

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042121\
 Data File : VD068939.D
 Acq On : 21 Apr 2021 21:01
 Operator : VA/SY
 Sample : M2110-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-5

Quant Time: Apr 22 10:25:14 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	7.985	168	278771	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	482010	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	553627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	279714	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	121042	41.08	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.16%
35) Dibromofluoromethane	7.914	113	152903	48.77	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.54%
50) Toluene-d8	10.338	98	615684	52.06	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.12%
62) 4-Bromofluorobenzene	12.632	95	245649	62.54	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	125.08%

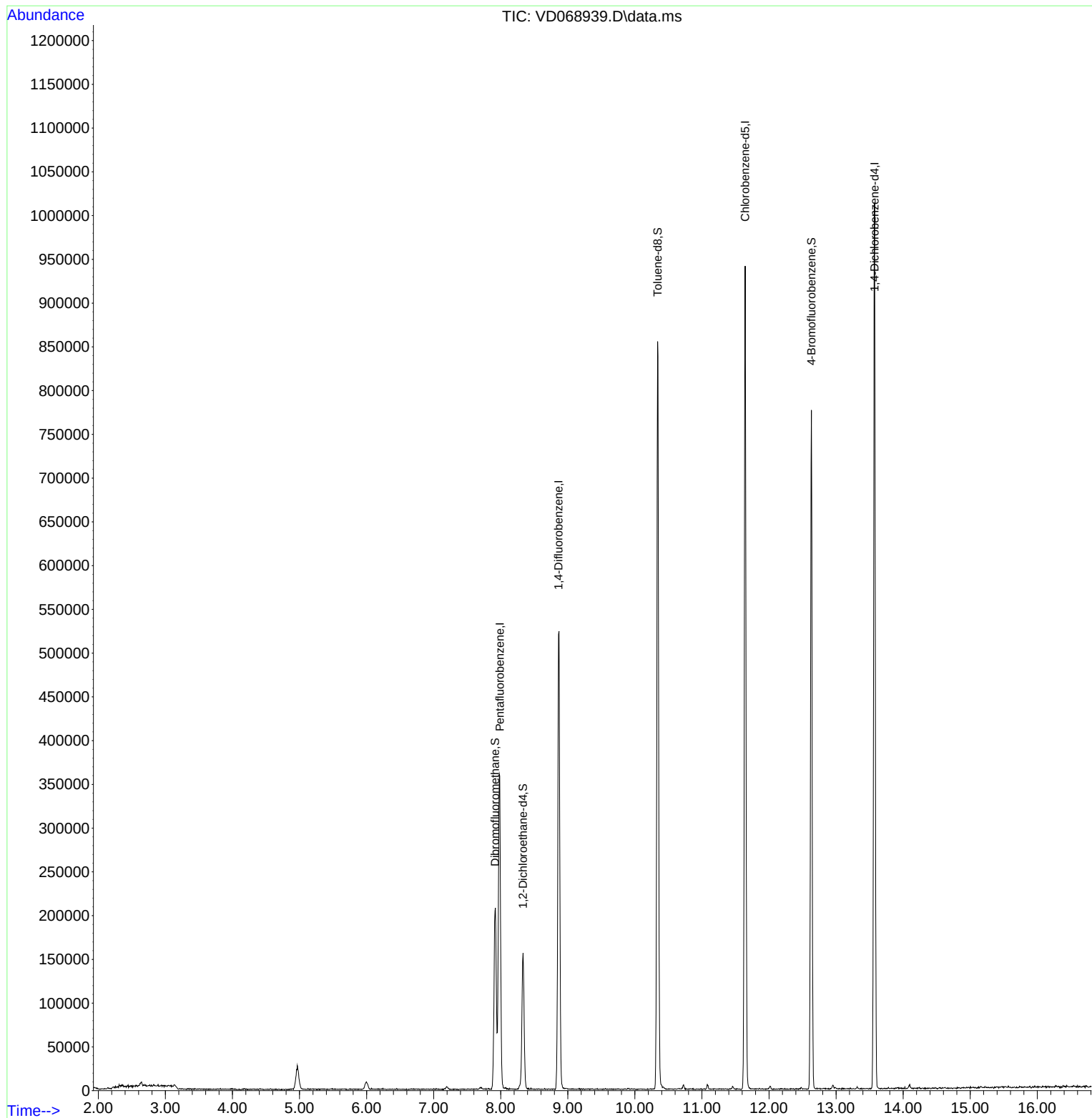
Target Compounds	Qvalue

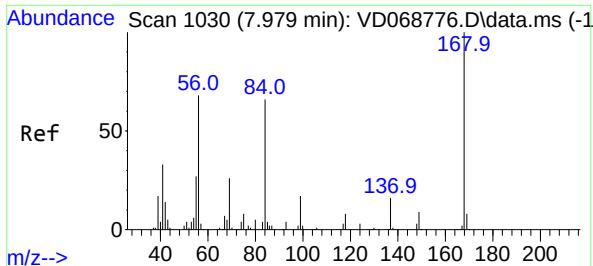
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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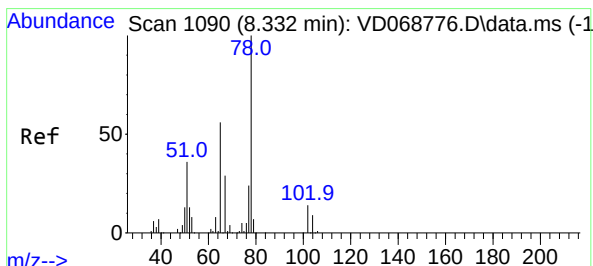
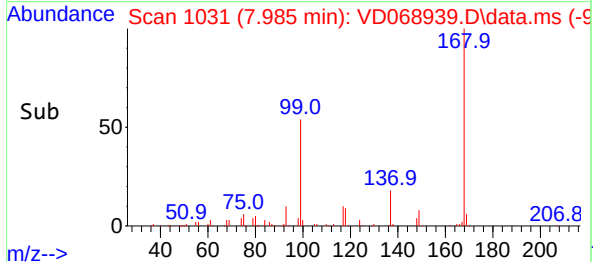
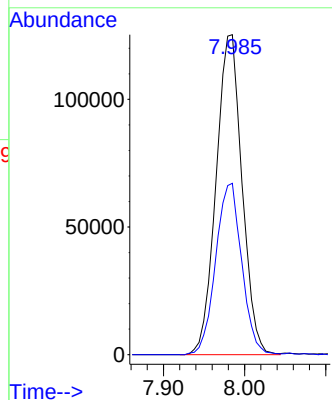
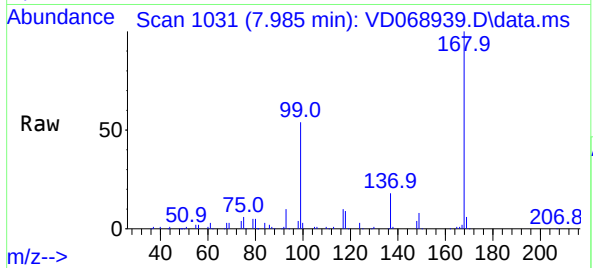




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068939.D
Acq: 21 Apr 2021 21:01

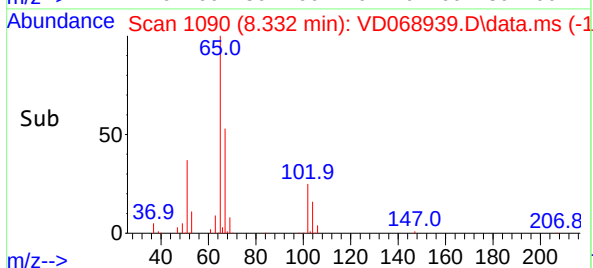
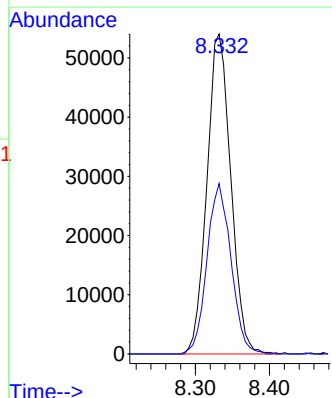
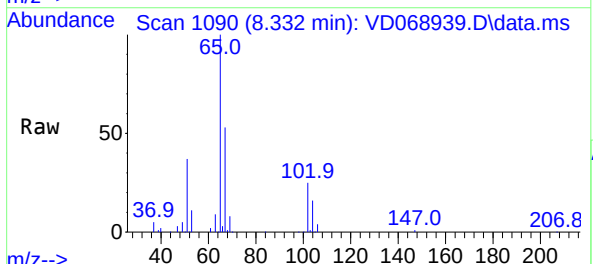
Instrument :
MSVOA_D
ClientSampled :
S-5

