

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031121\
 Data File : VD068593.D
 Acq On : 11 Mar 2021 18:58
 Operator : VA/SY
 Sample : M1649-01
 Misc : 6.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1-1

Quant Time: Mar 12 00:14:55 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	517500	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	902121	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	890259	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	492507	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	253329	48.99	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.98%
35) Dibromofluoromethane	7.920	113	273593	50.34	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.68%
50) Toluene-d8	10.338	98	1112224	51.38	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.76%
62) 4-Bromofluorobenzene	12.632	95	403149	57.79	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	115.58%

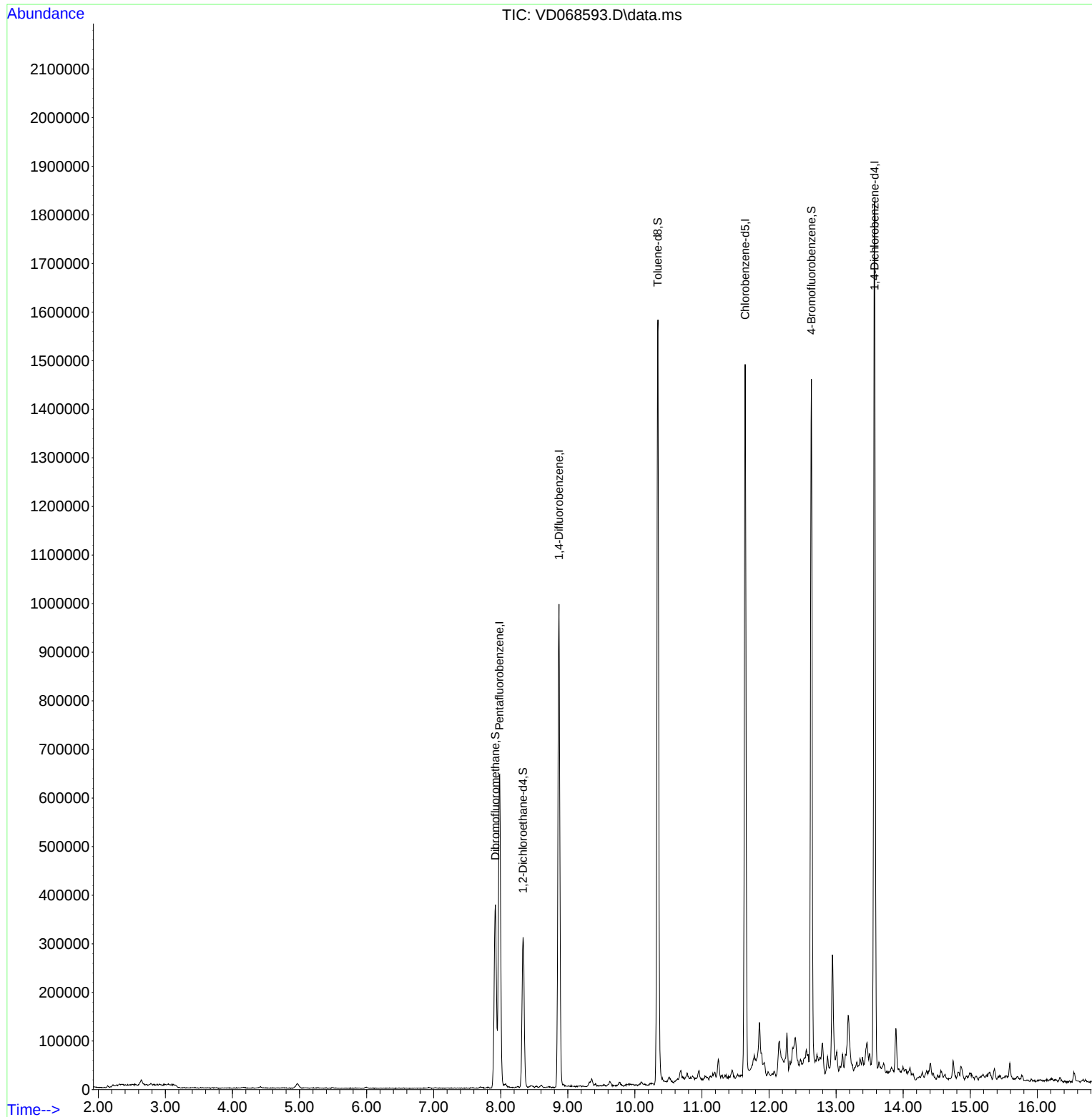
Target Compounds	Qvalue

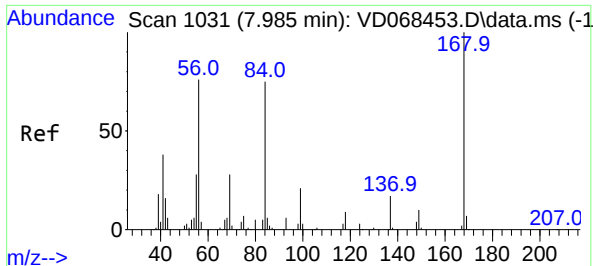
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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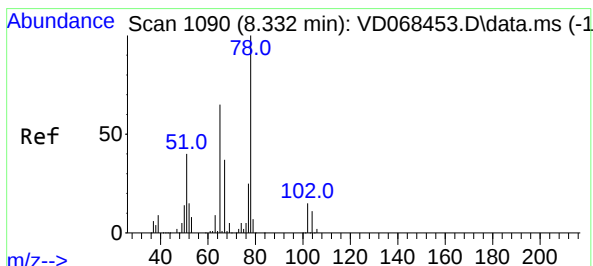
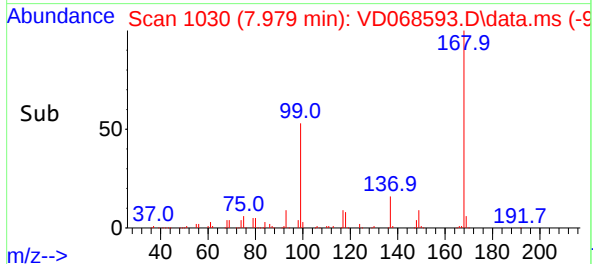
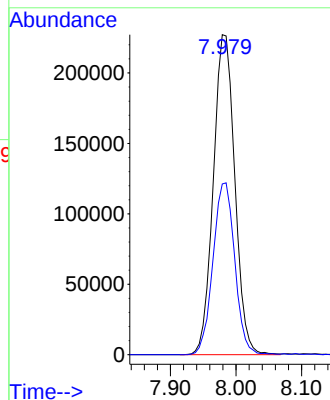
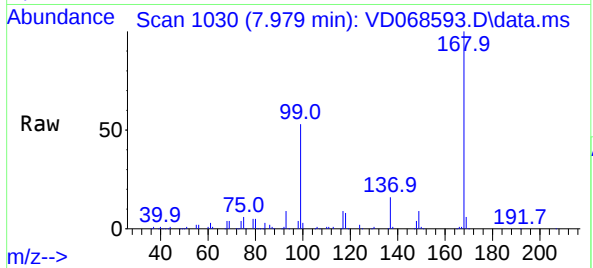




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068593.D
Acq: 11 Mar 2021 18:58

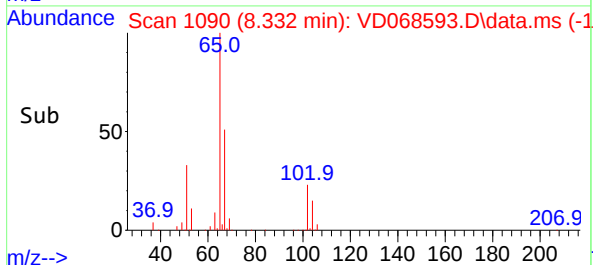
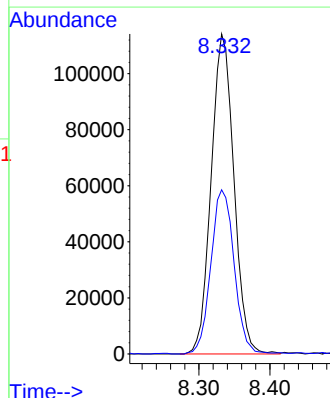
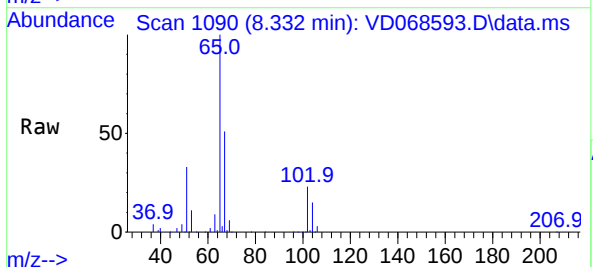
Instrument :
MSVOA_D
ClientSampled :
SP-1-1

