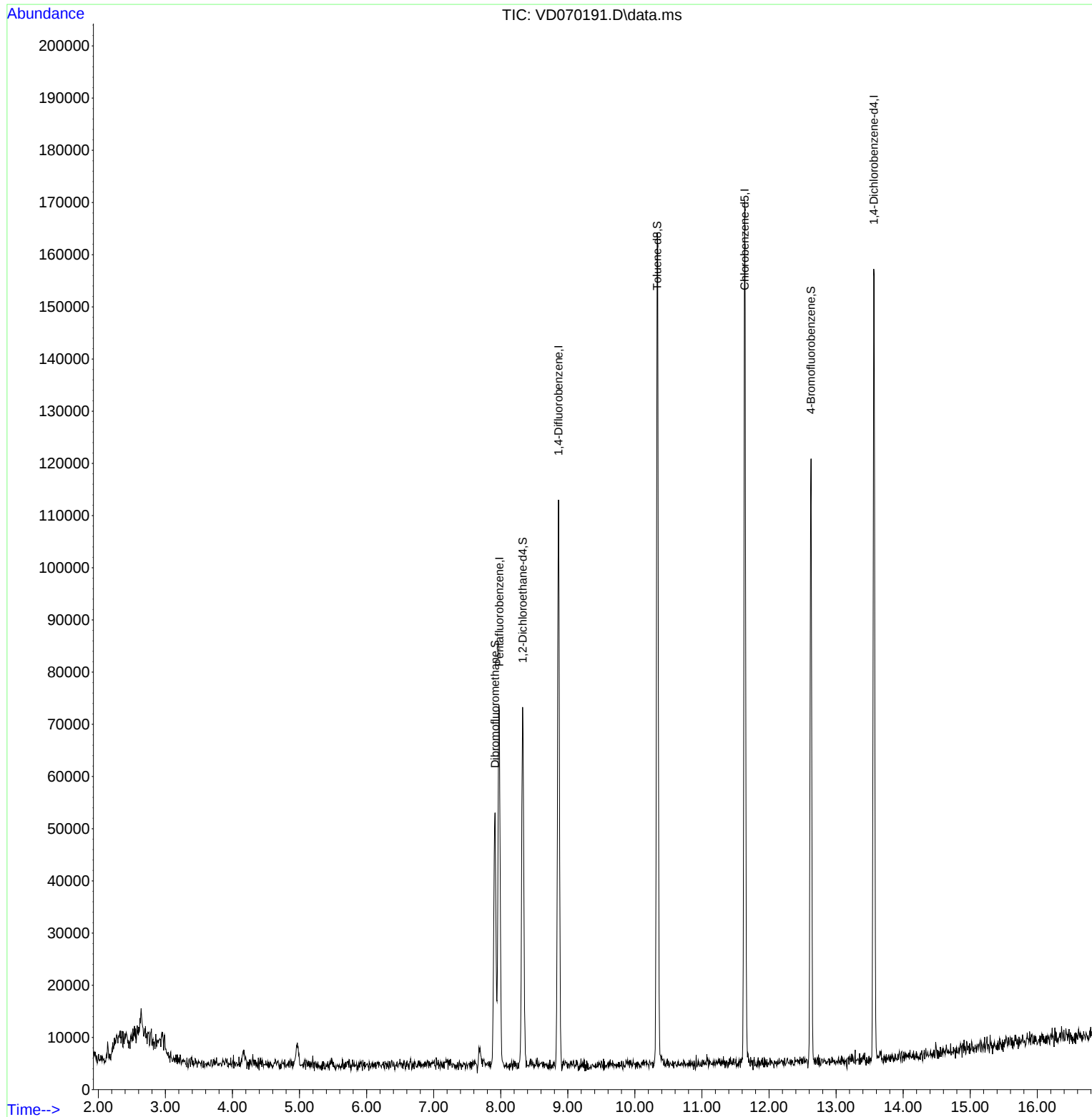
Target Compounds	Qvalue

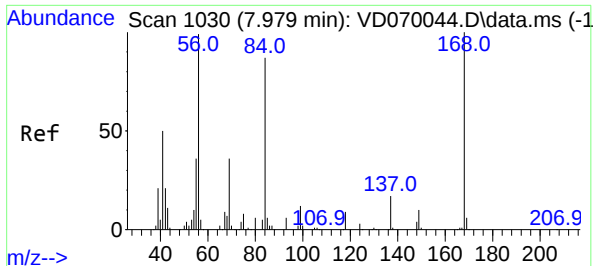
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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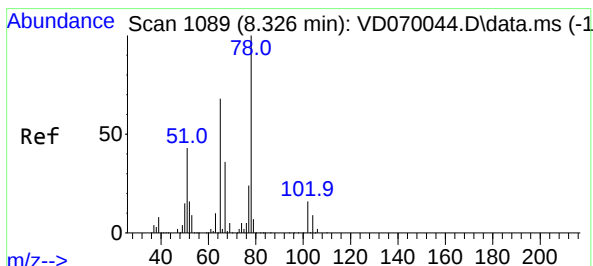
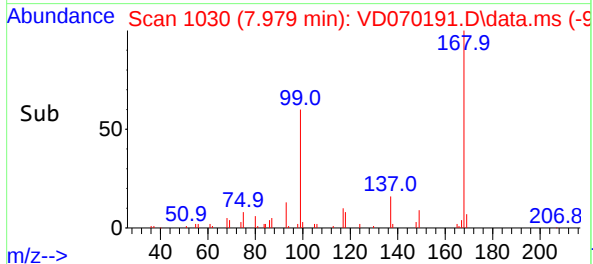
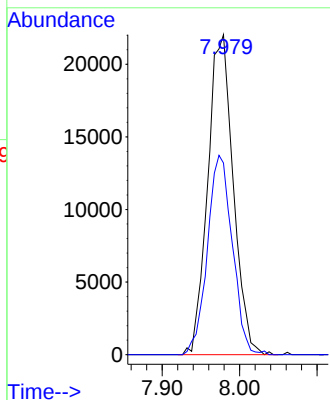
