

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022421\
 Data File : VD068437.D
 Acq On : 24 Feb 2021 15:38
 Operator : VA/SY
 Sample : M1477-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11995

Quant Time: Feb 25 00:11:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	365226	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	686228	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	649889	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	285569	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	194531	52.10	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.20%
35) Dibromofluoromethane	7.920	113	146995	36.09	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	72.18%
50) Toluene-d8	10.344	98	880974	52.18	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.36%
62) 4-Bromofluorobenzene	12.632	95	274597	49.93	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.86%

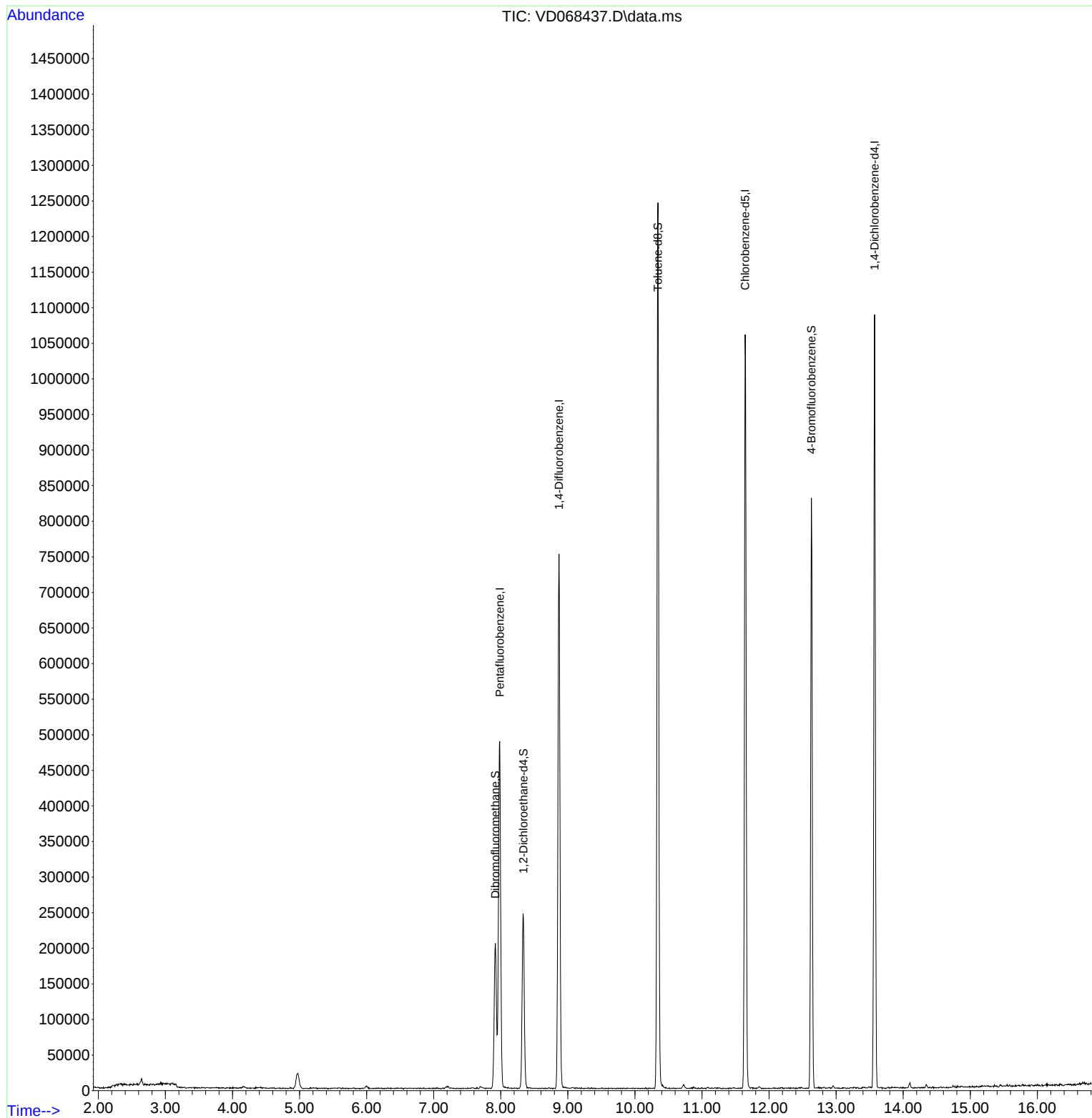
Target Compounds	Qvalue

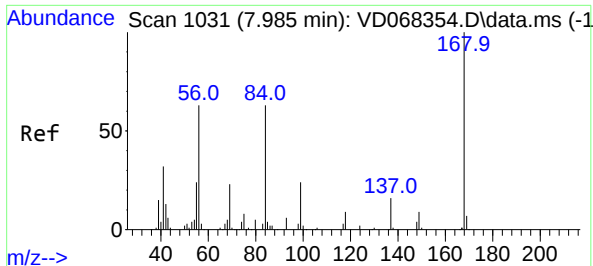
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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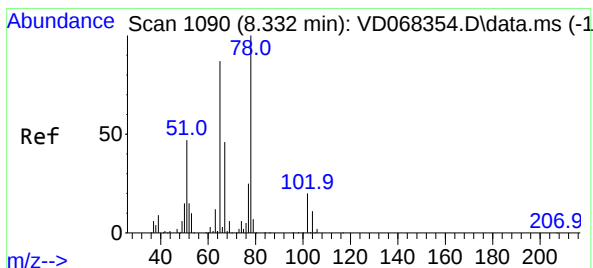
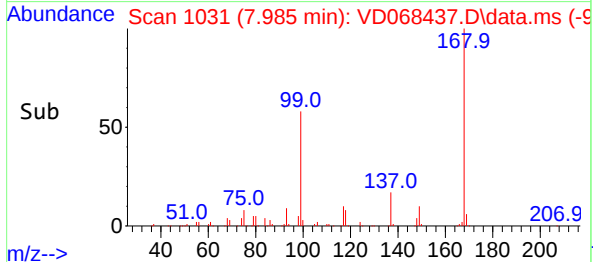
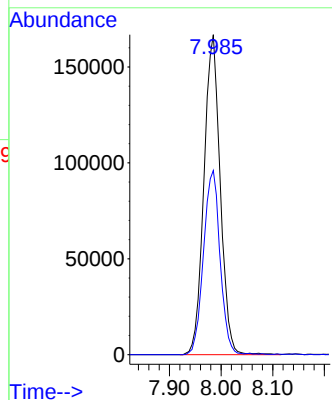
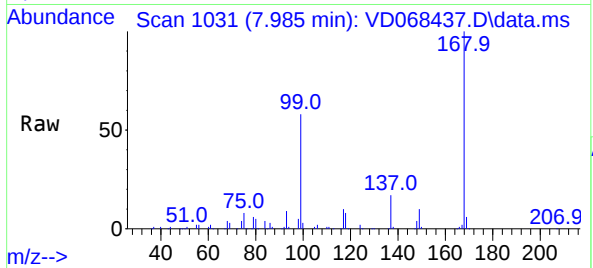




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068437.D
Acq: 24 Feb 2021 15:38

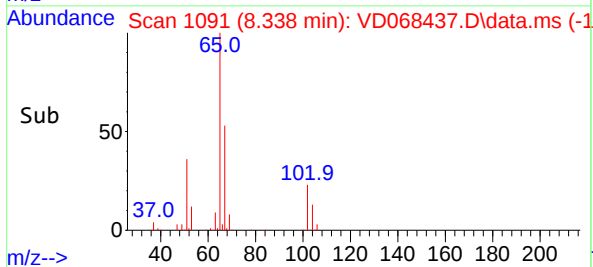
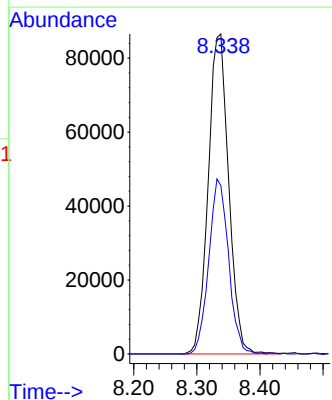
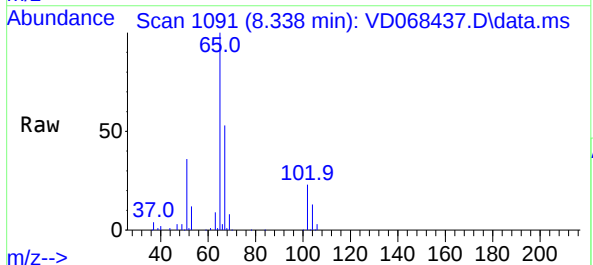
Instrument :
MSVOA_D
ClientSampleId :
72-11995