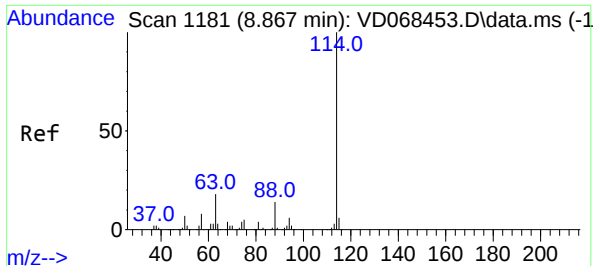
Tgt Ion:168 Resp: 517500
Ion Ratio Lower Upper
168 100
99 53.4 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 48.99 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068593.D
Acq: 11 Mar 2021 18:58

Tgt Ion: 65 Resp: 253329
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.0

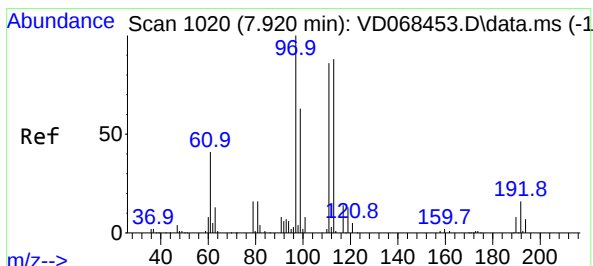
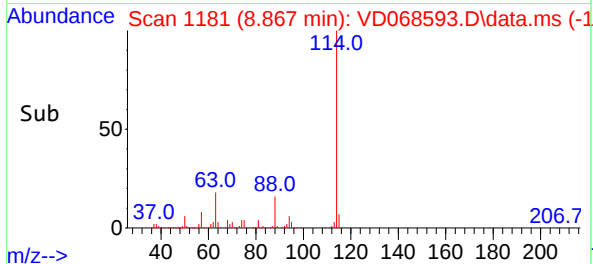
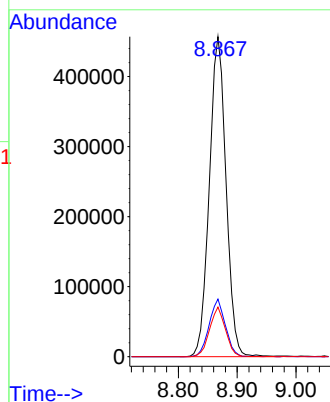
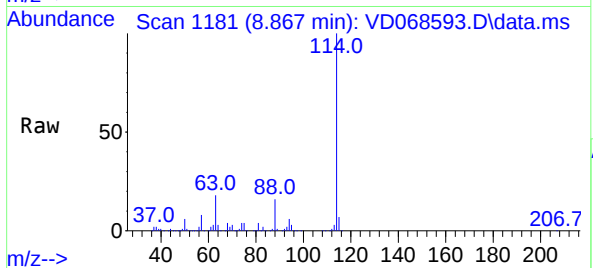




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068593.D
Acq: 11 Mar 2021 18:58

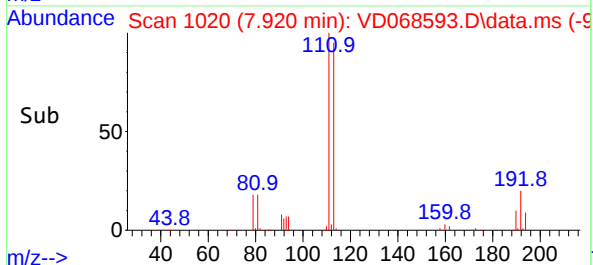
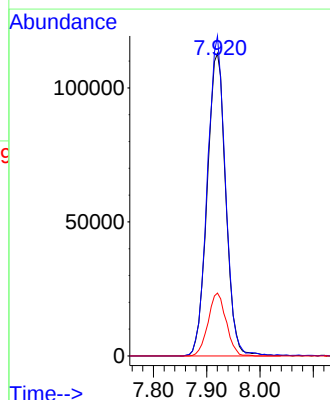
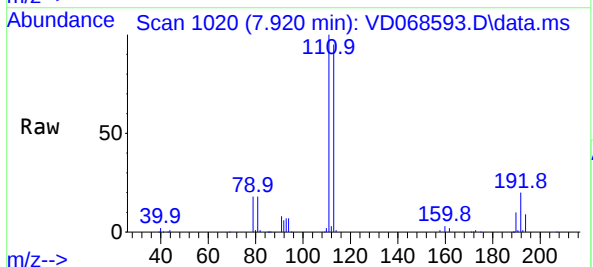
Instrument :
MSVOA_D
ClientSampleId :
SP-1-1

