

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042221\
 Data File : VD068950.D
 Acq On : 22 Apr 2021 13:59
 Operator : VA/SY
 Sample : M2132-10
 Misc : 5.33G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2-VOC-TCL

Quant Time: Apr 23 08:45:26 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)

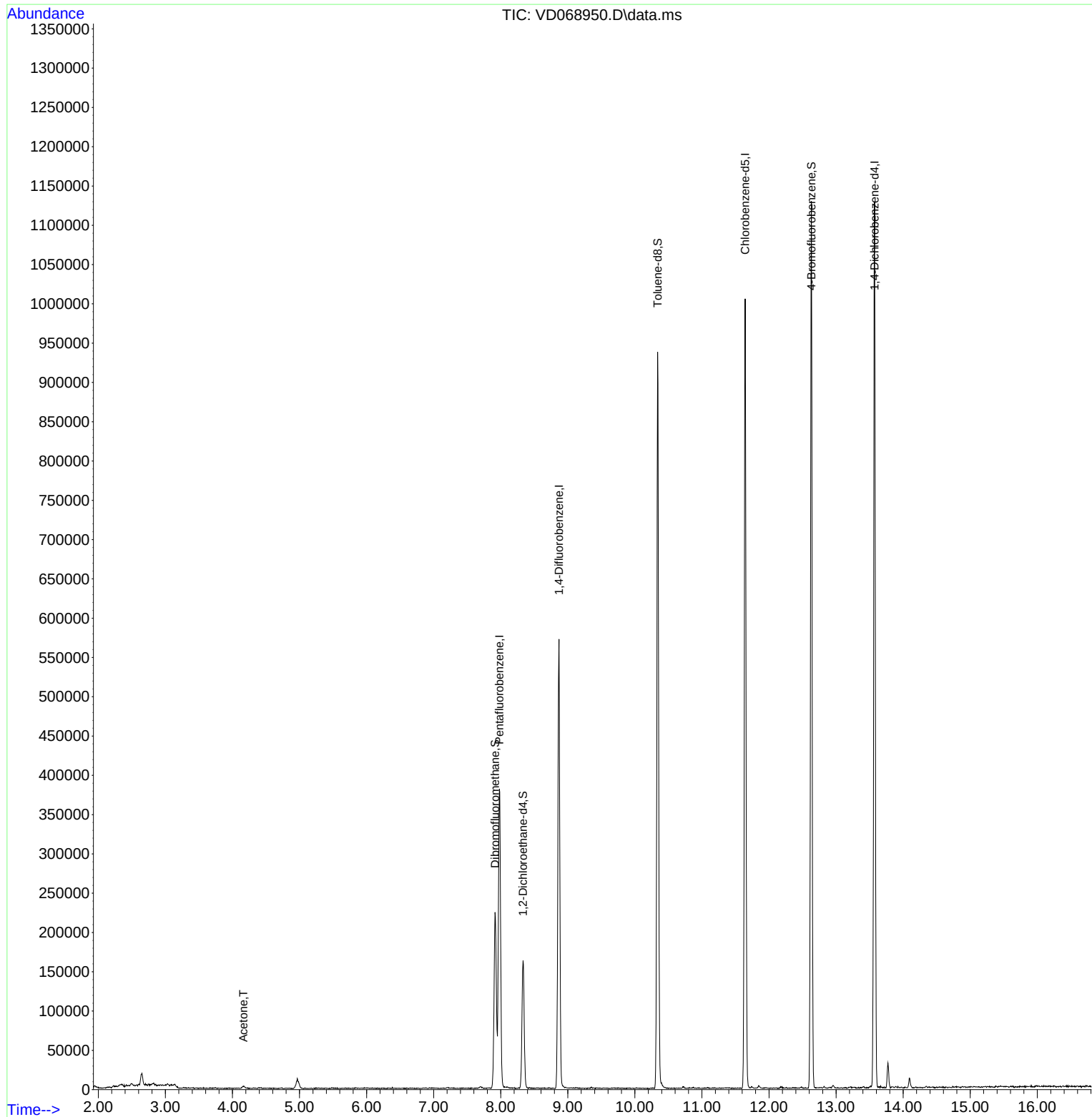
Internal Standards						
1) Pentafluorobenzene	7.979	168	296402	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	513872	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	604871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	316542	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	130023	41.51	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.02%
35) Dibromofluoromethane	7.914	113	162427	48.60	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.20%
50) Toluene-d8	10.338	98	654434	51.90	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.80%
62) 4-Bromofluorobenzene	12.632	95	274014	65.43	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	130.86%
Target Compounds						
16) Acetone	4.162	43	4467	10.30	ug/l	Qvalue # 84

