

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042621\
 Data File : VD068991.D
 Acq On : 26 Apr 2021 16:29
 Operator : VA/SY
 Sample : M2170-04
 Misc : 6.98G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CN-1

Quant Time: Apr 27 07:13:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	271047	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	474822	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	571915	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	282686	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	123885	43.25	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.50%
35) Dibromofluoromethane	7.914	113	156038	50.52	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.04%
50) Toluene-d8	10.343	98	610890	52.43	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.86%
62) 4-Bromofluorobenzene	12.631	95	261305	67.53	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	135.06%

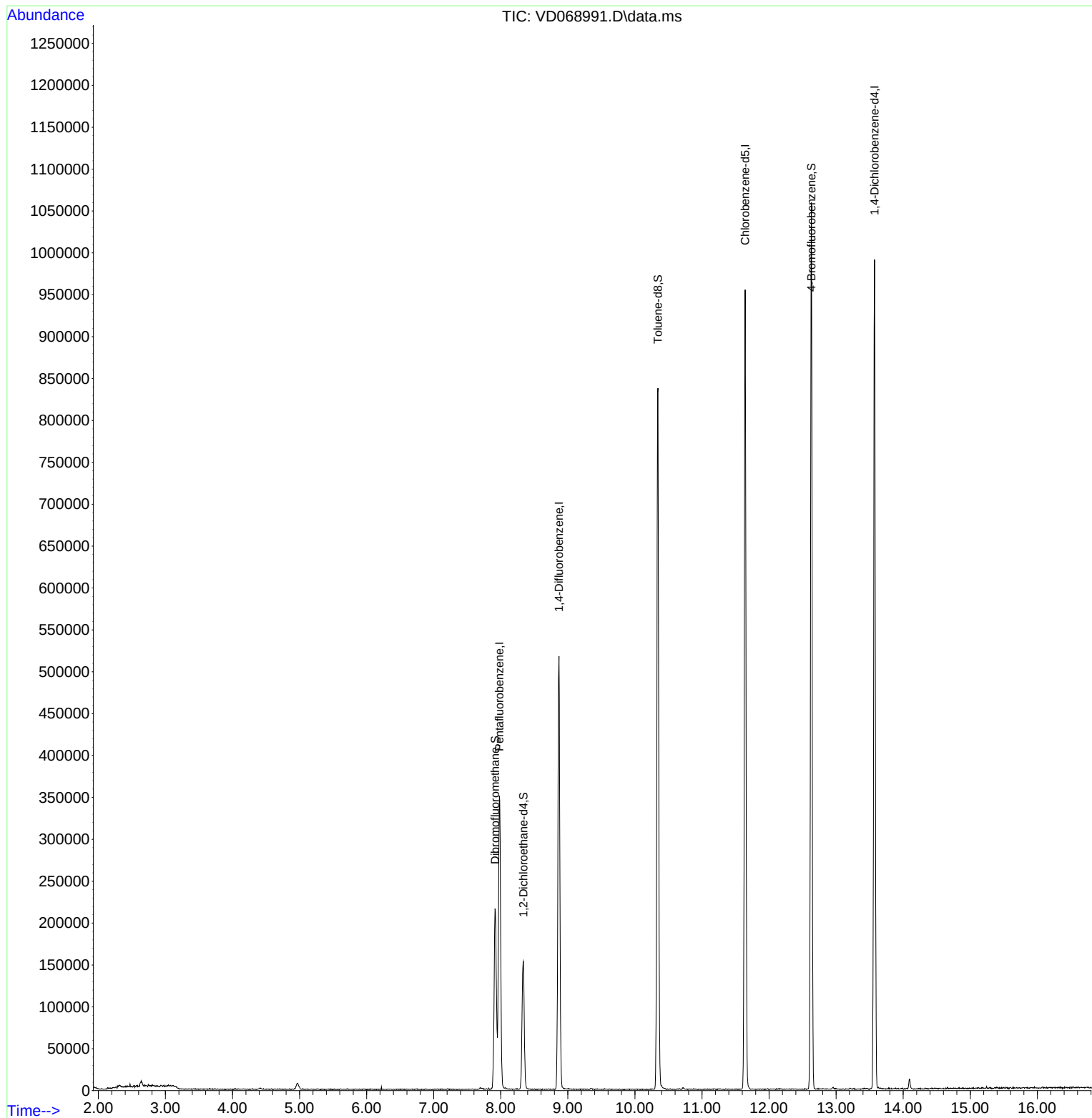
Target Compounds	Qvalue

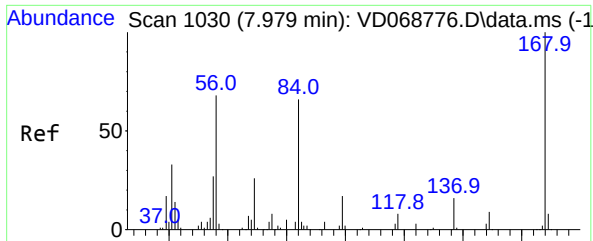
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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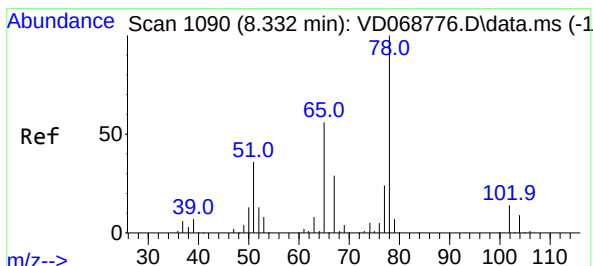
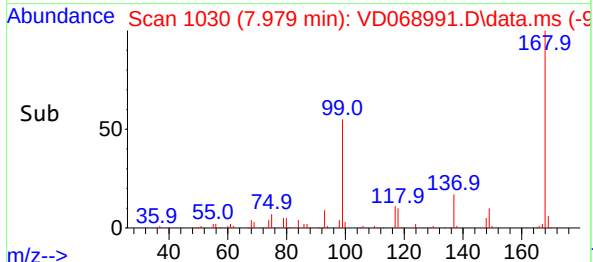
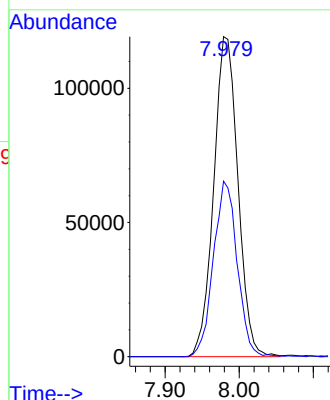
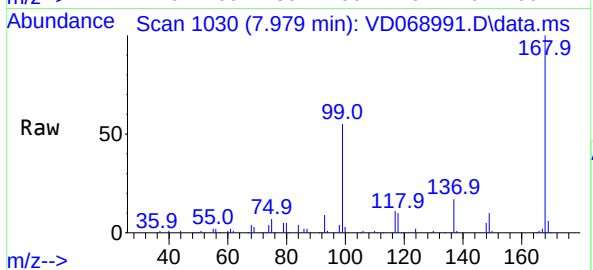




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068991.D
Acq: 26 Apr 2021 16:29

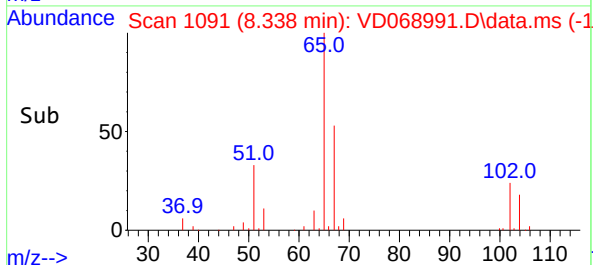
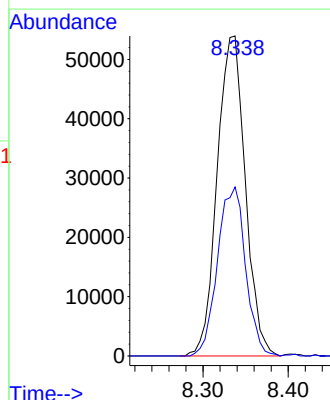
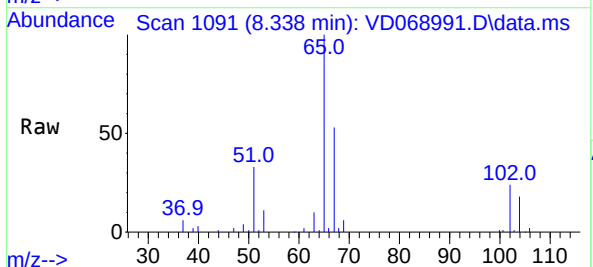
Instrument :
MSVOA_D
ClientSampled :
CN-1

