

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032621\
 Data File : VD068679.D
 Acq On : 26 Mar 2021 12:47
 Operator : VA/SY
 Sample : M1812-03
 Misc : 7.18G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Quant Time: Mar 27 00:42:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

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

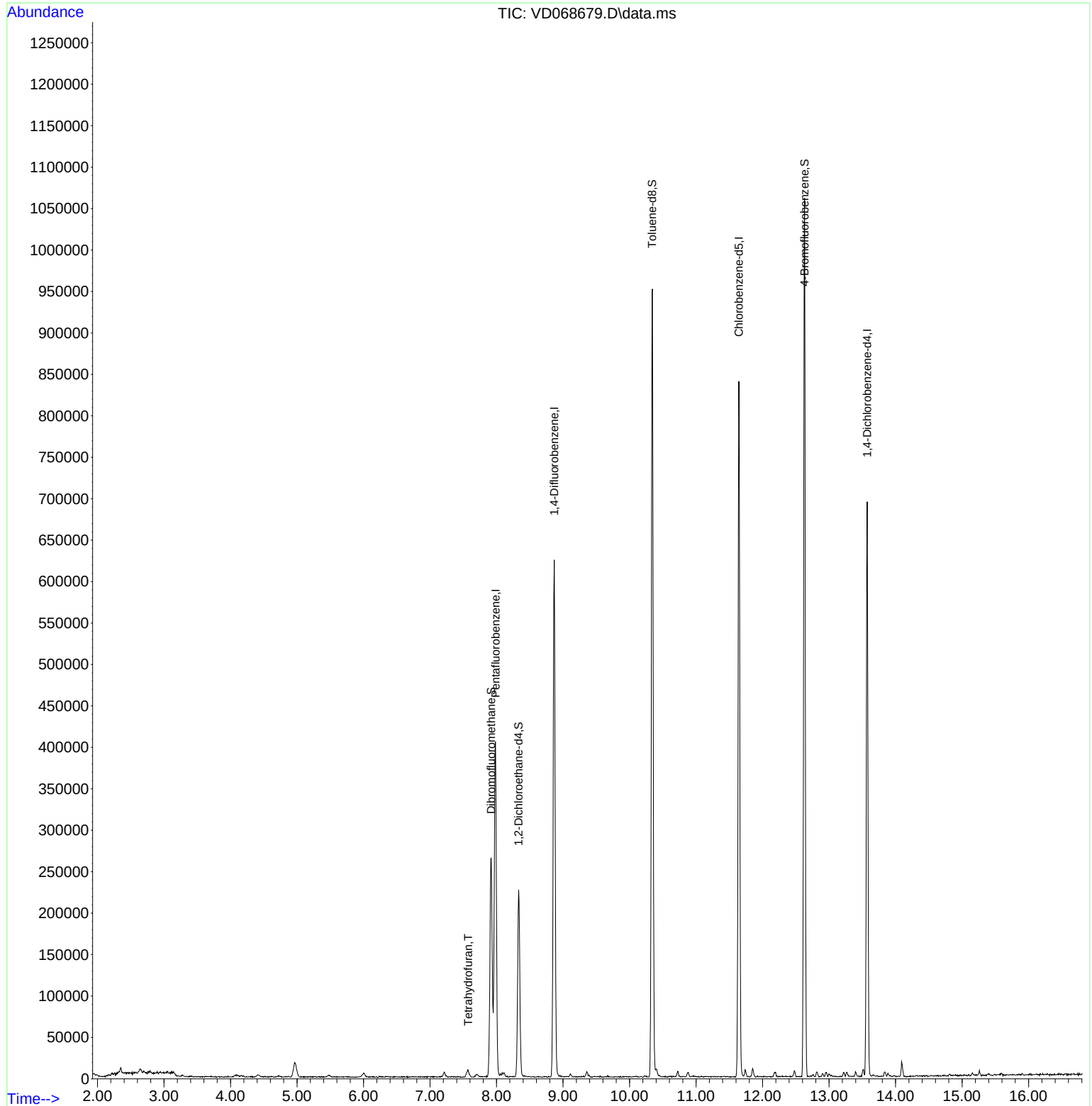
Internal Standards						
1) Pentafluorobenzene	7.985	168	306792	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	556159	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	506522	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	188597	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	176342	57.00	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.00%
35) Dibromofluoromethane	7.920	113	192731	55.70	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.40%
50) Toluene-d8	10.338	98	686288	51.44	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.88%
62) 4-Bromofluorobenzene	12.632	95	217637	50.31	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.62%
Target Compounds						
29) Tetrahydrofuran	7.573	42	5519	14.04	ug/l	Qvalue 94

