

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081921\
 Data File : VD070187.D
 Acq On : 20 Aug 2021 02:19
 Operator : VA/SY
 Sample : M3449-01
 Misc : 4.84G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP1

Quant Time: Aug 20 05:50:33 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	274717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	572393	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	602005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	264996	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	241048	74.602	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	149.200%
35) Dibromofluoromethane	7.914	113	210484	56.918	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.840%
50) Toluene-d8	10.338	98	749018	52.075	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.160%
62) 4-Bromofluorobenzene	12.626	95	257584	54.371	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.740%

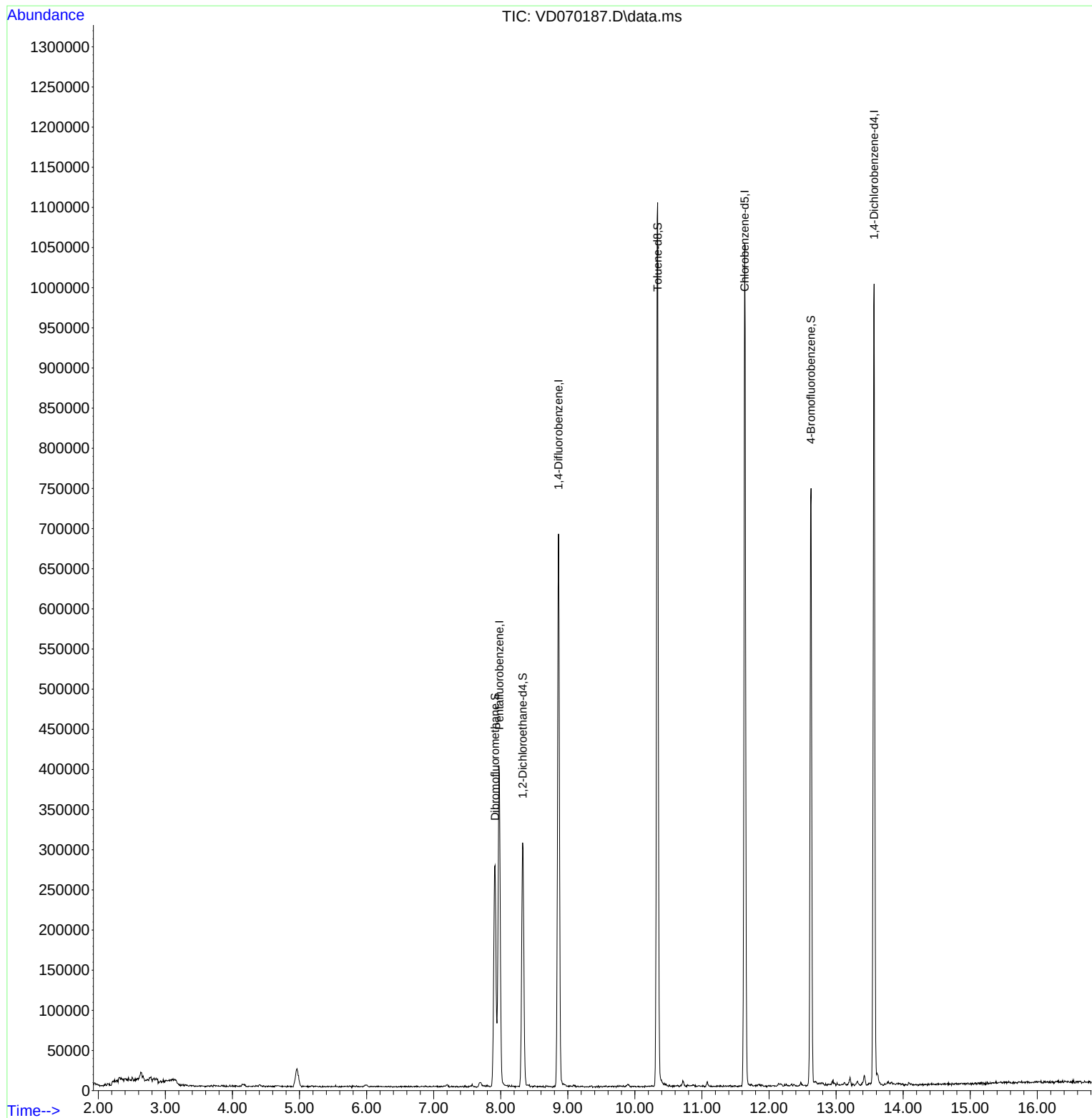
Target Compounds	Qvalue

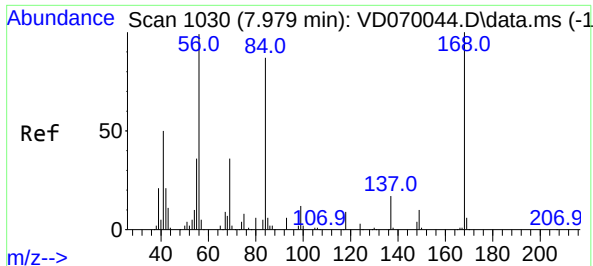
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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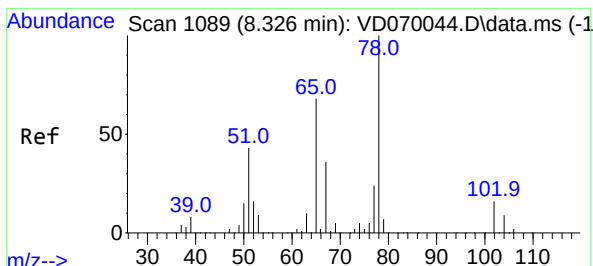
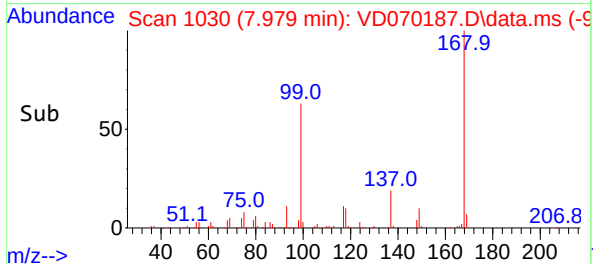
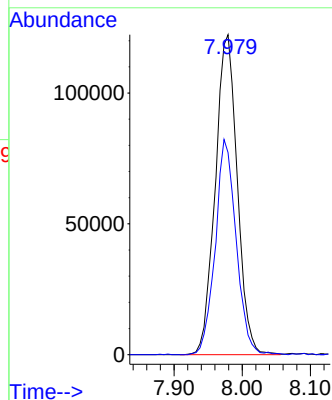
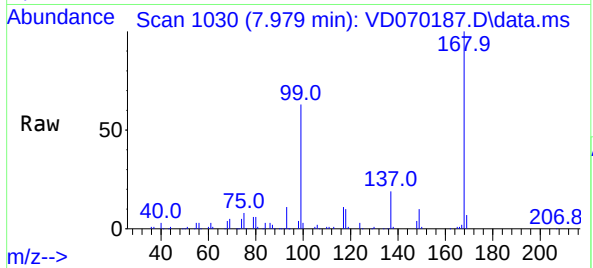




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070187.D
Acq: 20 Aug 2021 02:19

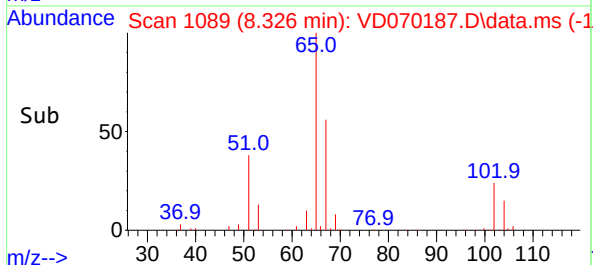
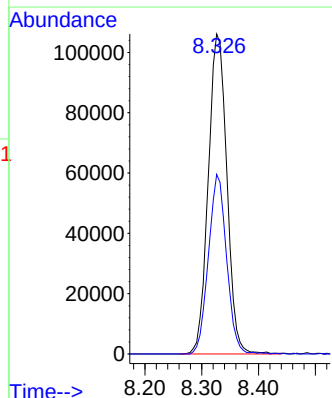
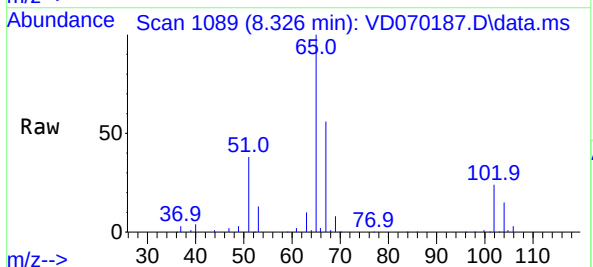
Instrument :
MSVOA_D
ClientSampled :
TP1