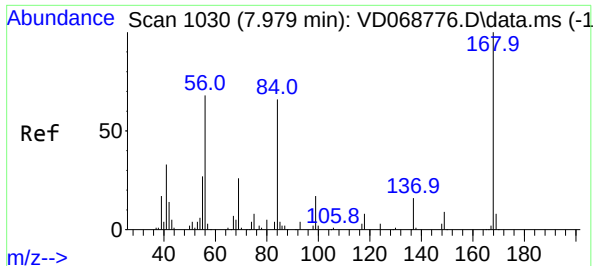
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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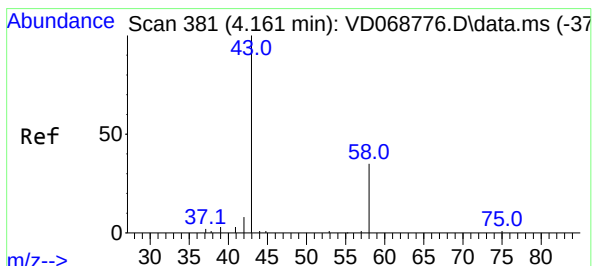
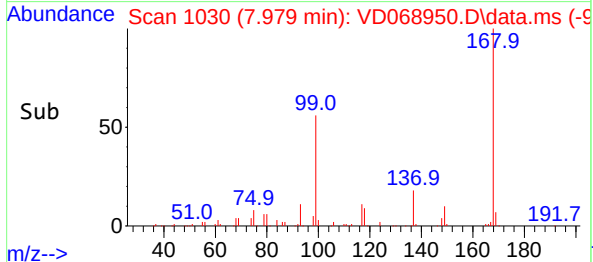
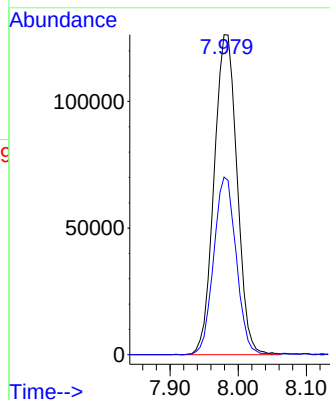
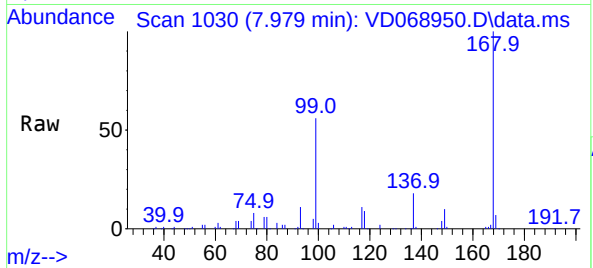




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068950.D
Acq: 22 Apr 2021 13:59