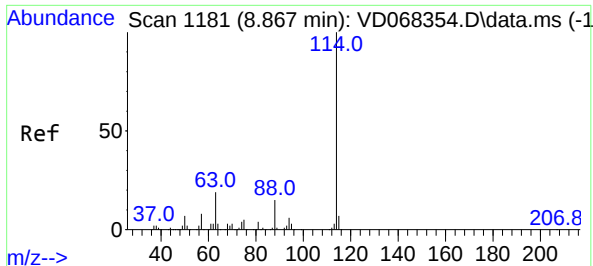
Tgt Ion:168 Resp: 365226
Ion Ratio Lower Upper
168 100
99 57.6 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 52.10 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068437.D
Acq: 24 Feb 2021 15:38

Tgt Ion: 65 Resp: 194531
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.0



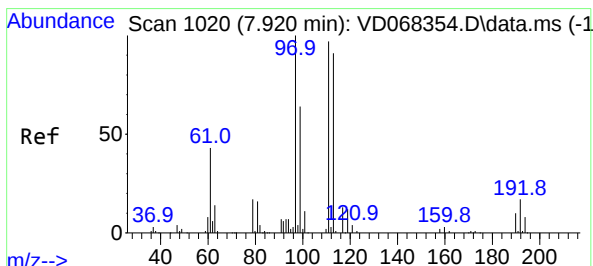
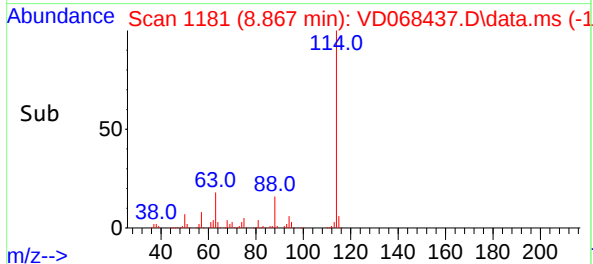
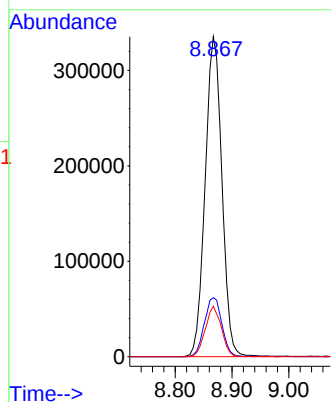
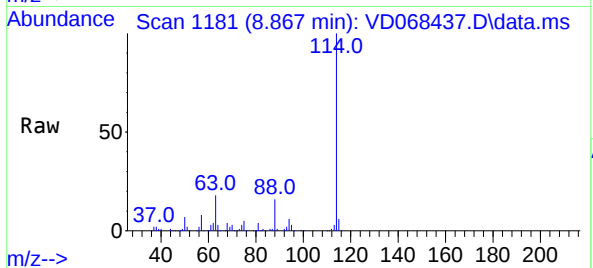


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068437.D
Acq: 24 Feb 2021 15:38

Instrument :
MSVOA_D
ClientSampleId :
72-11995

Tgt Ion:114 Resp: 686228

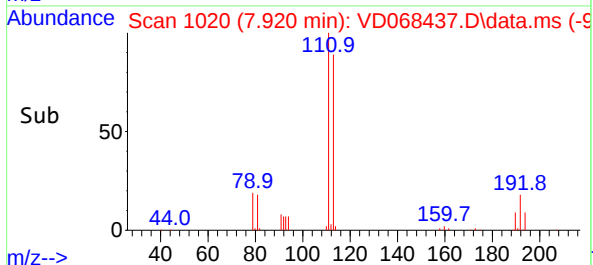
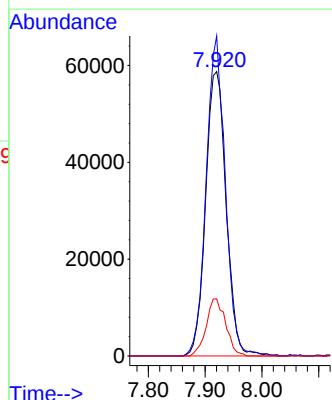
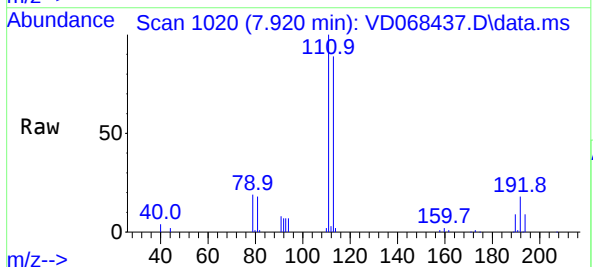
Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	34.8
88	15.7	0.0	31.6

