

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012021\
 Data File : VD068120.D
 Acq On : 20 Jan 2021 18:27
 Operator : VA/SY
 Sample : M1169-01
 Misc : 5.54G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-D

Quant Time: Jan 20 23:47:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	587585	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	998996	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.650	117	986887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	447335	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	262751	46.75	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.50%
35) Dibromofluoromethane	7.914	113	286269	51.83	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.66%
50) Toluene-d8	10.344	98	1254810	56.80	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.60%
62) 4-Bromofluorobenzene	12.632	95	467199	58.73	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.46%

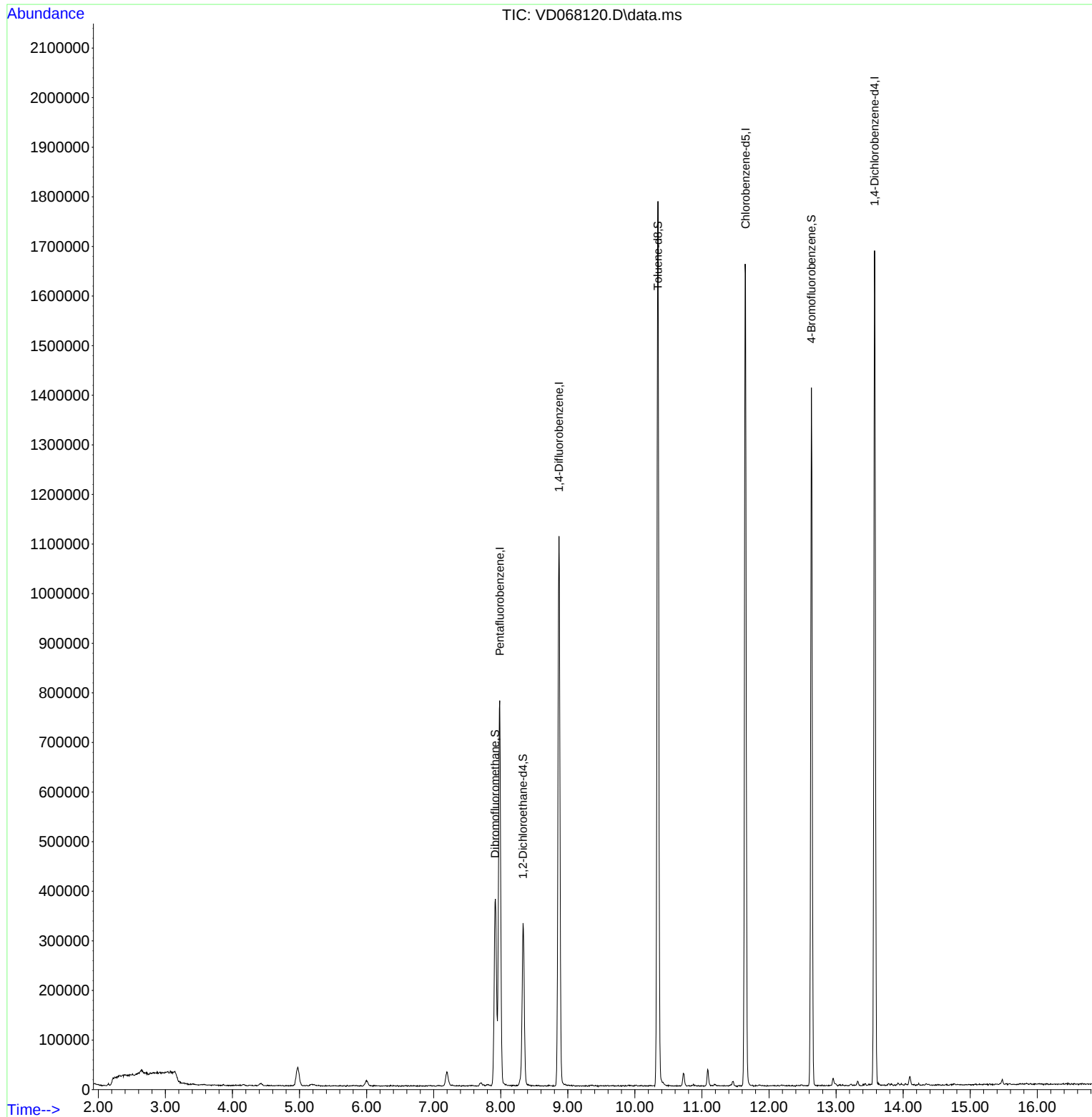
Target Compounds	Qvalue

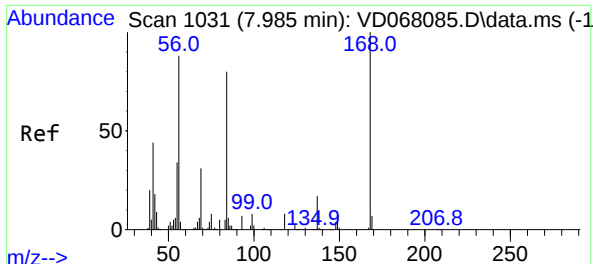
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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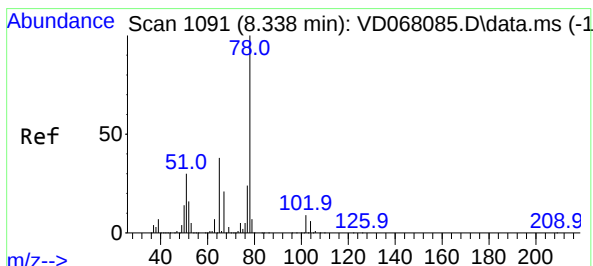
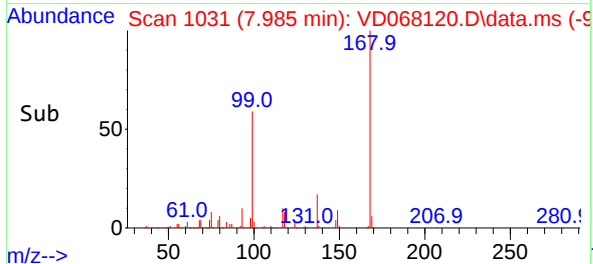
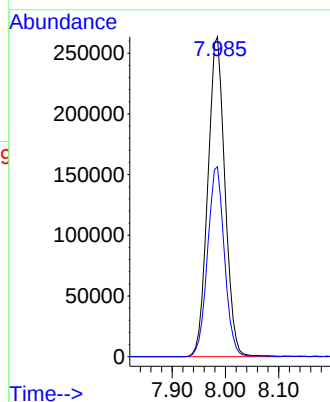
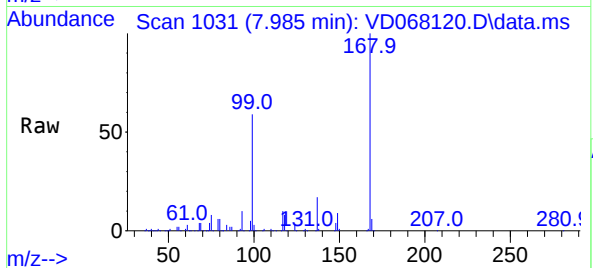




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068120.D
Acq: 20 Jan 2021 18:27

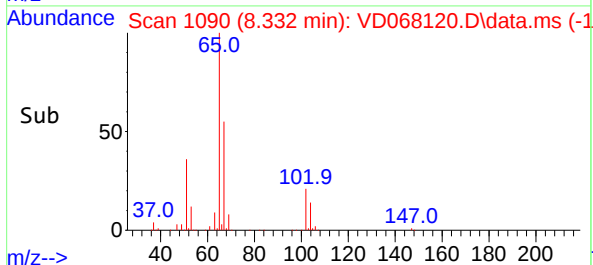
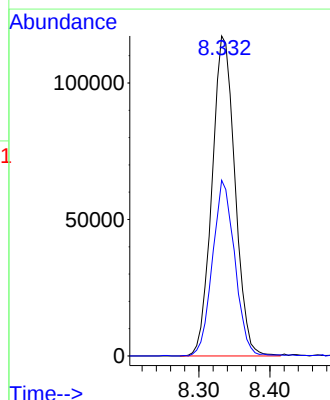
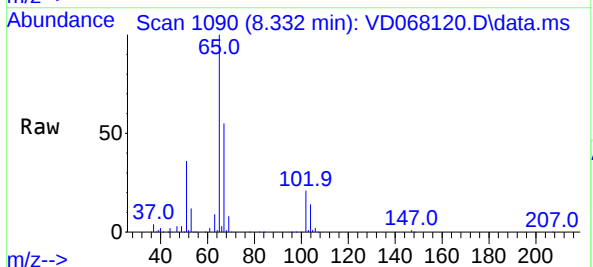
Instrument :
MSVOA_D
ClientSampleId :
TP-D