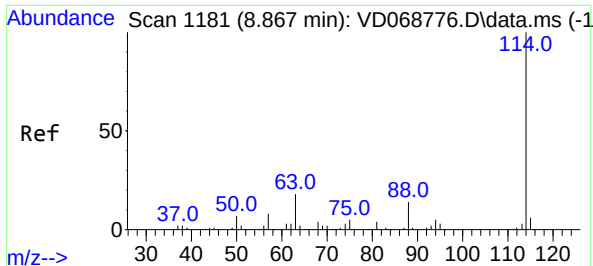
Tgt Ion:168 Resp: 278771
Ion Ratio Lower Upper
168 100
99 53.5 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 41.08 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068939.D
Acq: 21 Apr 2021 21:01

Tgt Ion: 65 Resp: 121042
Ion Ratio Lower Upper
65 100
67 53.5 0.0 106.0



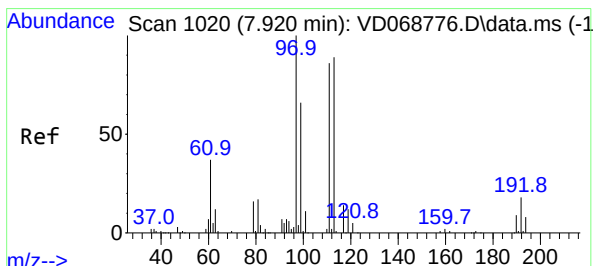
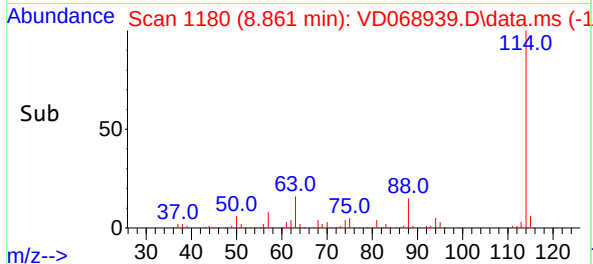
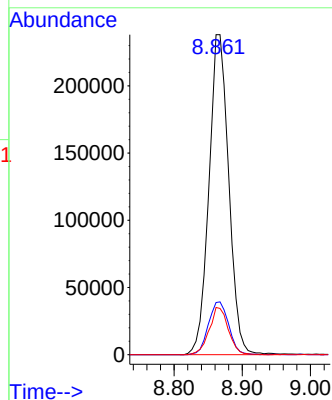
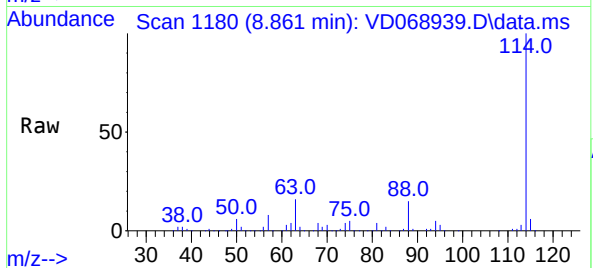


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD068939.D
Acq: 21 Apr 2021 21:01

Instrument :
MSVOA_D
ClientSampled :
S-5

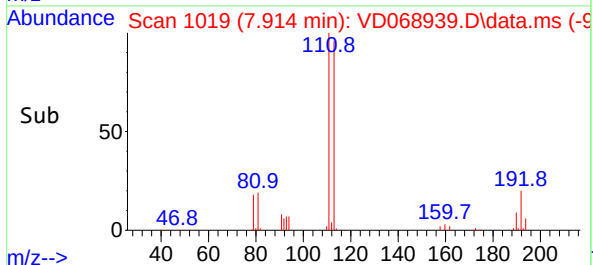
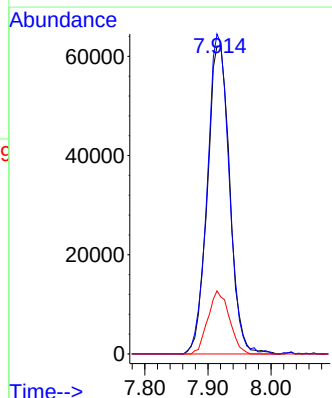
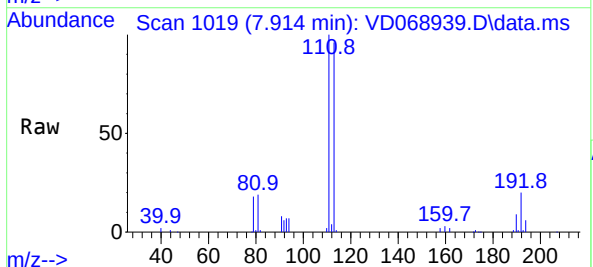
Tgt Ion:114 Resp: 482010
Ion Ratio Lower Upper
114 100
63 16.3 0.0 38.2
88 14.7 0.0 29.4