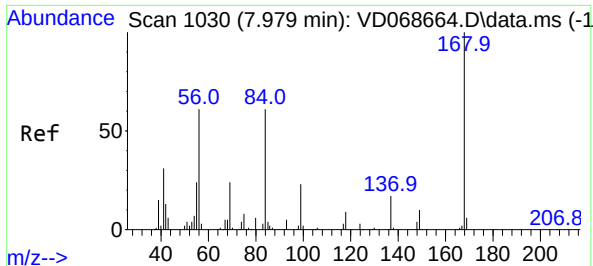
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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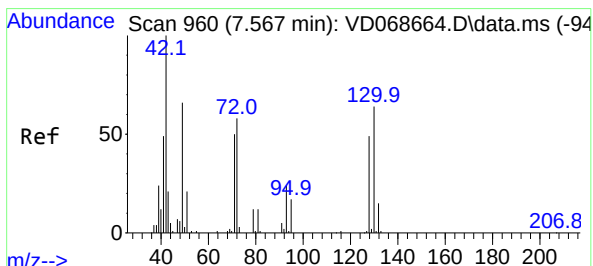
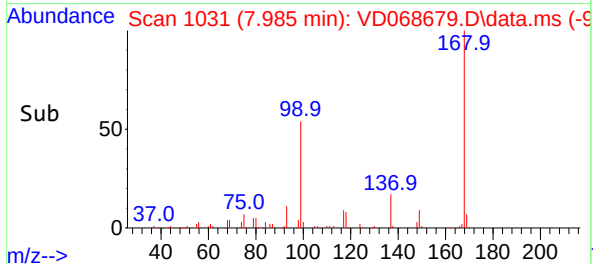
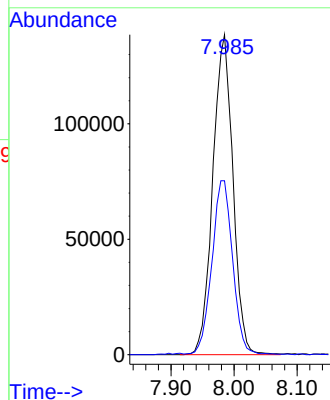
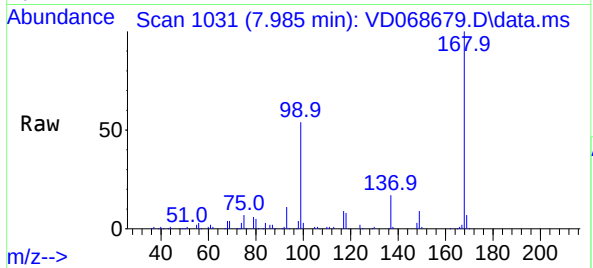




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068679.D
Acq: 26 Mar 2021 12:47