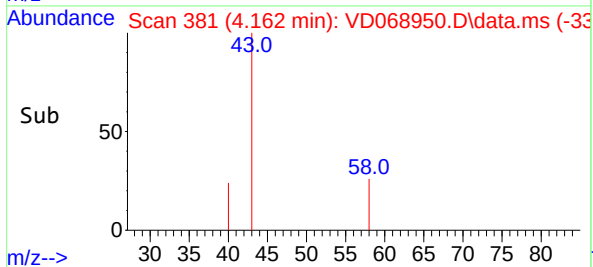
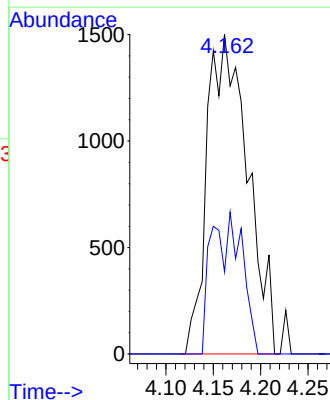
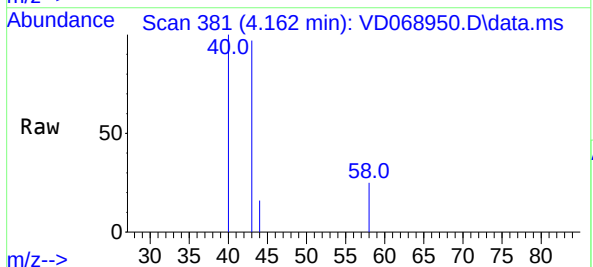
Instrument :
MSVOA_D
ClientSampleId :
TP-2-VOC-TCL

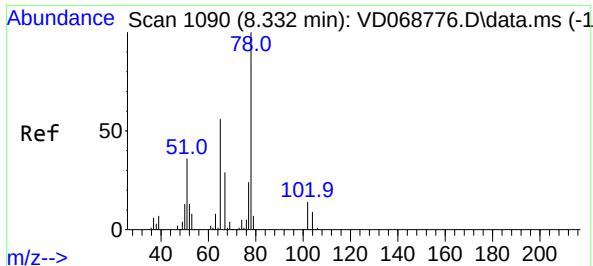
Tgt Ion:168 Resp: 296402
Ion Ratio Lower Upper
168 100
99 55.5 46.2 69.2



#16
Acetone
Concen: 10.30 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD068950.D
Acq: 22 Apr 2021 13:59

Tgt Ion: 43 Resp: 4467
Ion Ratio Lower Upper
43 100
58 25.7 28.0 42.0#

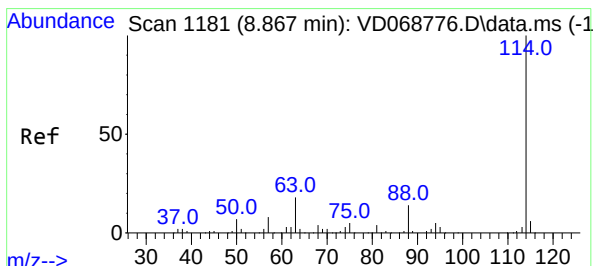
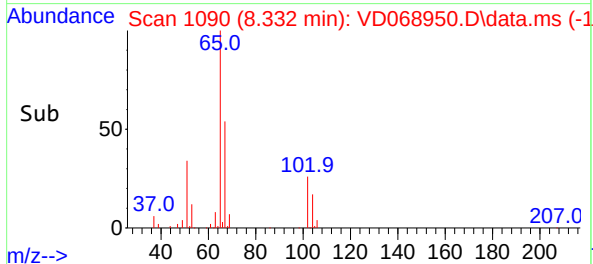
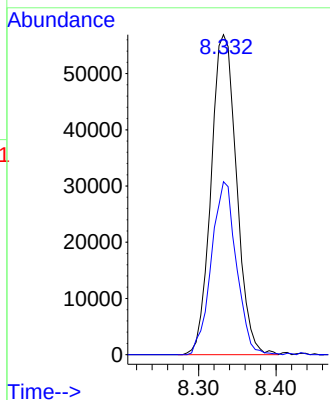
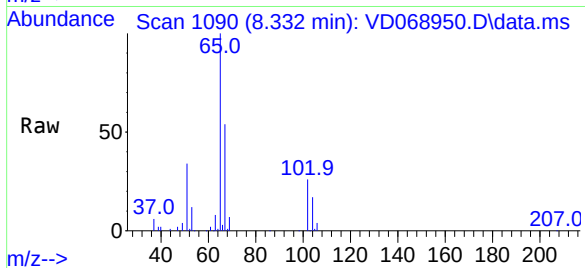




#33
1,2-Dichloroethane-d4
Concen: 41.51 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068950.D
Acq: 22 Apr 2021 13:59