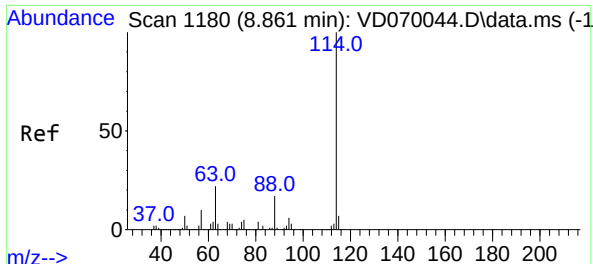
Tgt Ion:168 Resp: 274717
Ion Ratio Lower Upper
168 100
99 63.1 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 74.602 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070187.D
Acq: 20 Aug 2021 02:19

Tgt Ion: 65 Resp: 241048
Ion Ratio Lower Upper
65 100
67 54.7 0.0 107.8



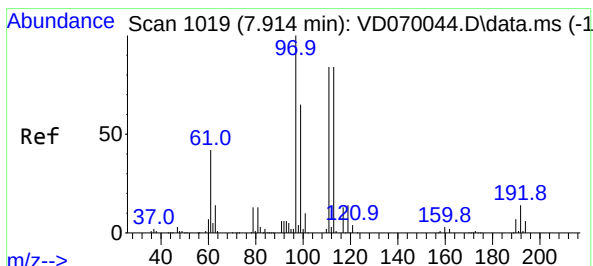
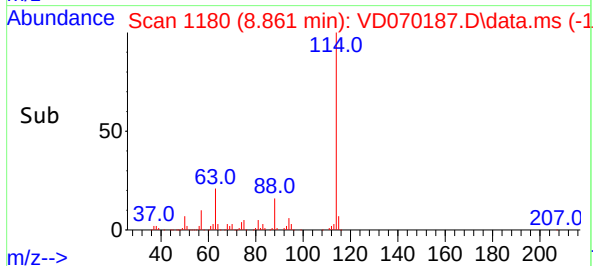
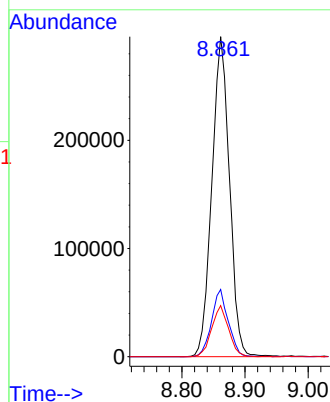
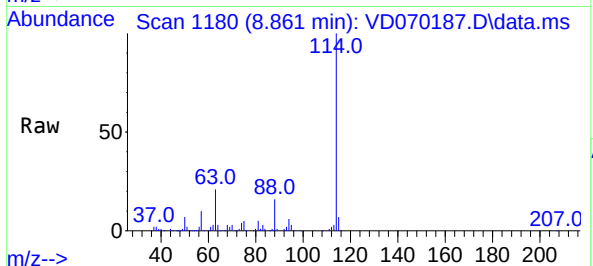


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070187.D
Acq: 20 Aug 2021 02:19

Instrument :
MSVOA_D
ClientSampleId :
TP1

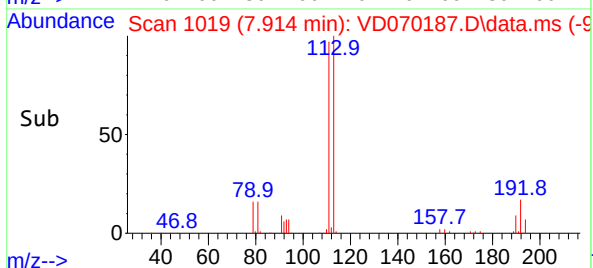
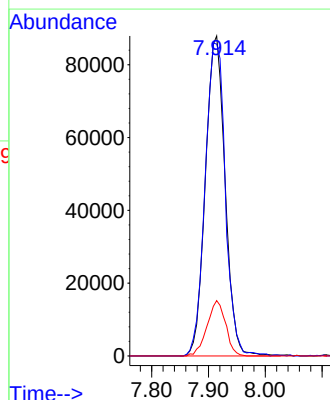
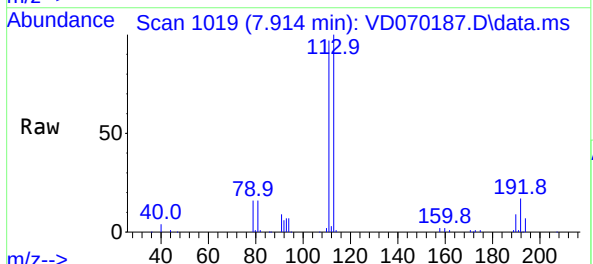
Tgt Ion:	114	Resp:	572393
Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	43.6
88	16.0	0.0	33.4