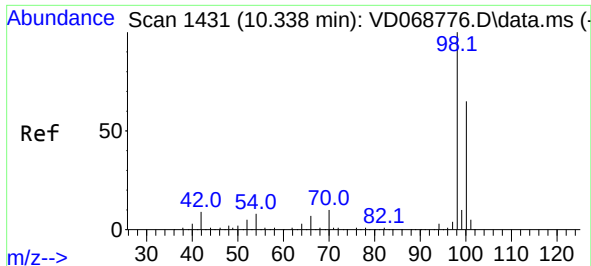


#35

Dibromofluoromethane
Concen: 48.77 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068939.D
Acq: 21 Apr 2021 21:01

Tgt Ion:113 Resp: 152903
Ion Ratio Lower Upper
113 100
111 101.3 82.5 123.7
192 19.6 15.1 22.7

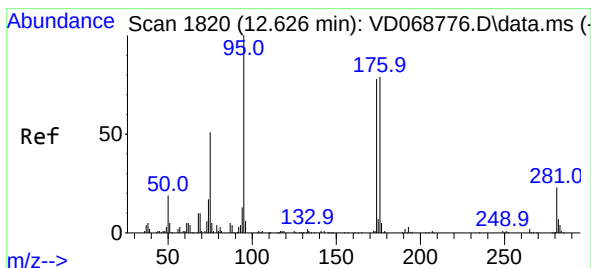
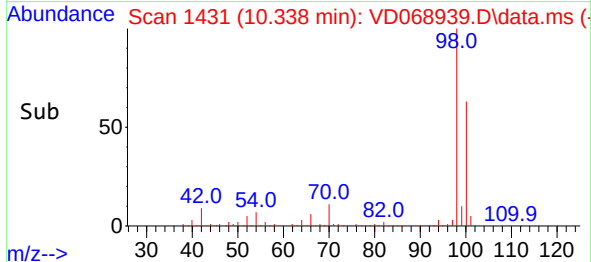
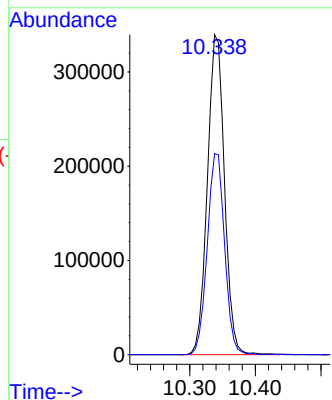
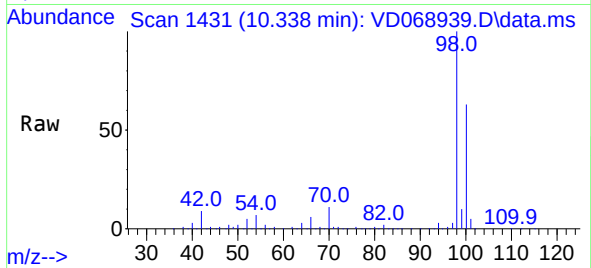




#50
Toluene-d8
Concen: 52.06 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068939.D
Acq: 21 Apr 2021 21:01