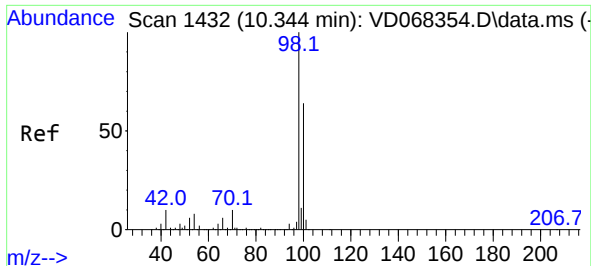


#35
Dibromofluoromethane
Concen: 36.09 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068437.D
Acq: 24 Feb 2021 15:38

Tgt Ion:113 Resp: 146995

Ion	Ratio	Lower	Upper
113	100		
111	105.0	81.4	122.0
192	19.1	16.1	24.1

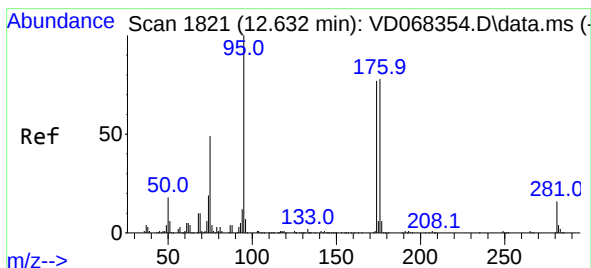
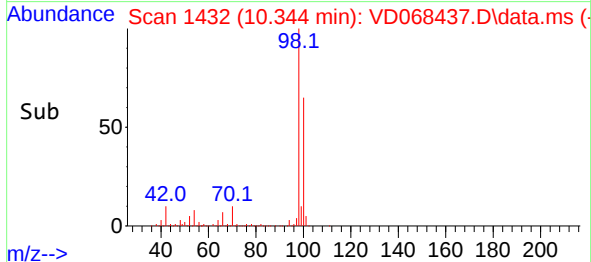
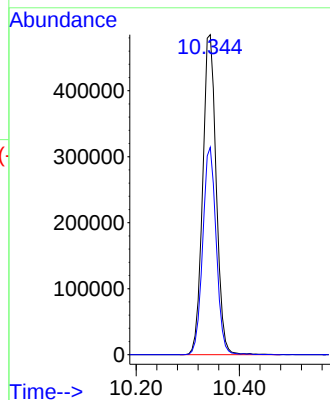
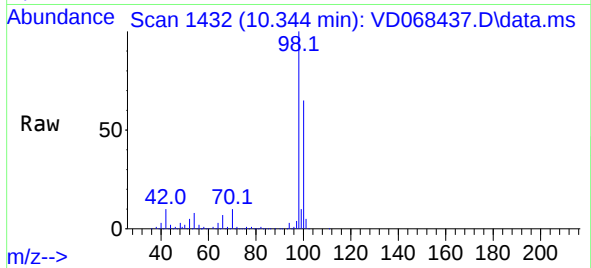




#50
Toluene-d8
Concen: 52.18 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068437.D
Acq: 24 Feb 2021 15:38