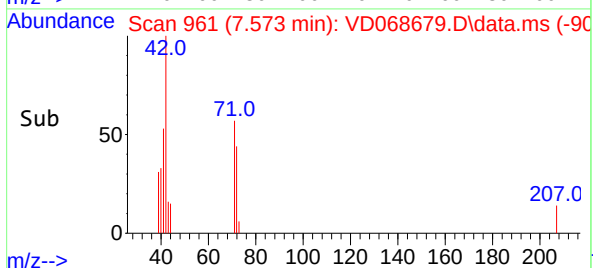
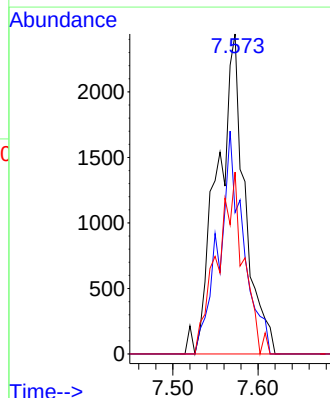
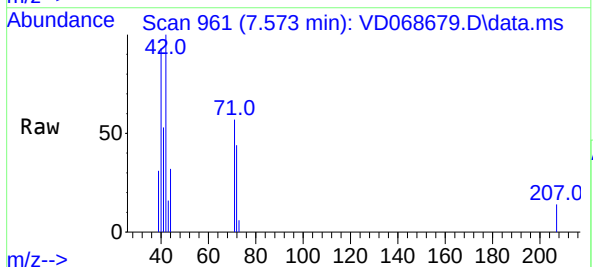
Instrument :
MSVOA_D
ClientSampleId :
TP-2

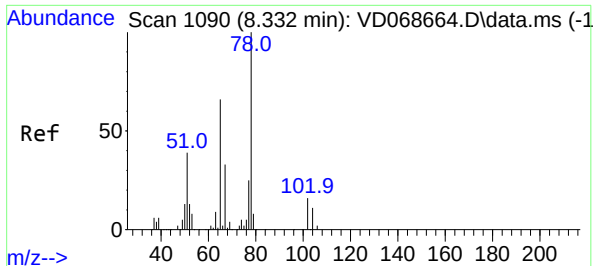
Tgt Ion:168 Resp: 306792
Ion Ratio Lower Upper
168 100
99 54.2 46.2 69.2



#29
Tetrahydrofuran
Concen: 14.04 ug/l
RT: 7.573 min Scan# 961
Delta R.T. 0.006 min
Lab File: VD068679.D
Acq: 26 Mar 2021 12:47

Tgt Ion: 42 Resp: 5519
Ion Ratio Lower Upper
42 100
72 61.6 45.2 67.8
71 54.4 40.8 61.2



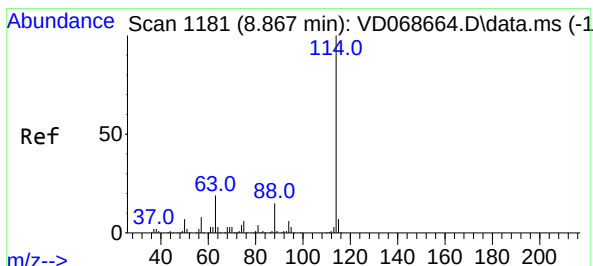
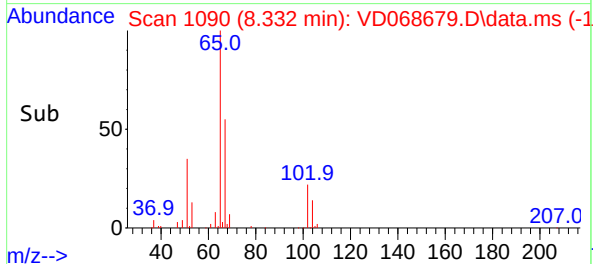
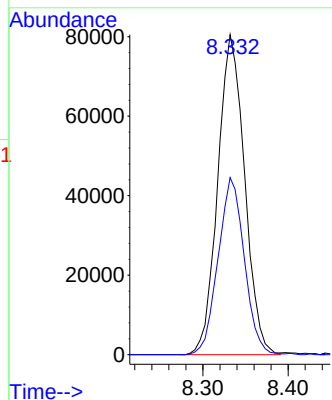
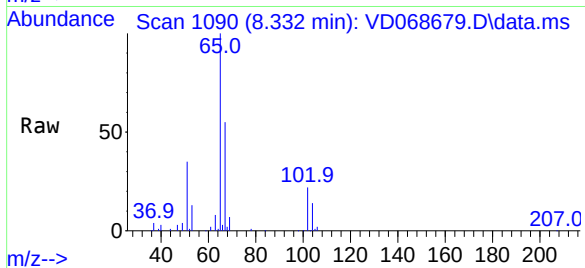


#33

1,2-Dichloroethane-d4
Concen: 57.00 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068679.D
Acq: 26 Mar 2021 12:47