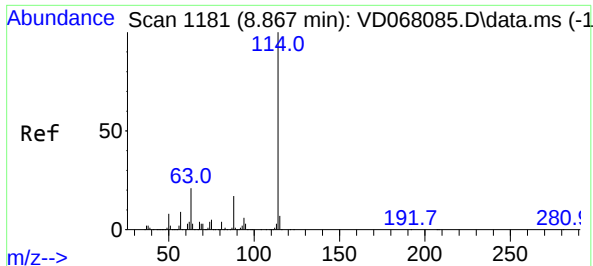
Tgt Ion:168 Resp: 587585
Ion Ratio Lower Upper
168 100
99 59.3 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 46.75 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068120.D
Acq: 20 Jan 2021 18:27

Tgt Ion: 65 Resp: 262751
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.0



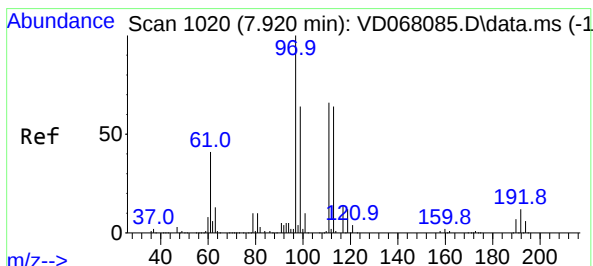
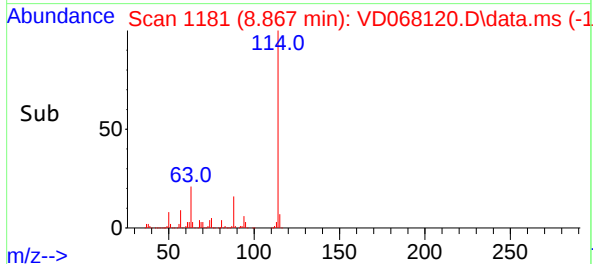
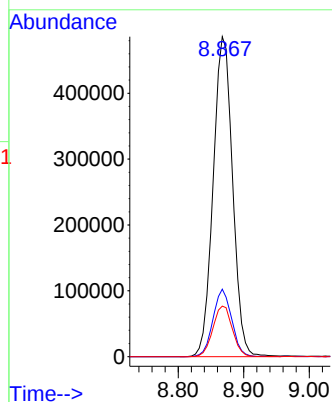
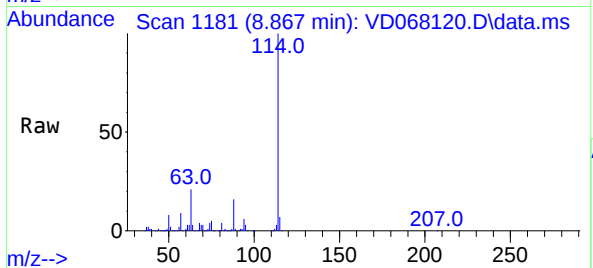


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068120.D
Acq: 20 Jan 2021 18:27

Instrument :
MSVOA_D
ClientSampleId :
TP-D

Tgt Ion:114 Resp: 998996

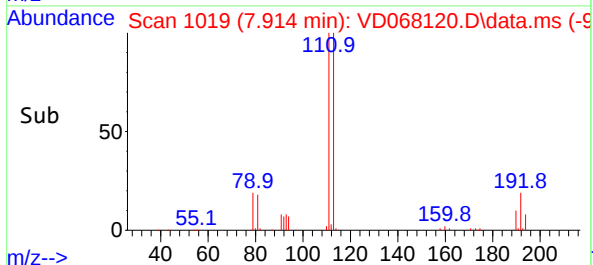
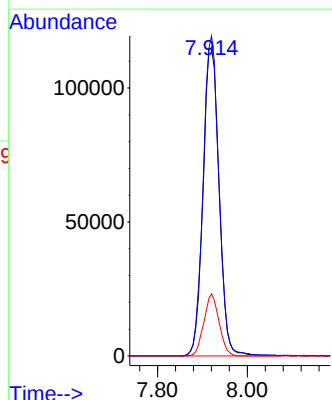
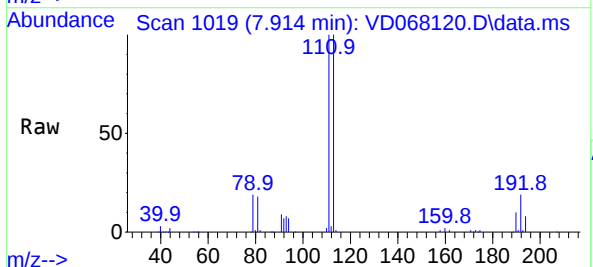
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	34.8
88	15.8	0.0	31.6

