

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031721\
 Data File : VD068633.D
 Acq On : 17 Mar 2021 12:50
 Operator : VA/SY
 Sample : VD0317SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0317SBL01

Quant Time: Mar 18 00:54:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	331549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	601428	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	581187	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	308385	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	168083	50.74	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.48%
35) Dibromofluoromethane	7.914	113	182050	50.25	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.50%
50) Toluene-d8	10.344	98	749123	51.91	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.82%
62) 4-Bromofluorobenzene	12.632	95	262101	56.36	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.72%

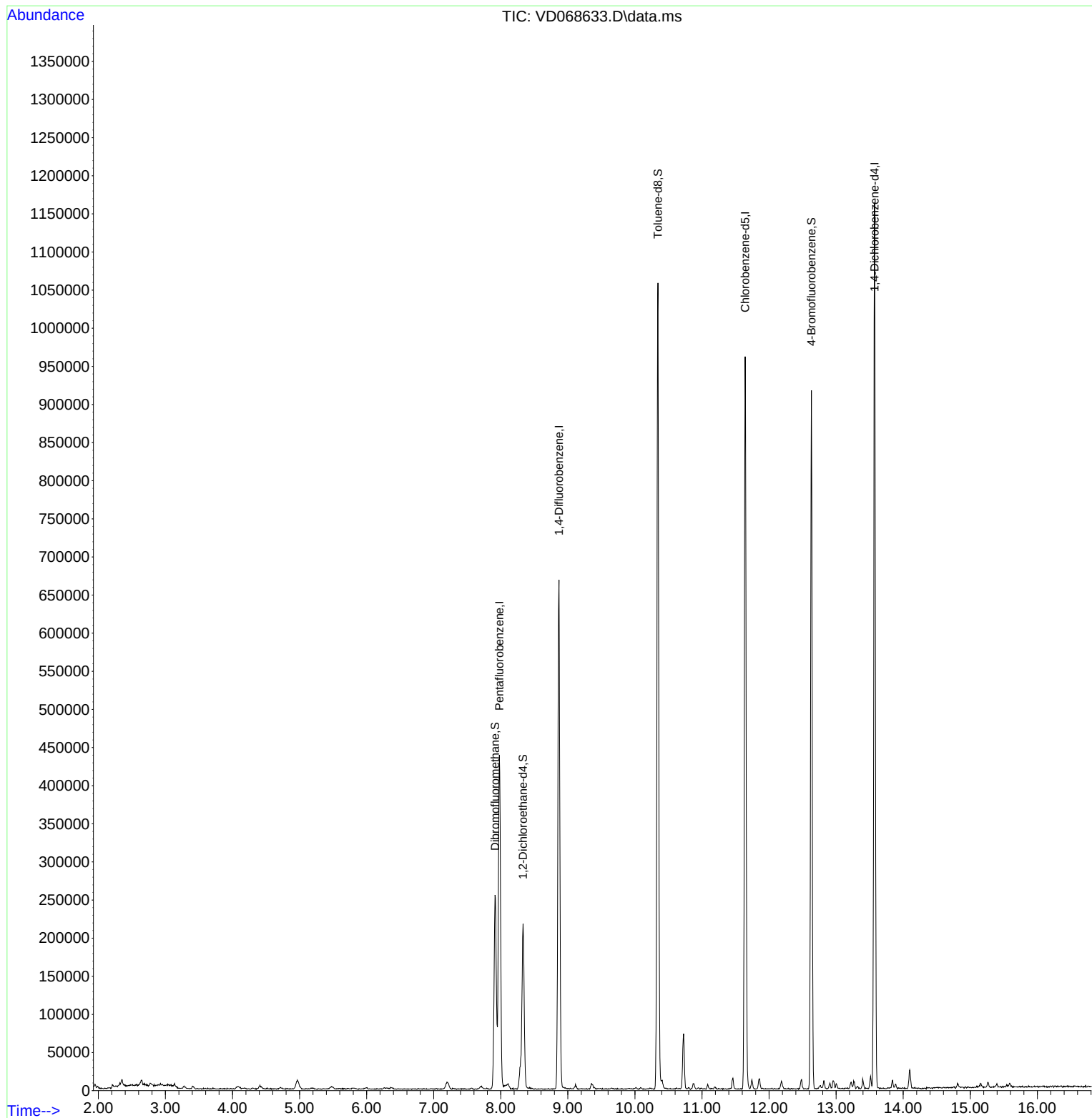
Target Compounds	Qvalue

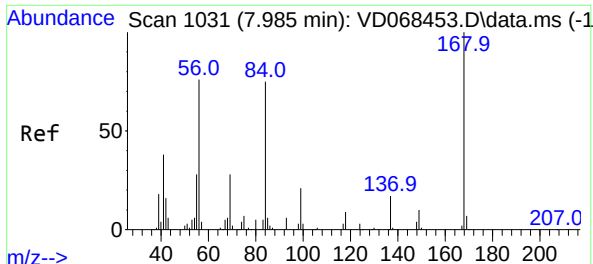
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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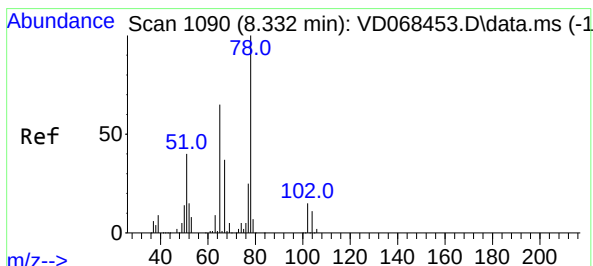
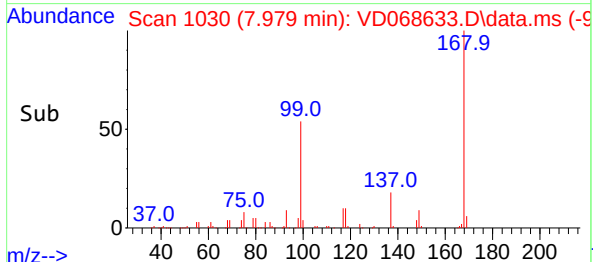
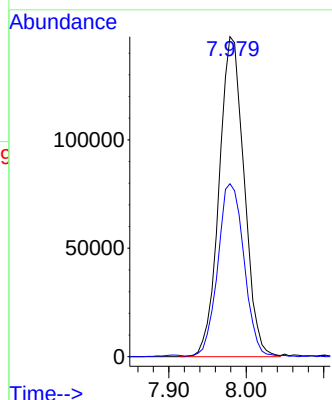
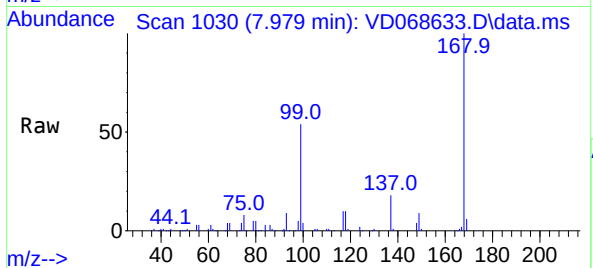




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068633.D
Acq: 17 Mar 2021 12:50

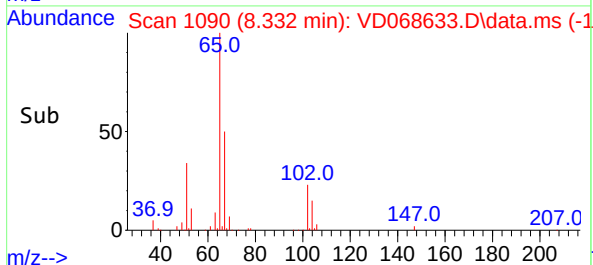
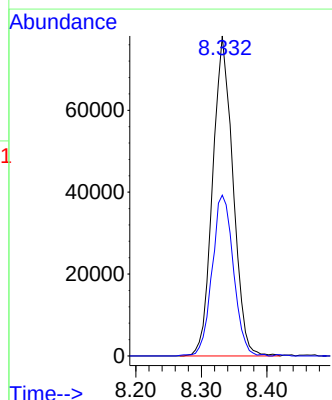
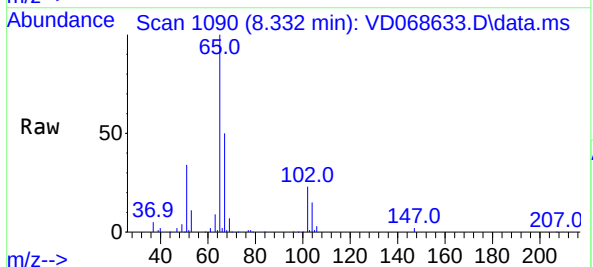
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBL01