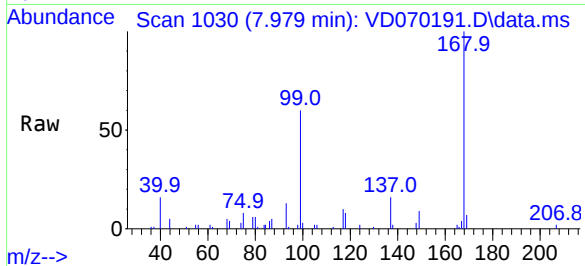




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070191.D
Acq: 20 Aug 2021 04:14

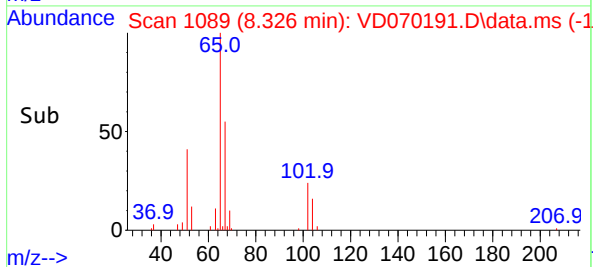
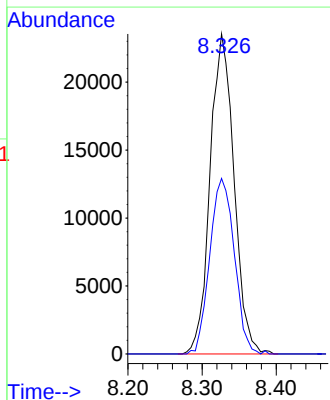
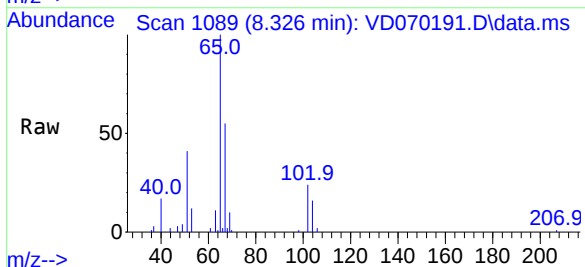
Instrument :
MSVOA_D
ClientSampleId :
TP5