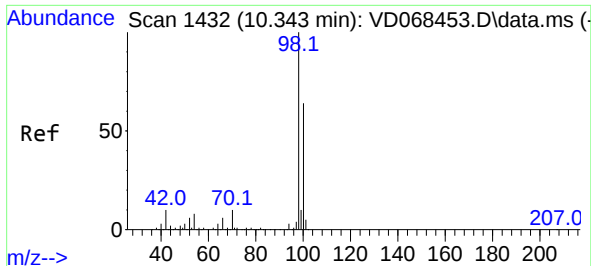
Tgt Ion:	114	Resp:	902121
Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	34.8
88	15.5	0.0	31.6



#35
Dibromofluoromethane
Concen: 50.34 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068593.D
Acq: 11 Mar 2021 18:58

Tgt Ion:	113	Resp:	273593
Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.4	122.0
192	20.3	16.1	24.1

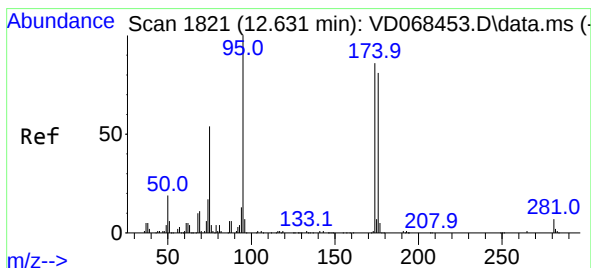
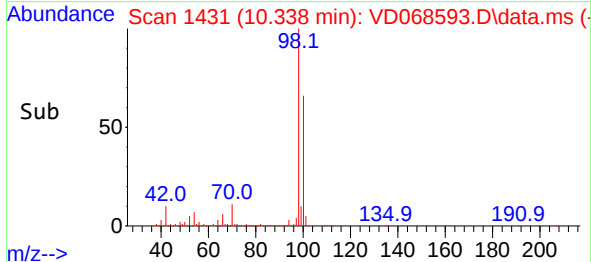
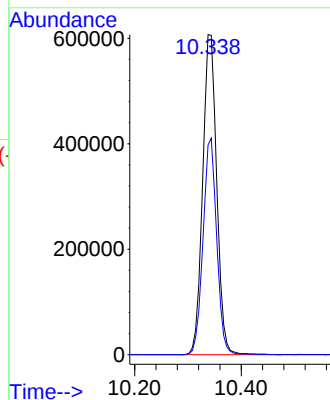
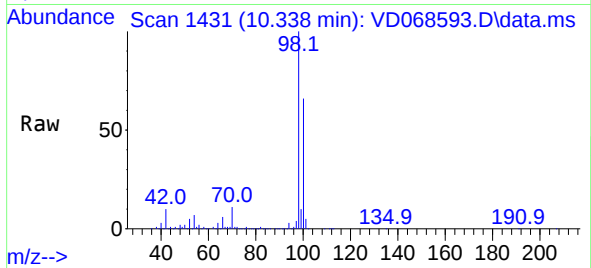




#50
Toluene-d8
Concen: 51.38 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD068593.D
Acq: 11 Mar 2021 18:58