Instrument :
MSVOA_D
ClientSampleId :
TP-2

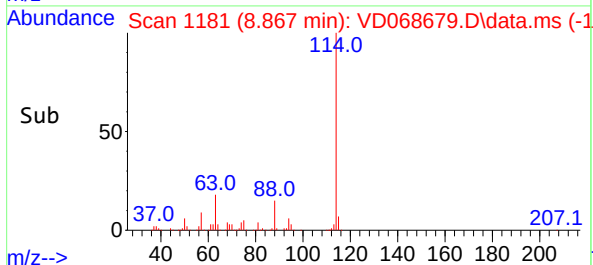
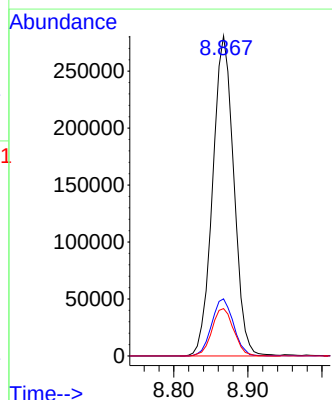
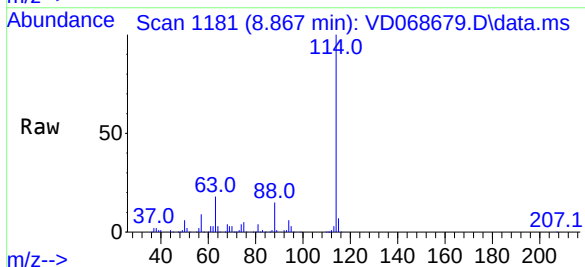
Tgt Ion: 65 Resp: 176342
Ion Ratio Lower Upper
65 100
67 54.1 0.0 106.0

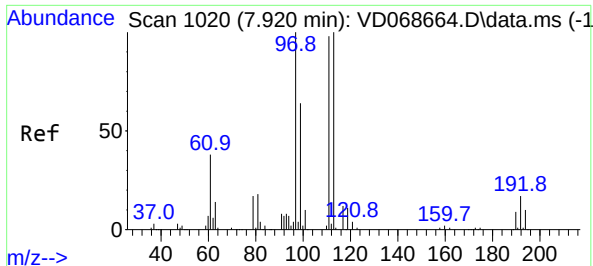


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068679.D
Acq: 26 Mar 2021 12:47

Tgt Ion:114 Resp: 556159
Ion Ratio Lower Upper
114 100
63 17.9 0.0 38.2
88 14.8 0.0 29.4



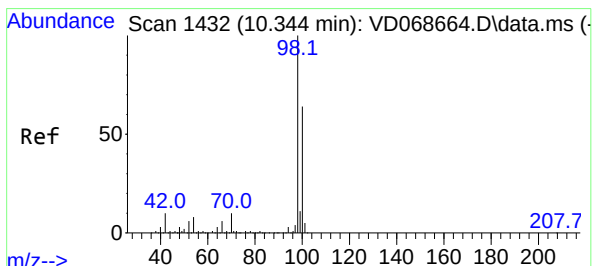
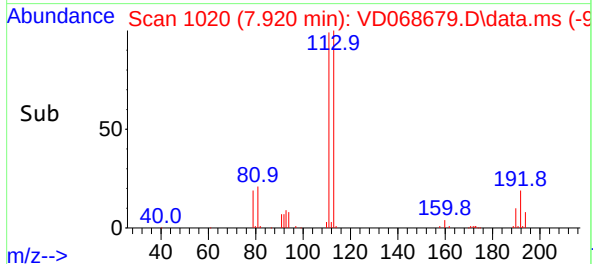
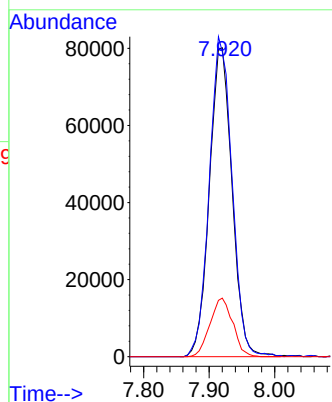
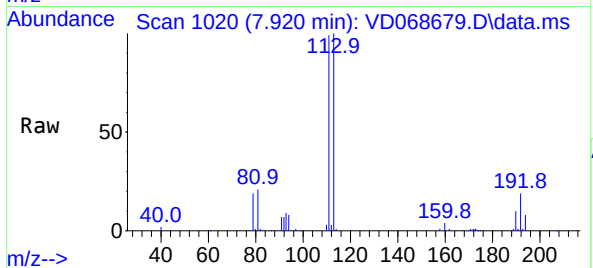