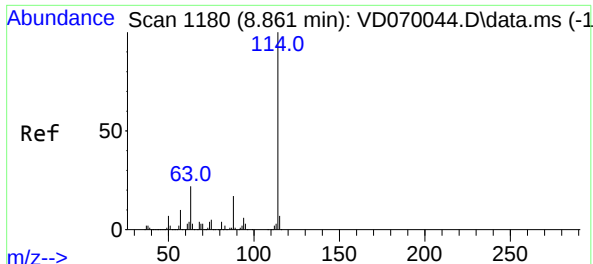
Tgt Ion:168 Resp: 50442
Ion Ratio Lower Upper
168 100
99 59.9 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 88.947 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070191.D
Acq: 20 Aug 2021 04:14

Tgt Ion: 65 Resp: 52770
Ion Ratio Lower Upper
65 100
67 56.3 0.0 107.8



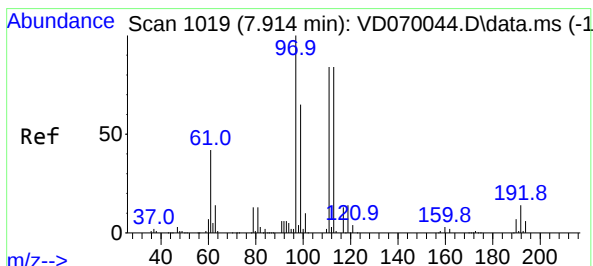
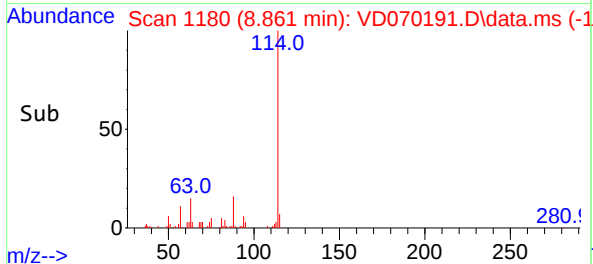
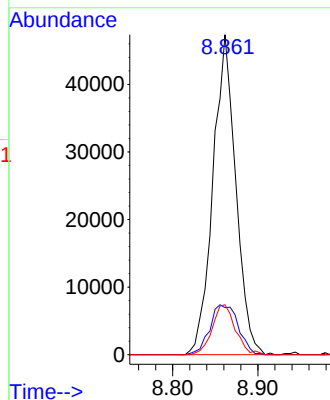
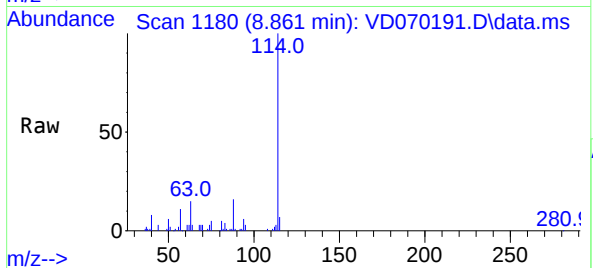


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070191.D
Acq: 20 Aug 2021 04:14

Instrument :
MSVOA_D
ClientSampled :
TP5

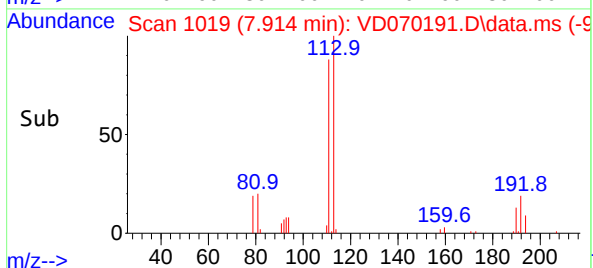
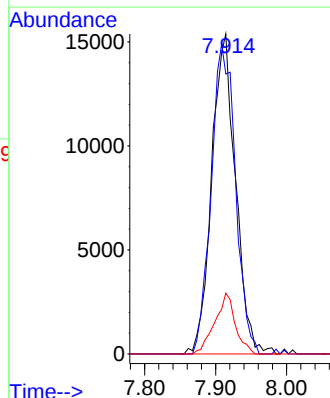
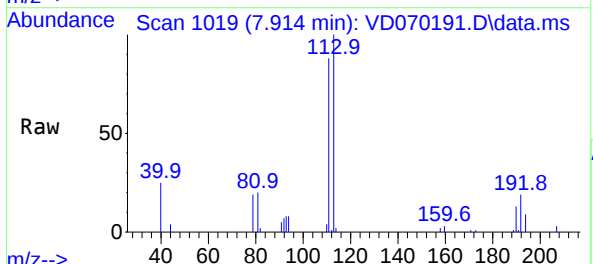
Tgt Ion:	114	Resp:	88168
Ion Ratio	Lower	Upper	
114	100		
63	14.7	0.0	43.6
88	15.6	0.0	33.4