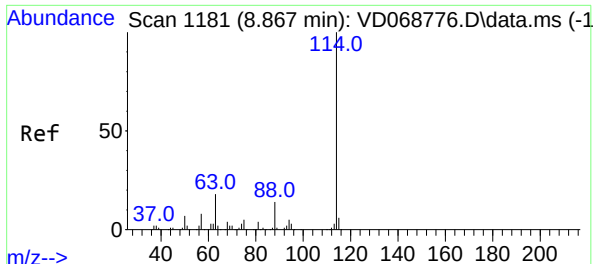
Tgt Ion:168 Resp: 271047
Ion Ratio Lower Upper
168 100
99 54.8 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 43.25 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068991.D
Acq: 26 Apr 2021 16:29

Tgt Ion: 65 Resp: 123885
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.0



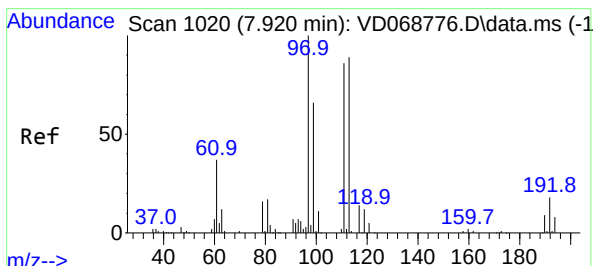
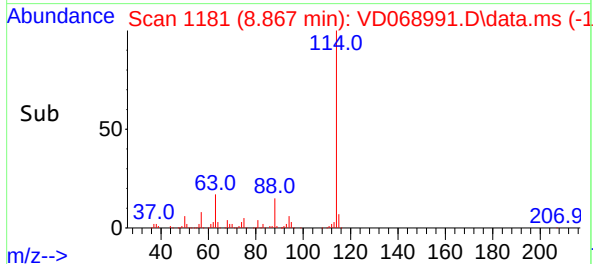
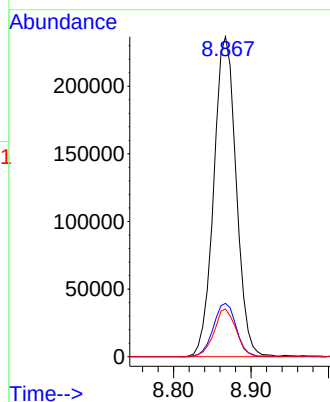
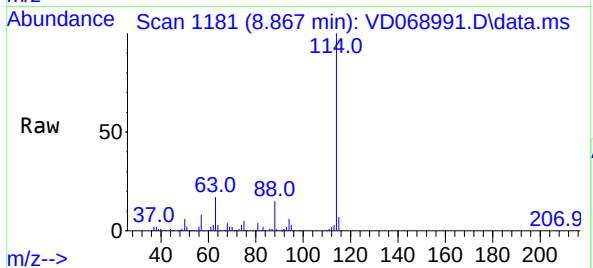


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068991.D
Acq: 26 Apr 2021 16:29

Instrument :
MSVOA_D
ClientSampled :
CN-1

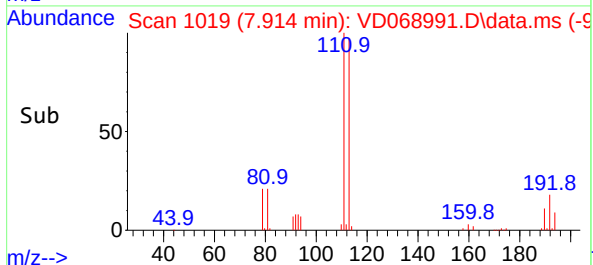
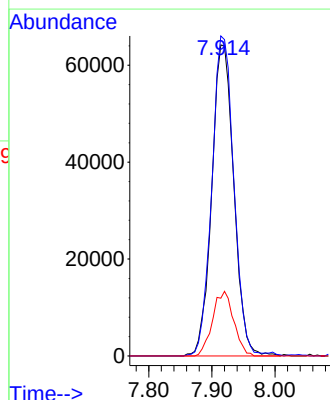
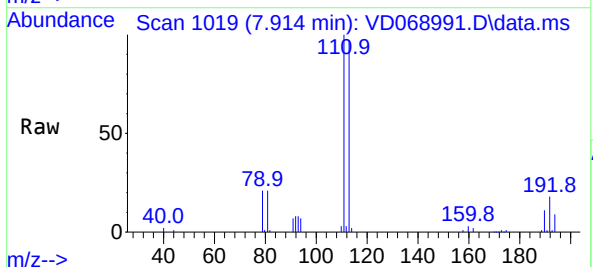
Tgt Ion:114 Resp: 474822
Ion Ratio Lower Upper
114 100
63 16.7 0.0 38.2
88 14.9 0.0 29.4