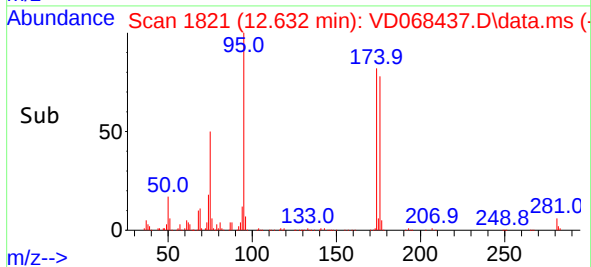
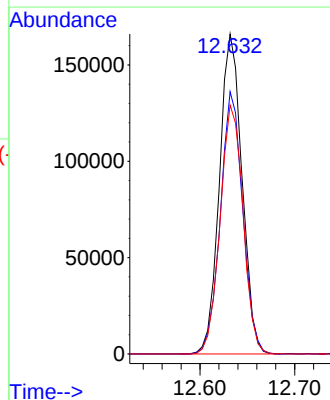
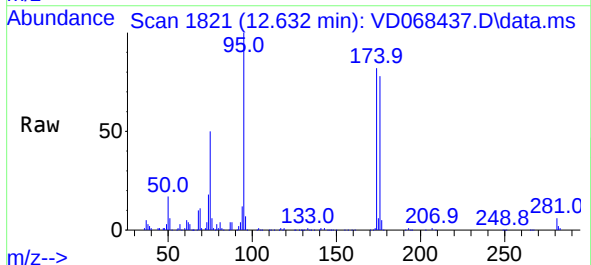
Instrument :
MSVOA_D
ClientSampleId :
72-11995

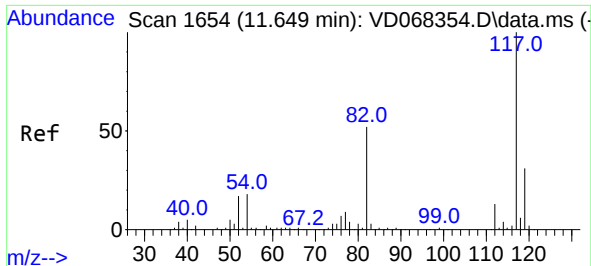
Tgt Ion: 98 Resp: 880974
Ion Ratio Lower Upper
98 100
100 64.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 49.93 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068437.D
Acq: 24 Feb 2021 15:38

Tgt Ion: 95 Resp: 274597
Ion Ratio Lower Upper
95 100
174 81.3 0.0 172.4
176 78.8 0.0 168.4

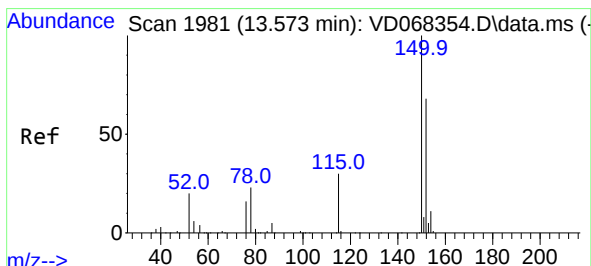
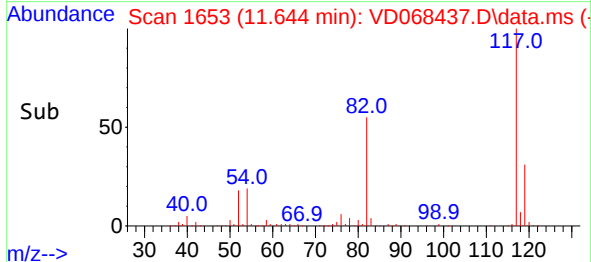
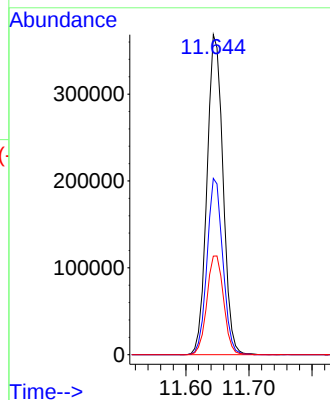
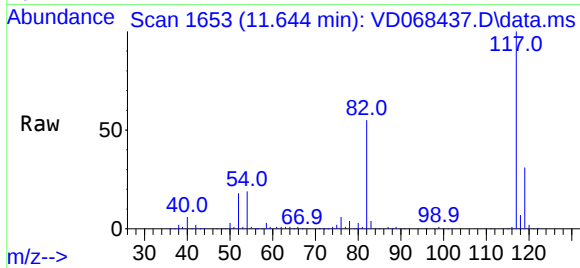




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068437.D
Acq: 24 Feb 2021 15:38

Instrument :
MSVOA_D
ClientSampleId :
72-11995

Tgt Ion:117 Resp: 649889
Ion Ratio Lower Upper
117 100
82 55.1 41.4 62.0
119 30.8 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: VD068437.D
Acq: 24 Feb 2021 15:38

Tgt Ion:152 Resp: 285569
Ion Ratio Lower Upper
152 100
115 59.4 28.9 86.8
150 158.1 0.0 344.4