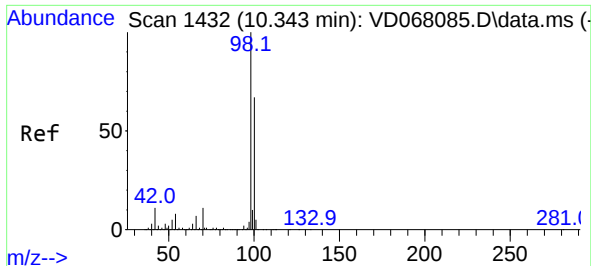


#35
Dibromofluoromethane
Concen: 51.83 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068120.D
Acq: 20 Jan 2021 18:27

Tgt Ion:113 Resp: 286269

Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.4	122.0
192	18.9	16.1	24.1

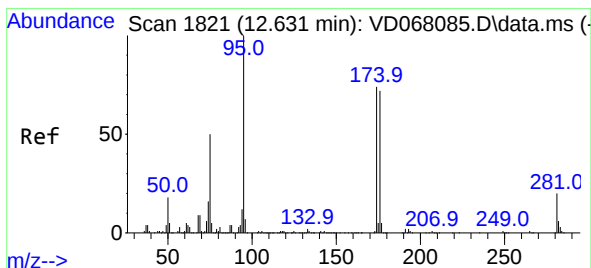
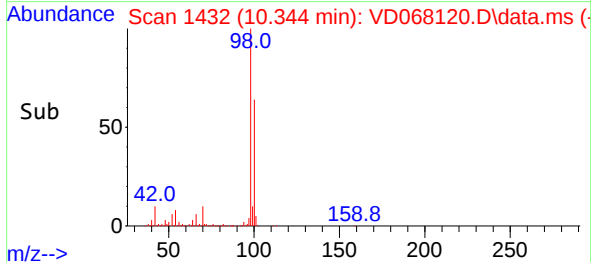
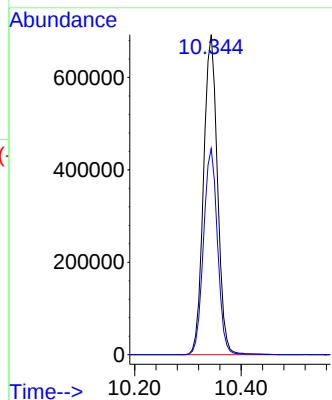
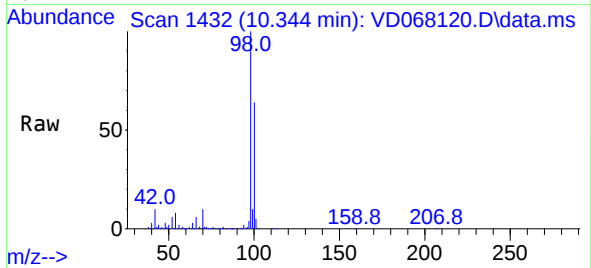




#50
Toluene-d8
Concen: 56.80 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068120.D
Acq: 20 Jan 2021 18:27

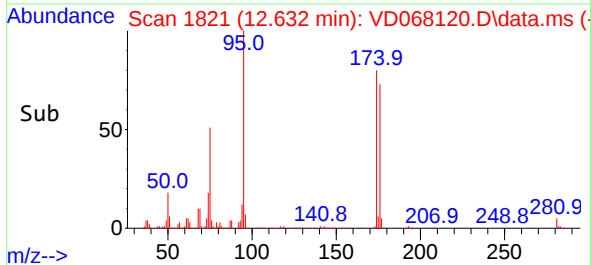
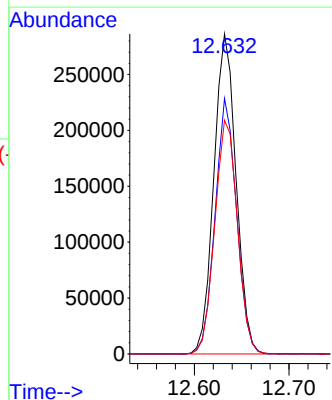
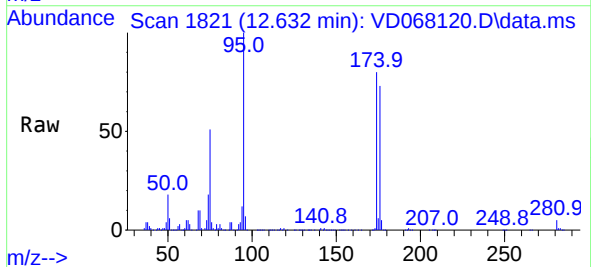
Instrument :
MSVOA_D
ClientSampleId :
TP-D