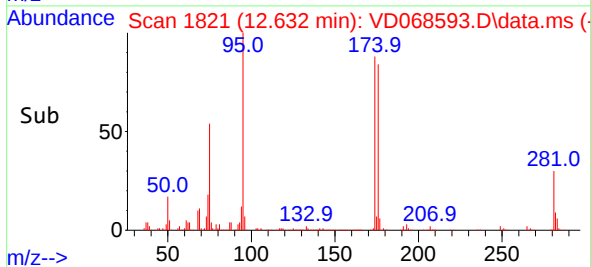
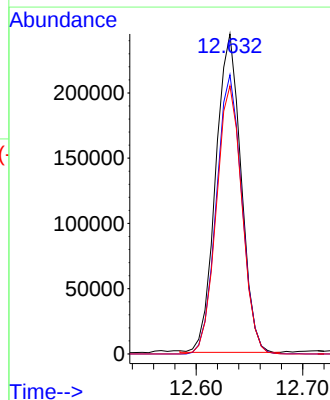
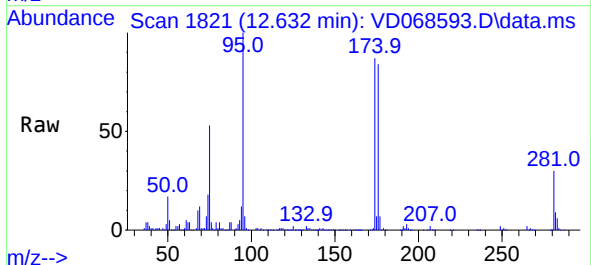
Instrument :
MSVOA_D
ClientSampled :
SP-1-1

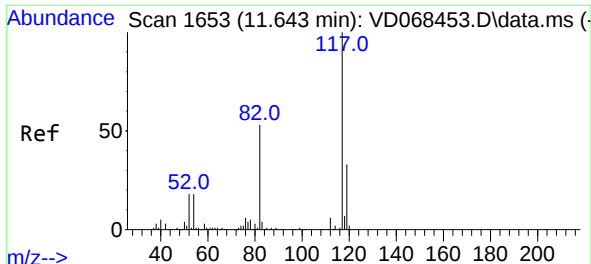
Tgt Ion: 98 Resp: 1112224
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 57.79 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068593.D
Acq: 11 Mar 2021 18:58

Tgt Ion: 95 Resp: 403149
Ion Ratio Lower Upper
95 100
174 87.9 0.0 172.4
176 85.0 0.0 168.4

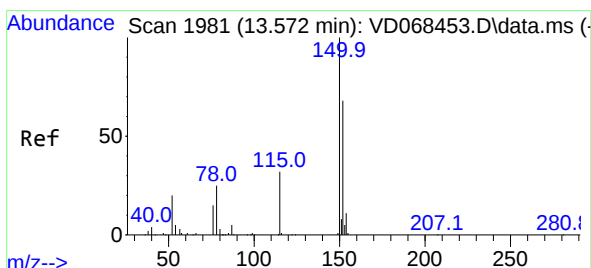
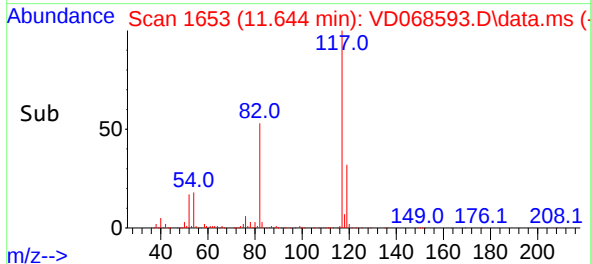
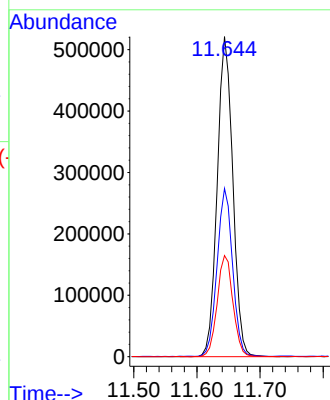
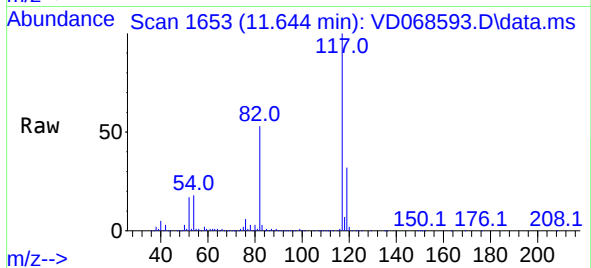




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068593.D
Acq: 11 Mar 2021 18:58

Instrument :
MSVOA_D
ClientSampled :
SP-1-1

Tgt Ion:	117	Resp:	890259
Ion	Ratio	Lower	Upper
117	100		
82	52.4	41.4	62.0
119	31.6	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: VD068593.D
Acq: 11 Mar 2021 18:58

Tgt Ion:	152	Resp:	492507
Ion	Ratio	Lower	Upper
152	100		
115	57.1	28.9	86.8
150	157.7	0.0	344.4