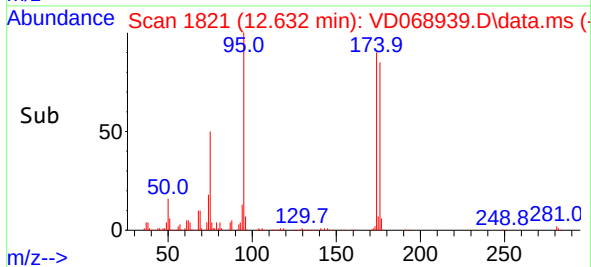
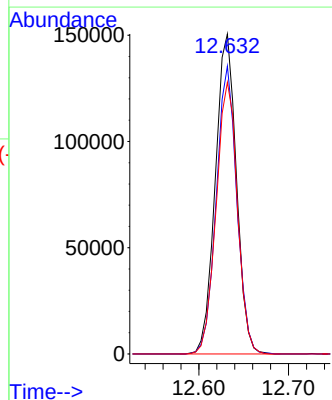
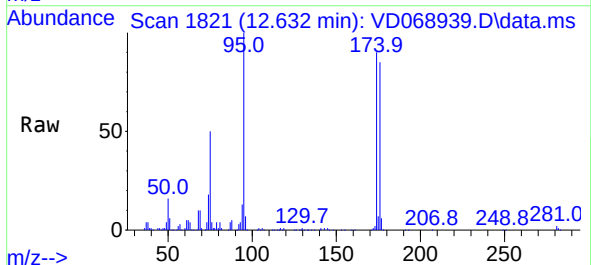
Instrument :
MSVOA_D
ClientSampled :
S-5

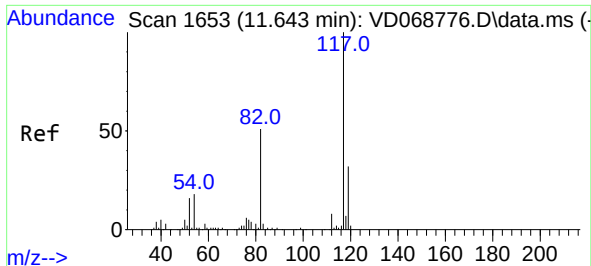
Tgt Ion: 98 Resp: 615684
Ion Ratio Lower Upper
98 100
100 63.8 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 62.54 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068939.D
Acq: 21 Apr 2021 21:01

Tgt Ion: 95 Resp: 245649
Ion Ratio Lower Upper
95 100
174 87.7 0.0 168.0
176 85.4 0.0 160.2

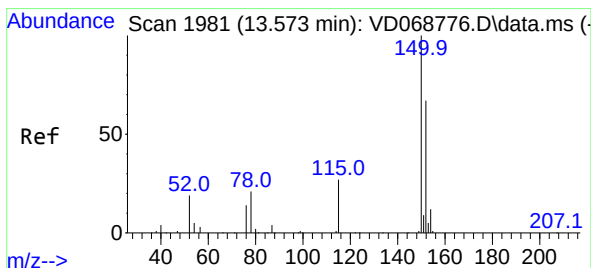
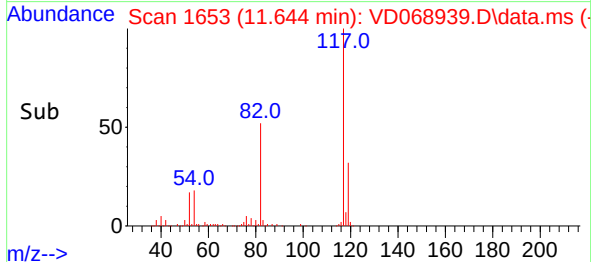
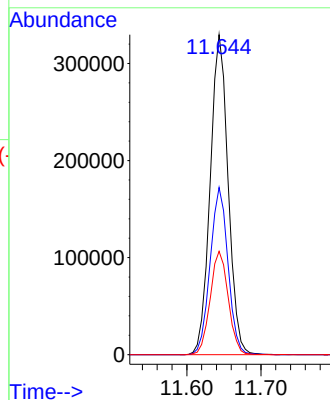
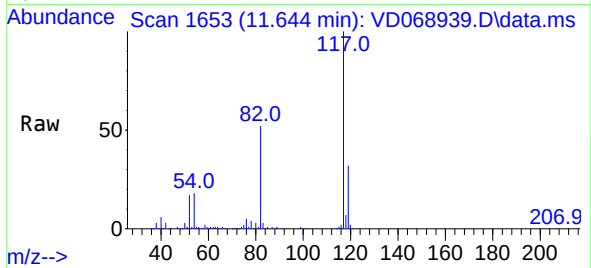




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068939.D
Acq: 21 Apr 2021 21:01

Instrument :
MSVOA_D
ClientSampleId :
S-5

Tgt Ion:	117	Resp:	553627
Ion	Ratio	Lower	Upper
117	100		
82	52.2	43.5	65.3
119	32.3	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: VD068939.D
Acq: 21 Apr 2021 21:01

Tgt Ion:	152	Resp:	279714
Ion	Ratio	Lower	Upper
152	100		
115	57.2	29.3	87.8
150	157.4	0.0	347.6