#35

Dibromofluoromethane
Concen: 55.70 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068679.D
Acq: 26 Mar 2021 12:47

Instrument :
MSVOA_D
ClientSampled :
TP-2

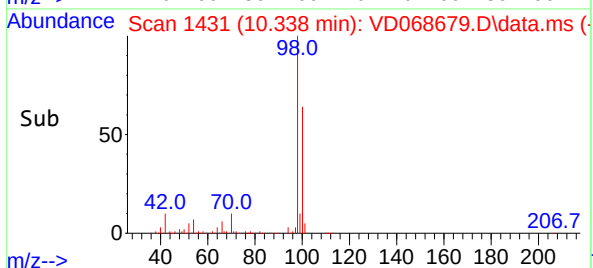
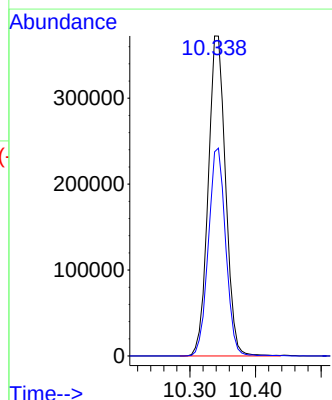
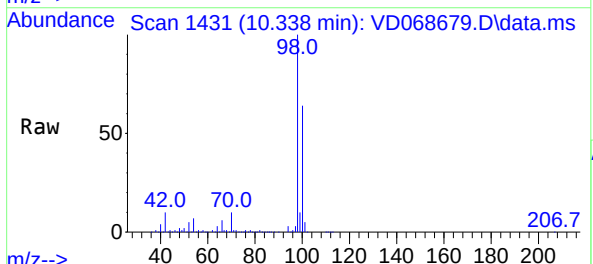
Tgt Ion:113 Resp: 192731
Ion Ratio Lower Upper
113 100
111 103.4 82.5 123.7
192 19.0 15.1 22.7

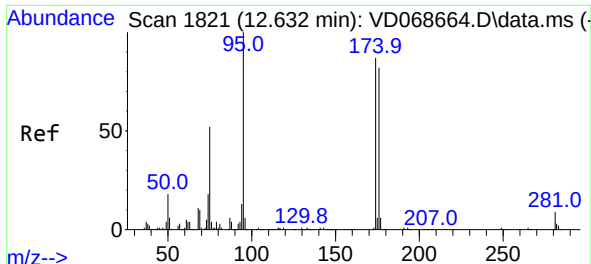


#50

Toluene-d8
Concen: 51.44 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068679.D
Acq: 26 Mar 2021 12:47