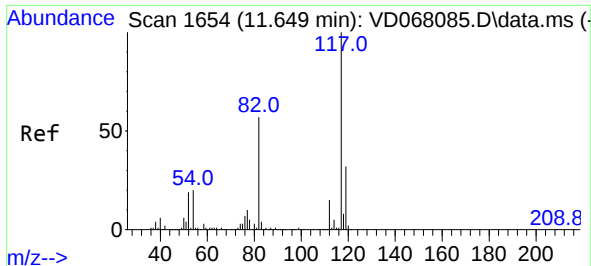
Tgt Ion: 98 Resp: 1254810
Ion Ratio Lower Upper
98 100
100 64.8 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 58.73 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068120.D
Acq: 20 Jan 2021 18:27

Tgt Ion: 95 Resp: 467199
Ion Ratio Lower Upper
95 100
174 77.2 0.0 172.4
176 74.2 0.0 168.4



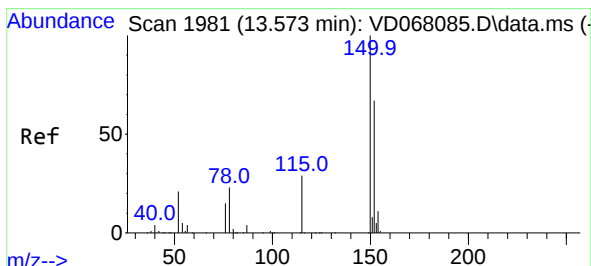
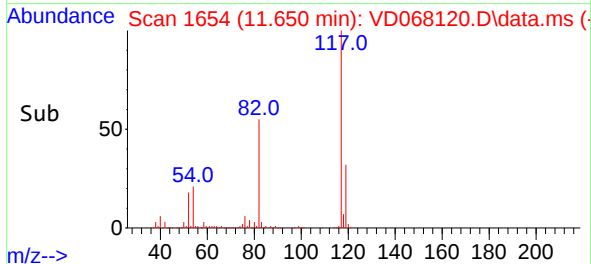
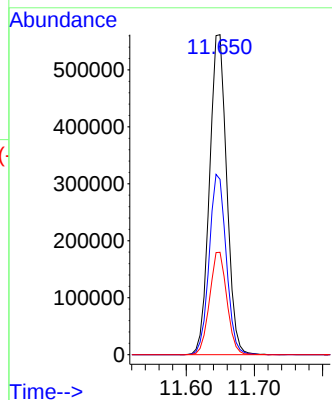
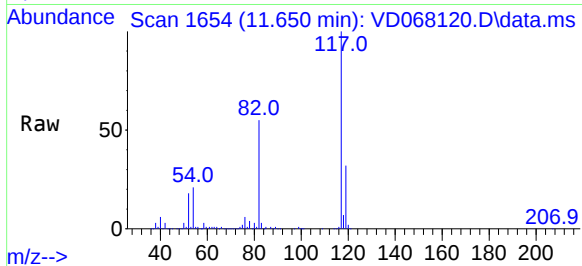


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.650 min Scan# 1654
Delta R.T. 0.001 min
Lab File: VD068120.D
Acq: 20 Jan 2021 18:27

Instrument :
MSVOA_D
ClientSampled :
TP-D

Tgt Ion:117 Resp: 986887

Ion	Ratio	Lower	Upper
117	100		
82	54.8	41.4	62.0
119	32.0	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068120.D
Acq: 20 Jan 2021 18:27

Tgt Ion:152 Resp: 447335

Ion	Ratio	Lower	Upper
152	100		
115	61.7	28.9	86.8
150	158.0	0.0	344.4