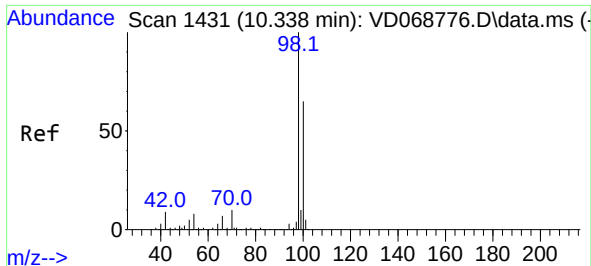


#35

Dibromofluoromethane
Concen: 50.52 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068991.D
Acq: 26 Apr 2021 16:29

Tgt Ion:113 Resp: 156038
Ion Ratio Lower Upper
113 100
111 102.0 82.5 123.7
192 19.9 15.1 22.7

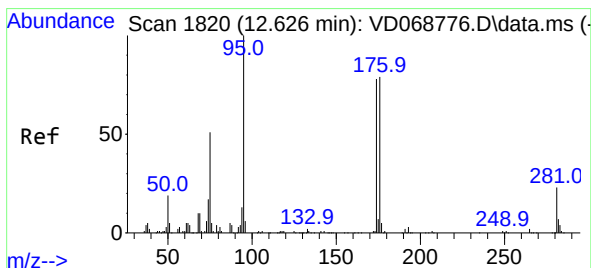
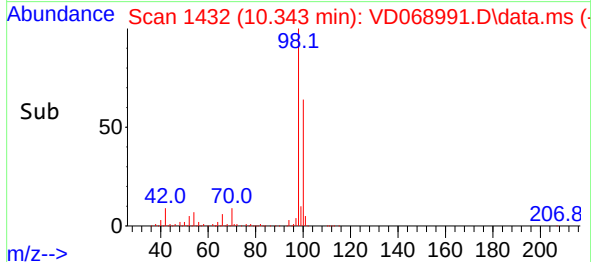
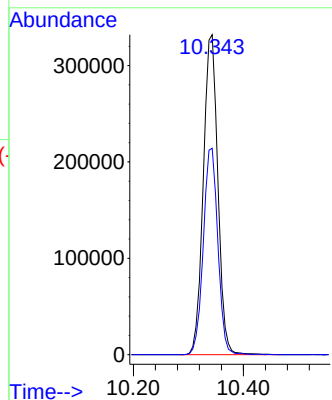
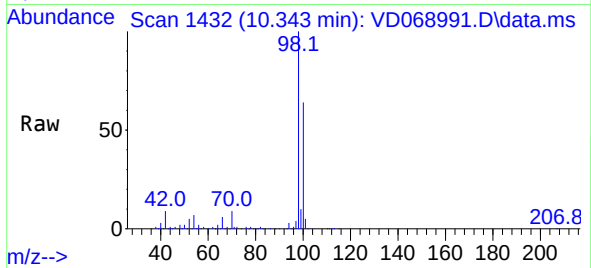




#50
Toluene-d8
Concen: 52.43 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.005 min
Lab File: VD068991.D
Acq: 26 Apr 2021 16:29