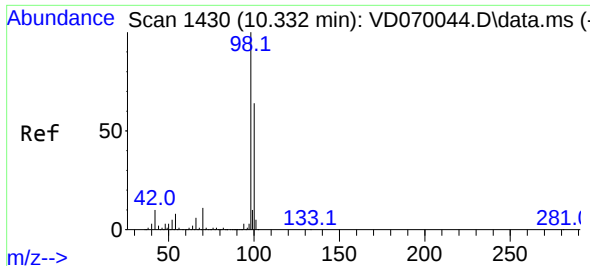


#35

Dibromofluoromethane
Concen: 63.107 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070191.D
Acq: 20 Aug 2021 04:14

Tgt Ion:	113	Resp:	35947
Ion Ratio	Lower	Upper	
113	100		
111	98.0	81.8	122.6
192	16.3	13.2	19.8

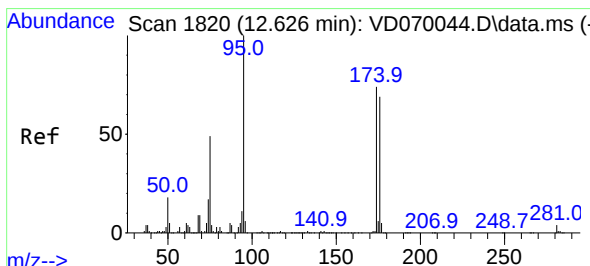
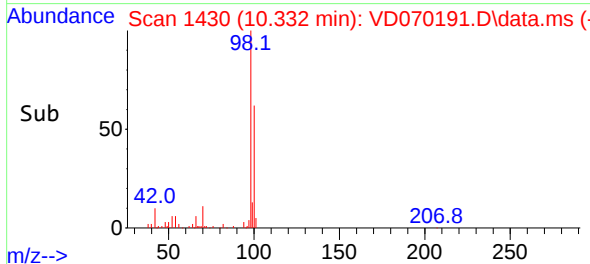
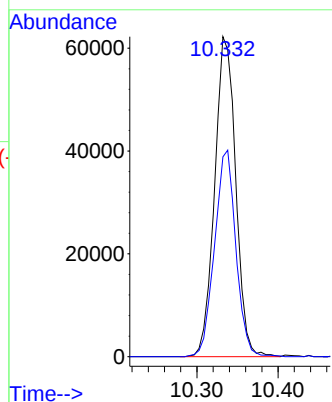
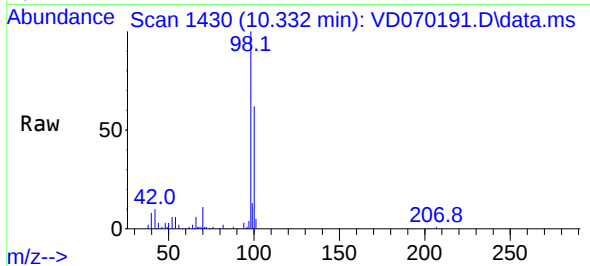




#50
Toluene-d8
Concen: 50.738 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070191.D
Acq: 20 Aug 2021 04:14