Tgt Ion: 98 Resp: 686288
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6



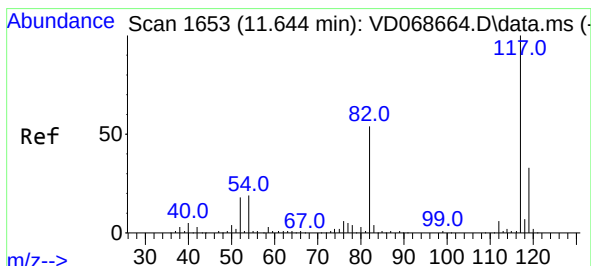
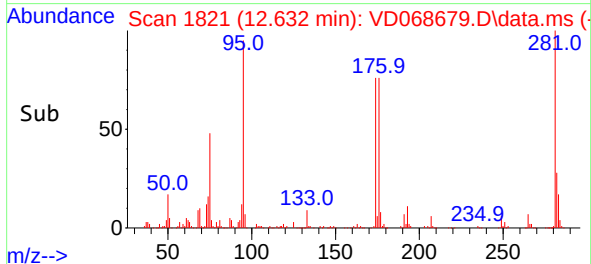
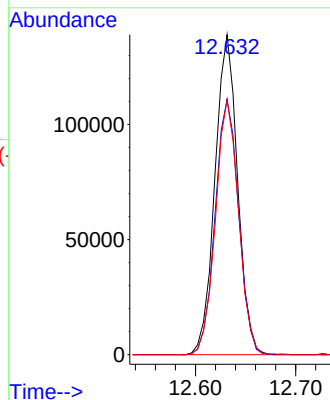
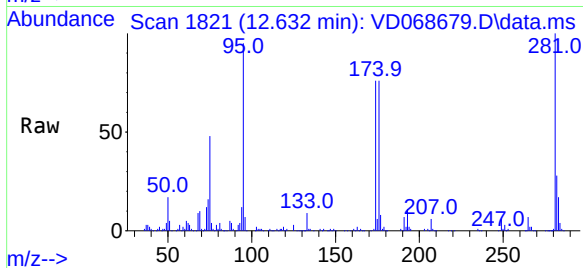


#62
4-Bromofluorobenzene
Concen: 50.31 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068679.D
Acq: 26 Mar 2021 12:47

Instrument :
MSVOA_D
ClientSampleId :
TP-2

Tgt Ion: 95 Resp: 217637

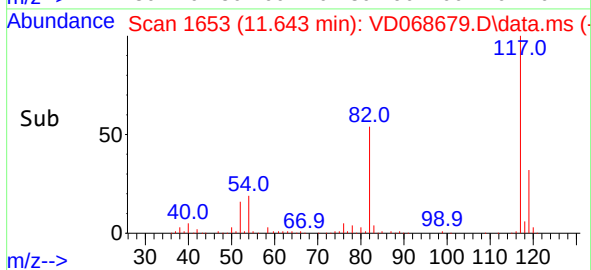
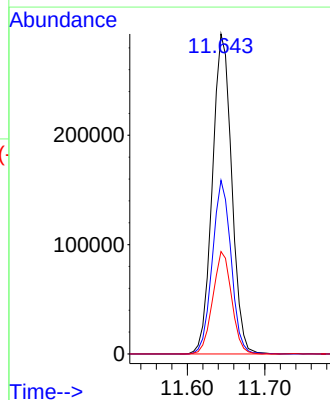
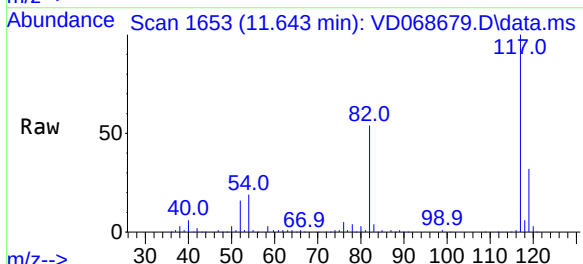
Ion	Ratio	Lower	Upper
95	100		
174	82.6	0.0	168.0
176	80.9	0.0	160.2

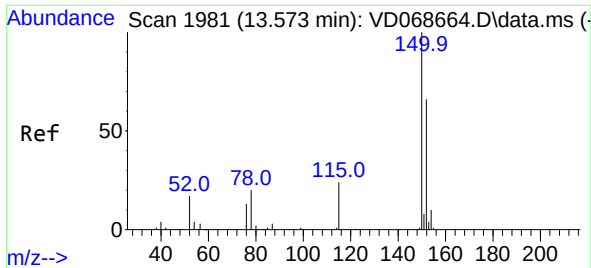


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD068679.D
Acq: 26 Mar 2021 12:47

Tgt Ion: 117 Resp: 506522

Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.5	65.3
119	32.0	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: VD068679.D
 Acq: 26 Mar 2021 12:47

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Tgt Ion:	152	Resp:	188597
Ion	Ratio	Lower	Upper
152	100		
115	57.9	29.3	87.8
150	158.1	0.0	347.6