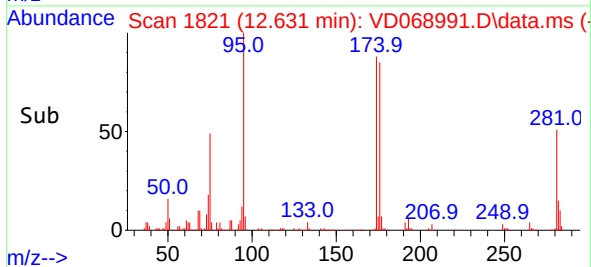
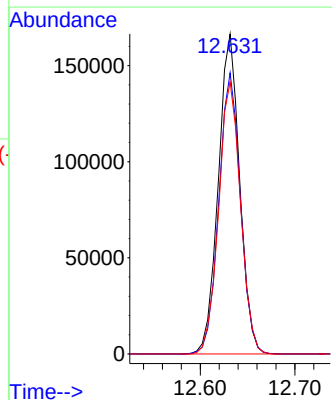
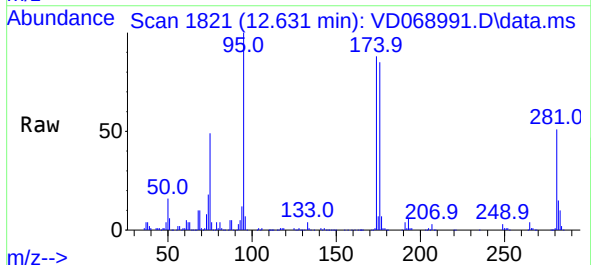
Instrument :
MSVOA_D
ClientSampled :
CN-1

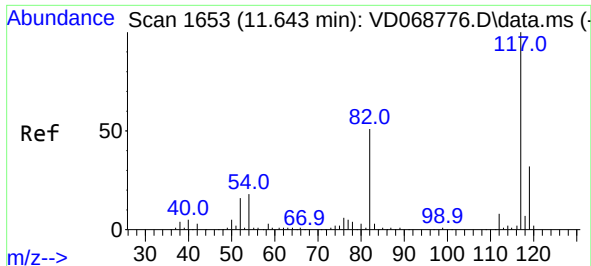
Tgt Ion: 98 Resp: 610890
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 67.53 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.005 min
Lab File: VD068991.D
Acq: 26 Apr 2021 16:29

Tgt Ion: 95 Resp: 261305
Ion Ratio Lower Upper
95 100
174 88.7 0.0 168.0
176 86.7 0.0 160.2

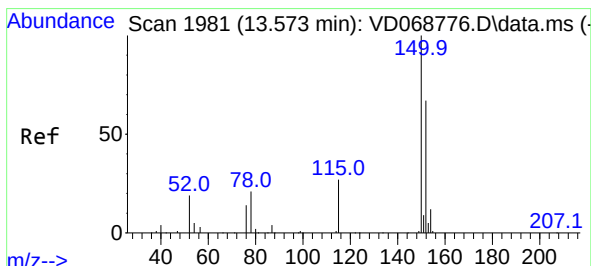
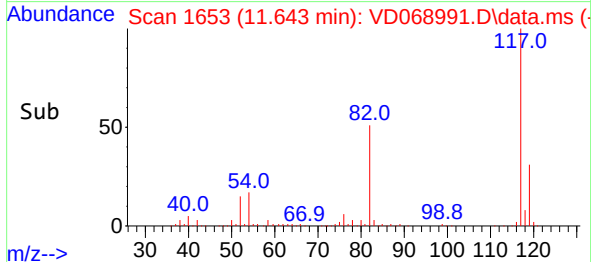
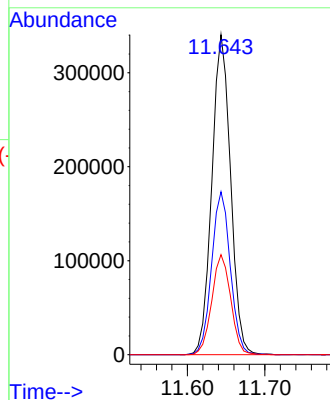
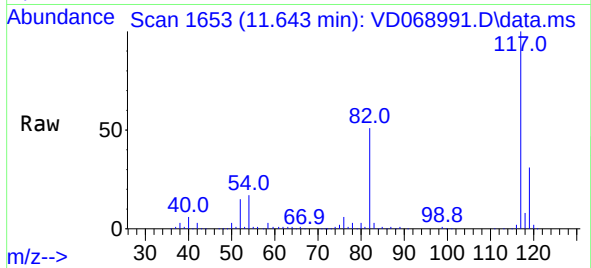




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068991.D
Acq: 26 Apr 2021 16:29

Instrument :
MSVOA_D
ClientSampled :
CN-1

Tgt Ion:117 Resp: 571915
Ion Ratio Lower Upper
117 100
82 50.9 43.5 65.3
119 31.2 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068991.D
Acq: 26 Apr 2021 16:29

Tgt Ion:152 Resp: 282686
Ion Ratio Lower Upper
152 100
115 55.5 29.3 87.8
150 155.4 0.0 347.6