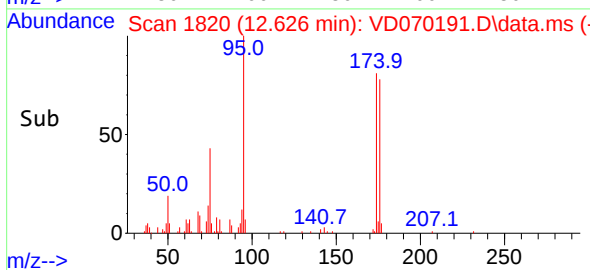
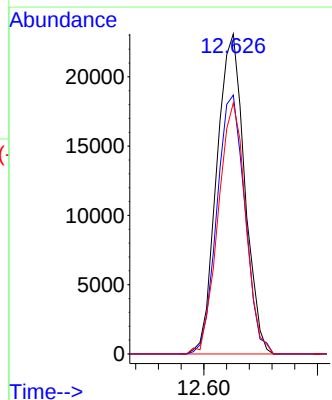
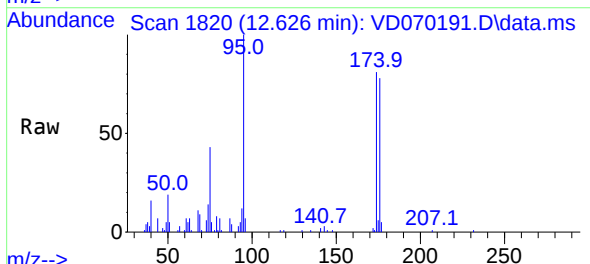
Instrument :
MSVOA_D
ClientSampleId :
TP5

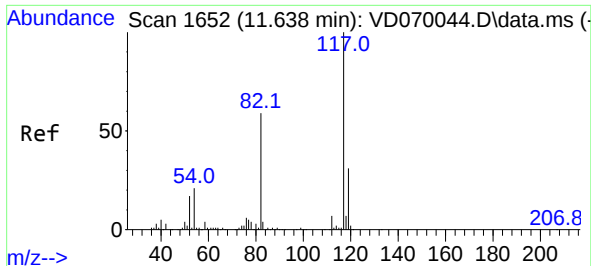
Tgt Ion: 98 Resp: 112411
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 53.866 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070191.D
Acq: 20 Aug 2021 04:14

Tgt Ion: 95 Resp: 39308
Ion Ratio Lower Upper
95 100
174 81.1 0.0 141.6
176 77.2 0.0 138.2

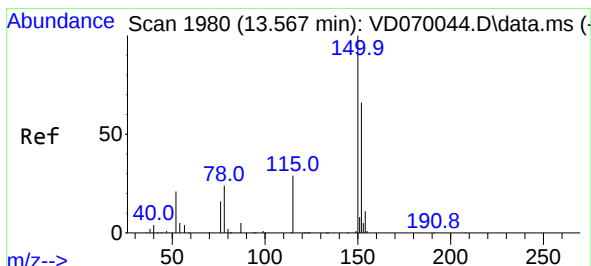
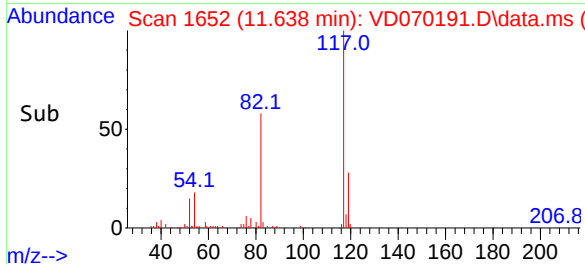
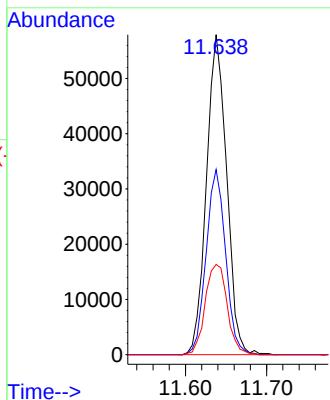
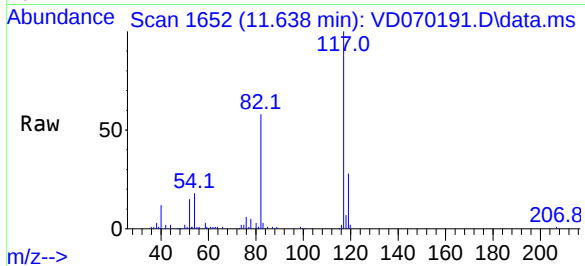




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070191.D
Acq: 20 Aug 2021 04:14

Instrument :
MSVOA_D
ClientSampled :
TP5

Tgt Ion:	117	Resp:	100
Ion Ratio	Lower	Upper	
117	100		
82	57.9	47.5	71.3
119	28.2	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070191.D
Acq: 20 Aug 2021 04:14

Tgt Ion:	152	Resp:	41450
Ion Ratio	Lower	Upper	
152	100		
115	58.0	31.2	93.6
150	160.9	0.0	352.0