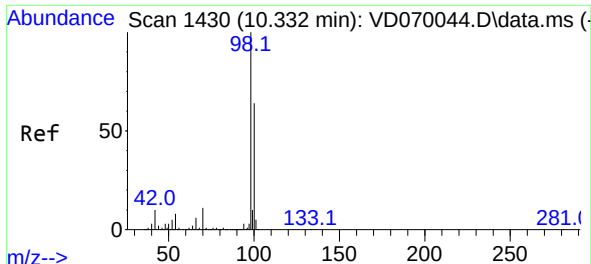


#35

Dibromofluoromethane
Concen: 56.918 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070187.D
Acq: 20 Aug 2021 02:19

Tgt Ion:	113	Resp:	210484
Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.8	122.6
192	16.4	13.2	19.8

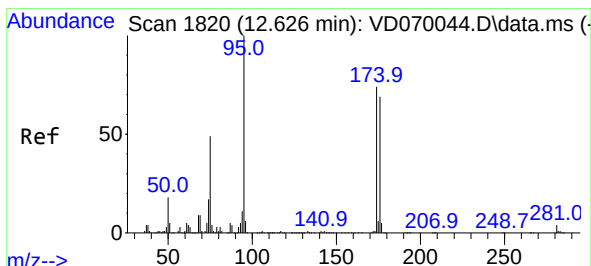
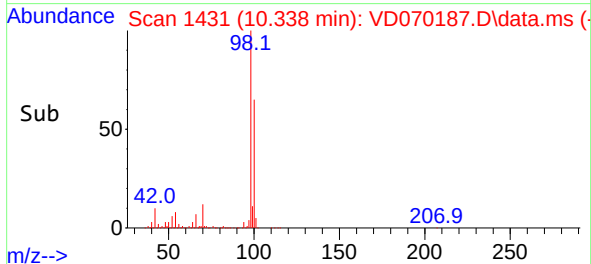
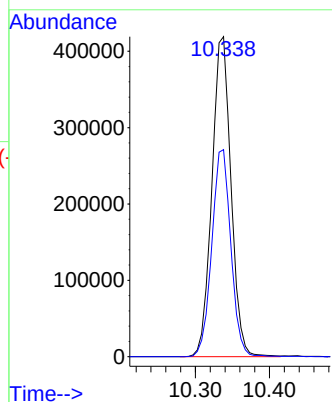
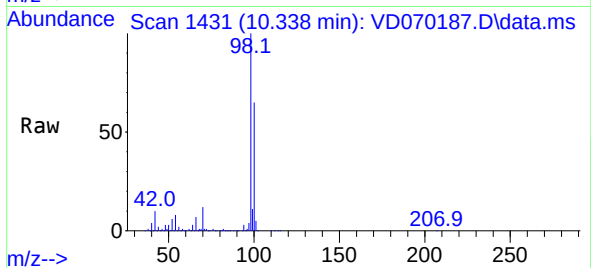




#50
Toluene-d8
Concen: 52.075 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070187.D
Acq: 20 Aug 2021 02:19