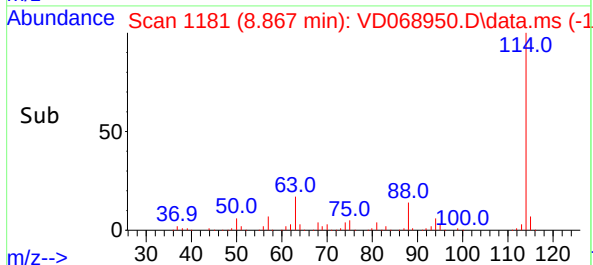
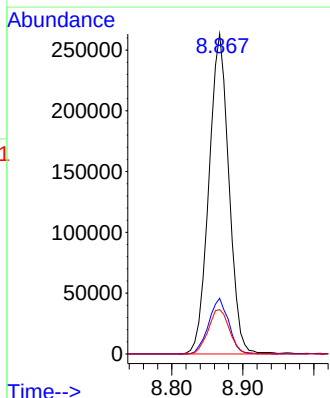
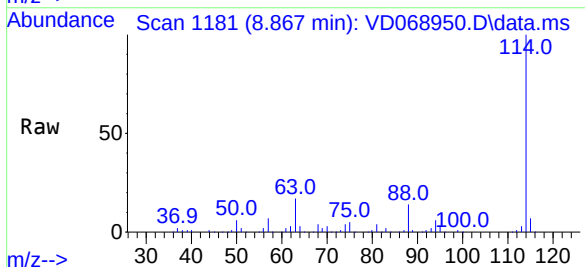
Instrument :
MSVOA_D
ClientSampleId :
TP-2-VOC-TCL

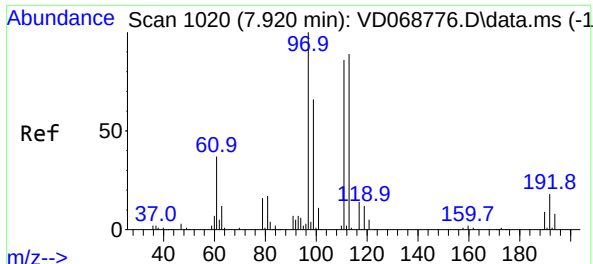
Tgt Ion: 65 Resp: 130023
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068950.D
Acq: 22 Apr 2021 13:59

Tgt Ion: 114 Resp: 513872
Ion Ratio Lower Upper
114 100
63 17.4 0.0 38.2
88 13.9 0.0 29.4



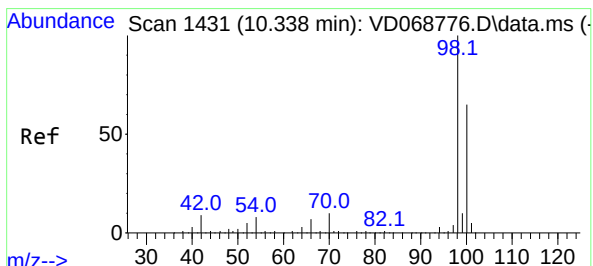
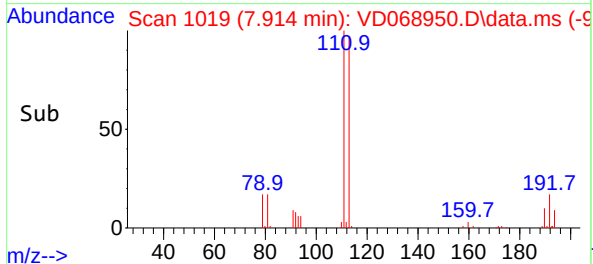
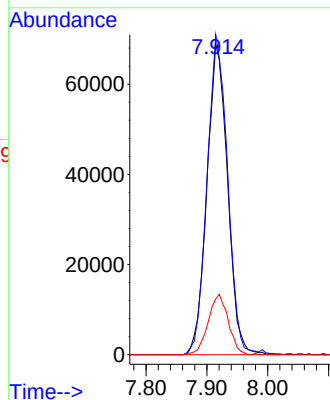
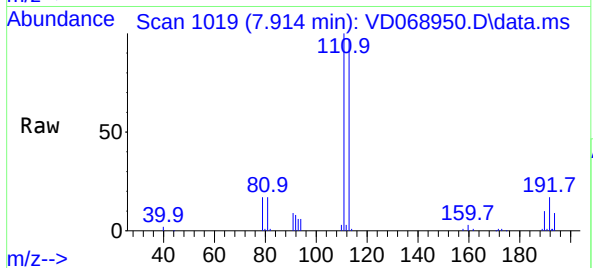