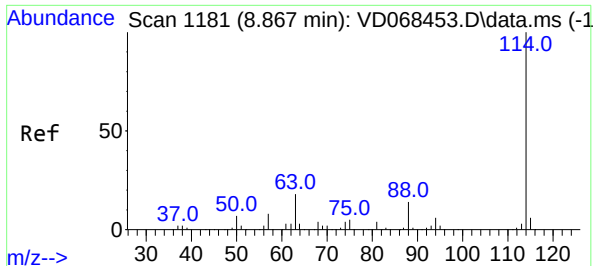
Tgt Ion:168 Resp: 331549
Ion Ratio Lower Upper
168 100
99 53.7 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 50.74 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068633.D
Acq: 17 Mar 2021 12:50

Tgt Ion: 65 Resp: 168083
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.0

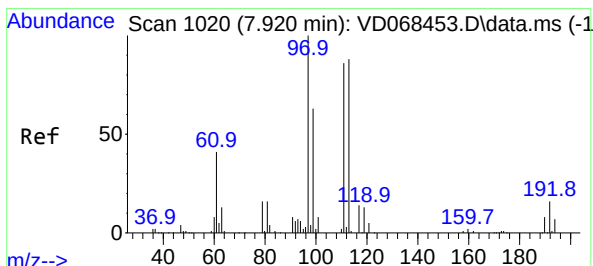
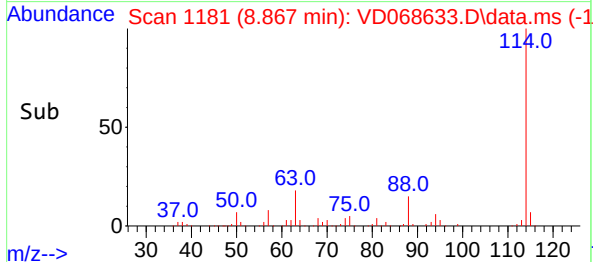
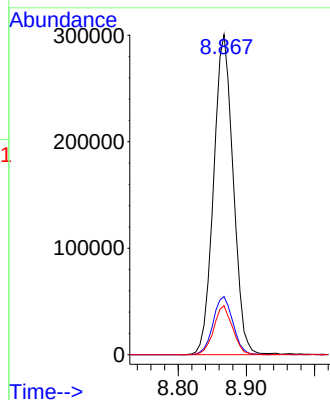
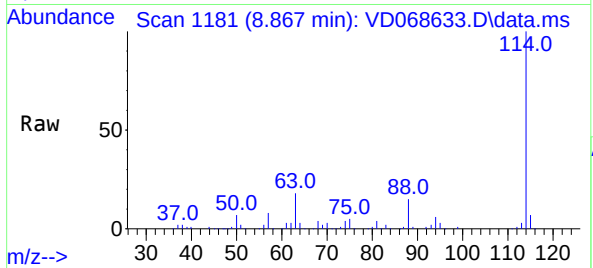




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068633.D
Acq: 17 Mar 2021 12:50

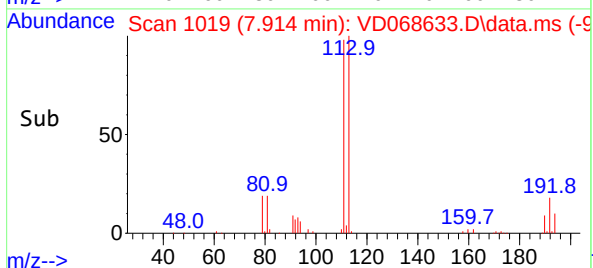
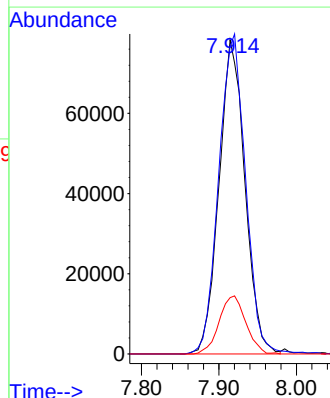
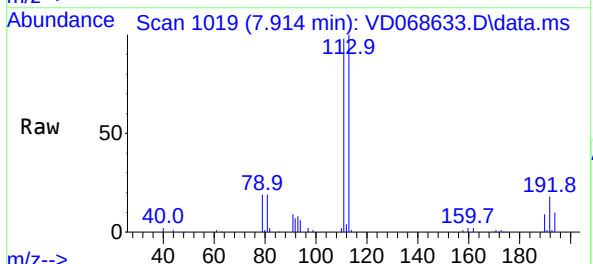
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBL01