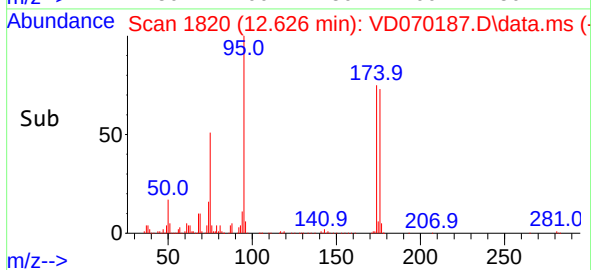
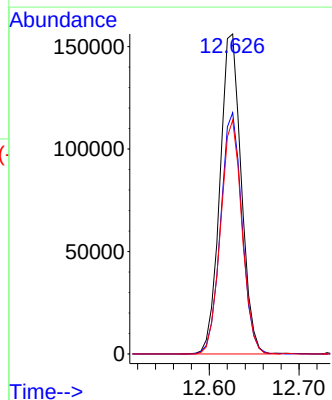
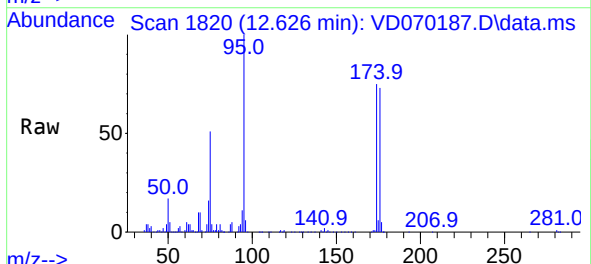
Instrument :
MSVOA_D
ClientSampled :
TP1

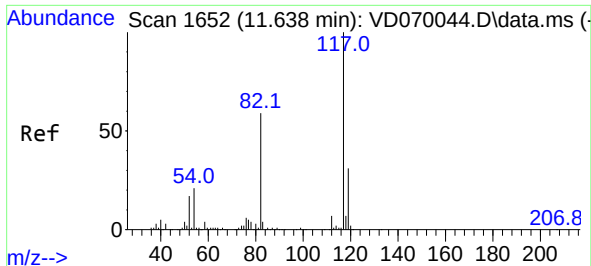
Tgt Ion: 98 Resp: 749018
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 54.371 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070187.D
Acq: 20 Aug 2021 02:19

Tgt Ion: 95 Resp: 257584
Ion Ratio Lower Upper
95 100
174 75.4 0.0 141.6
176 73.0 0.0 138.2

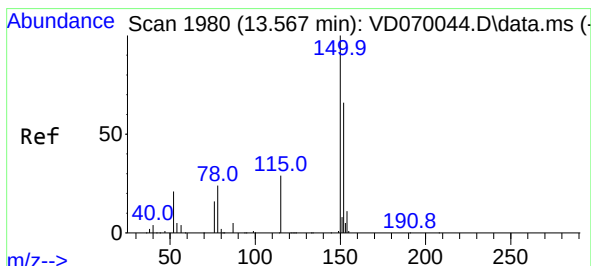
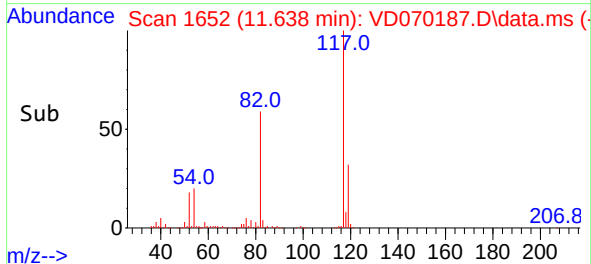
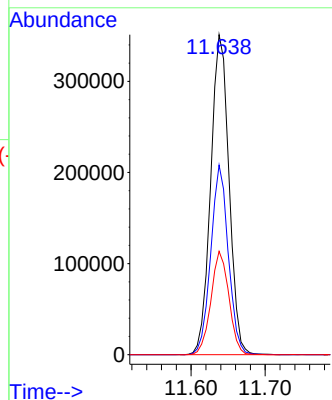
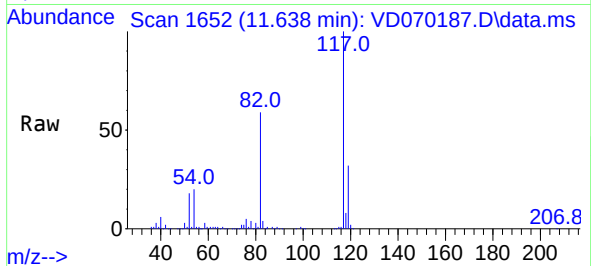




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070187.D
Acq: 20 Aug 2021 02:19

Instrument :
MSVOA_D
ClientSampled :
TP1

Tgt Ion:117 Resp: 602005
Ion Ratio Lower Upper
117 100
82 59.3 47.5 71.3
119 32.3 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: VD070187.D
Acq: 20 Aug 2021 02:19

Tgt Ion:152 Resp: 264996
Ion Ratio Lower Upper
152 100
115 61.2 31.2 93.6
150 157.9 0.0 352.0