#35
Dibromofluoromethane
Concen: 48.60 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068950.D
Acq: 22 Apr 2021 13:59

Instrument :
MSVOA_D
ClientSampleId :
TP-2-VOC-TCL

Tgt Ion:113 Resp: 162427

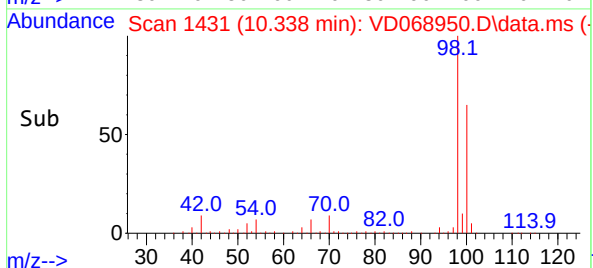
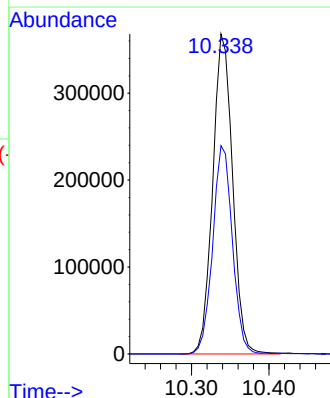
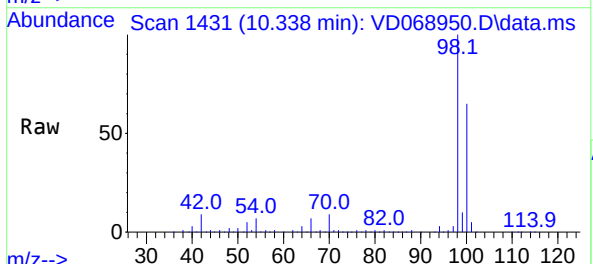
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.5	123.7
192	18.9	15.1	22.7

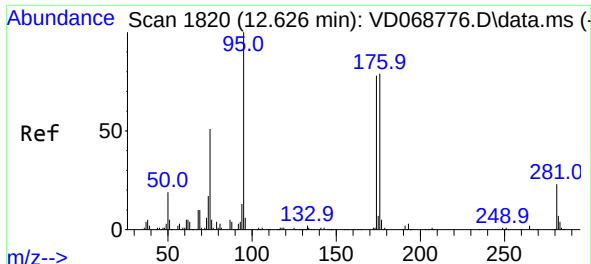


#50
Toluene-d8
Concen: 51.90 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068950.D
Acq: 22 Apr 2021 13:59