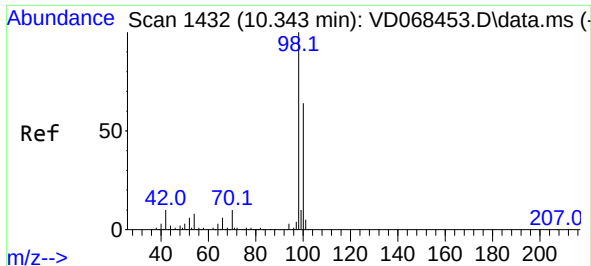
Tgt Ion:114 Resp: 601428
Ion Ratio Lower Upper
114 100
63 18.1 0.0 34.8
88 15.3 0.0 31.6



#35
Dibromofluoromethane
Concen: 50.25 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068633.D
Acq: 17 Mar 2021 12:50

Tgt Ion:113 Resp: 182050
Ion Ratio Lower Upper
113 100
111 105.5 81.4 122.0
192 19.1 16.1 24.1

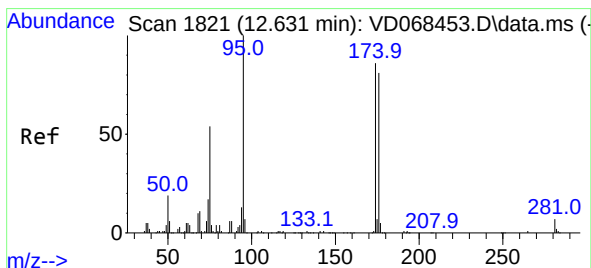
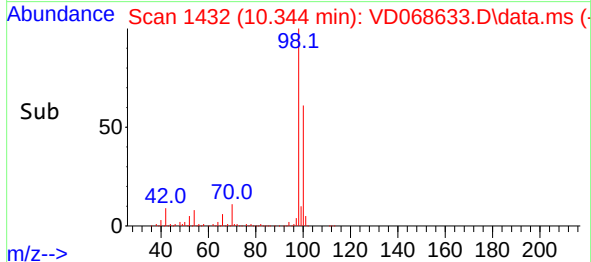
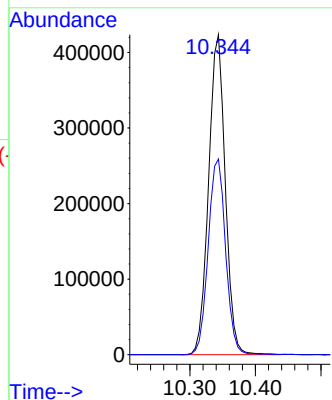
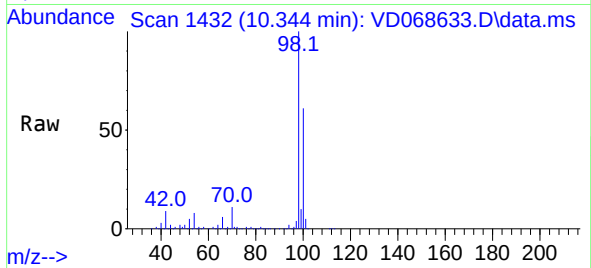




#50
Toluene-d8
Concen: 51.91 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068633.D
Acq: 17 Mar 2021 12:50