Tgt Ion: 98 Resp: 654434

Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.8	77.6

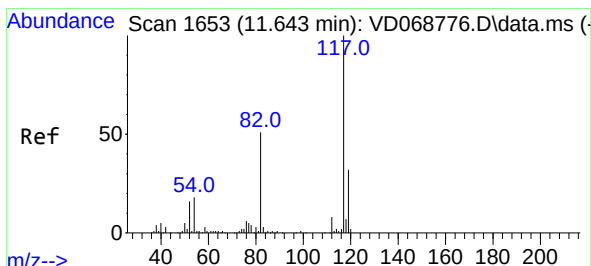
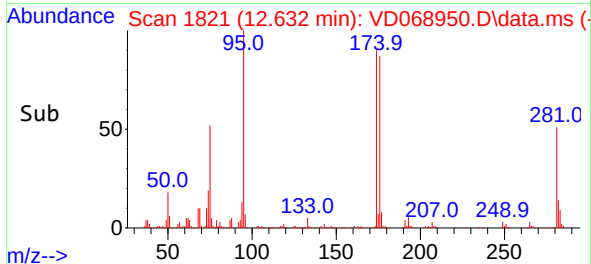
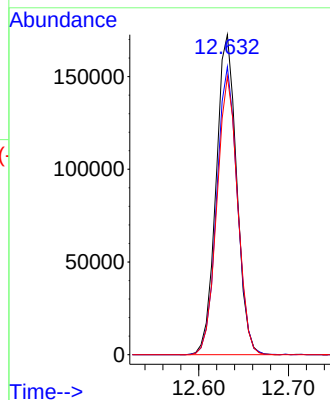
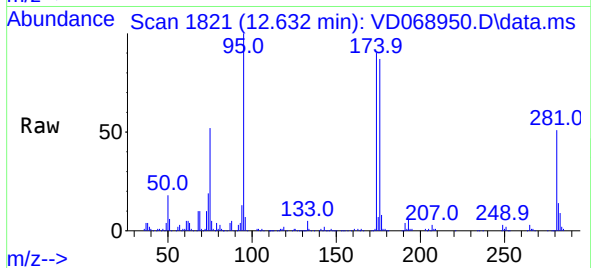




#62
4-Bromofluorobenzene
Concen: 65.43 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068950.D
Acq: 22 Apr 2021 13:59

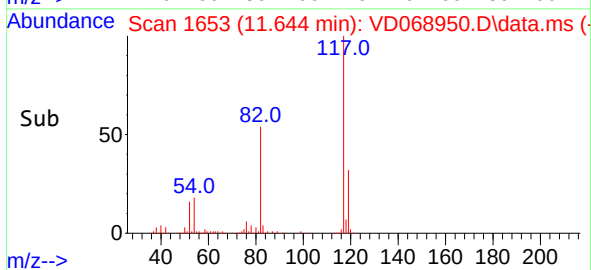
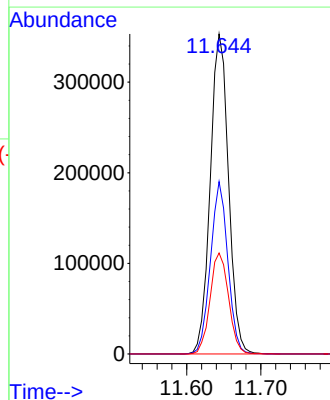
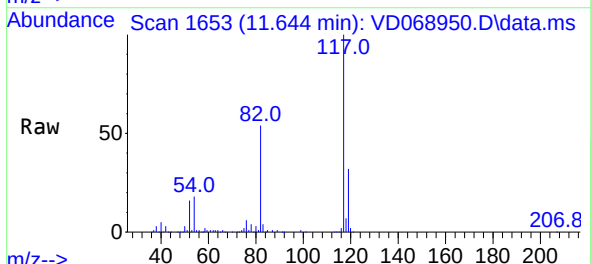
Instrument :
MSVOA_D
ClientSampleId :
TP-2-VOC-TCL

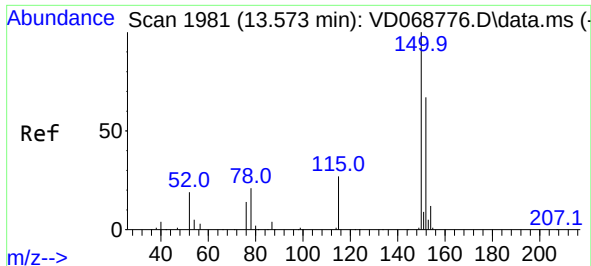
Tgt Ion: 95 Resp: 274014
Ion Ratio Lower Upper
95 100
174 90.0 0.0 168.0
176 87.3 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068950.D
Acq: 22 Apr 2021 13:59

Tgt Ion: 117 Resp: 604871
Ion Ratio Lower Upper
117 100
82 53.9 43.5 65.3
119 31.6 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: VD068950.D
Acq: 22 Apr 2021 13:59

Instrument :
MSVOA_D
ClientSampleId :
TP-2-VOC-TCL

Tgt Ion:152 Resp: 316542
Ion Ratio Lower Upper
152 100
115 56.0 29.3 87.8
150 157.9 0.0 347.6