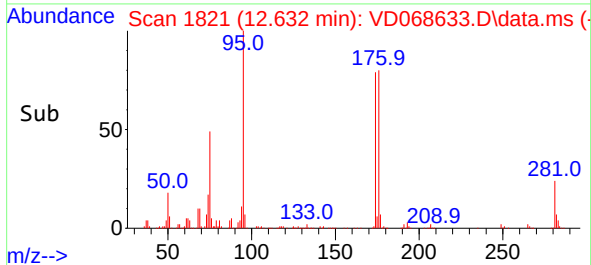
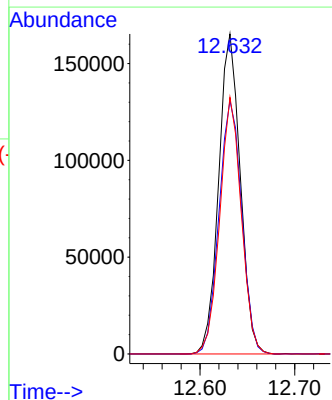
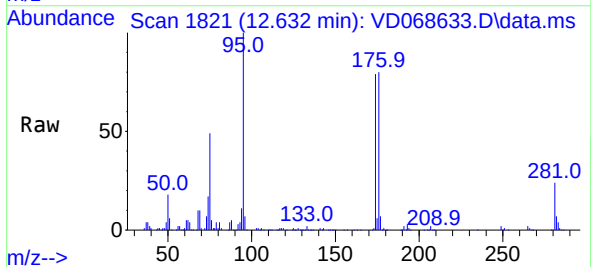
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBL01

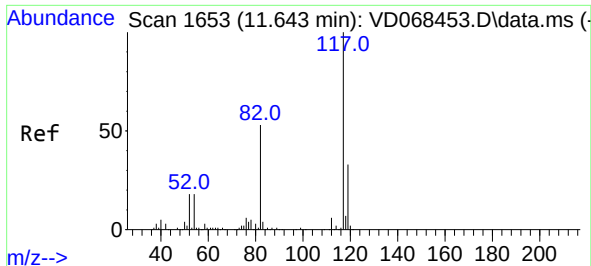
Tgt Ion: 98 Resp: 749123
Ion Ratio Lower Upper
98 100
100 63.9 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 56.36 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068633.D
Acq: 17 Mar 2021 12:50

Tgt Ion: 95 Resp: 262101
Ion Ratio Lower Upper
95 100
174 83.1 0.0 172.4
176 79.8 0.0 168.4

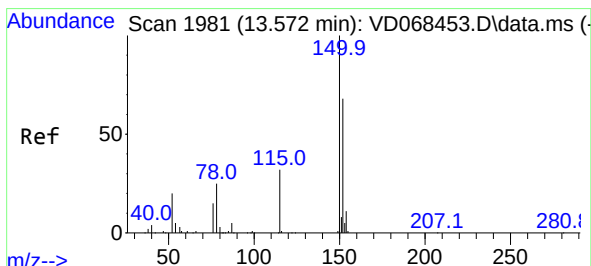
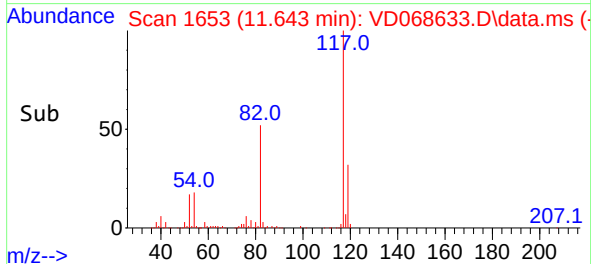
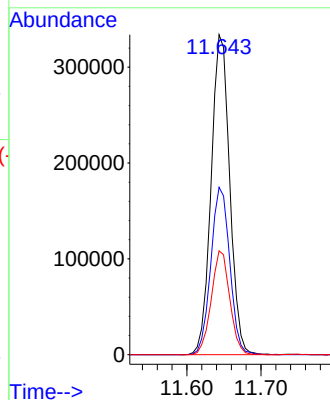
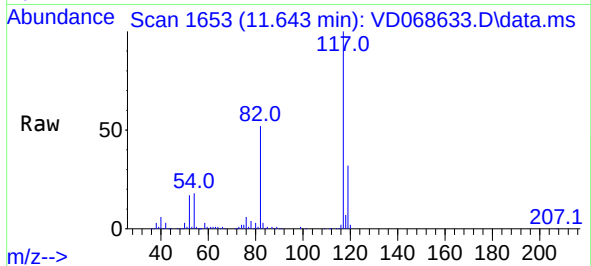




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068633.D
Acq: 17 Mar 2021 12:50

Instrument :
MSVOA_D
ClientSampleId :
VD0317SBL01

Tgt Ion:	117	Resp:	581187
Ion	Ratio	Lower	Upper
117	100		
82	52.3	41.4	62.0
119	32.5	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068633.D
Acq: 17 Mar 2021 12:50

Tgt Ion:	152	Resp:	308385
Ion	Ratio	Lower	Upper
152	100		
115	58.2	28.9	86.8
150	157.3	0.0	344.4

