

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042221\
 Data File : VD068949.D
 Acq On : 22 Apr 2021 13:31
 Operator : VA/SY
 Sample : M2132-05
 Misc : 5.72G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-VOC-TCL

Quant Time: Apr 23 08:45:13 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	305161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	526027	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	613707	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	317603	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	138636	42.99	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.98%
35) Dibromofluoromethane	7.920	113	165938	48.50	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.00%
50) Toluene-d8	10.338	98	683543	52.96	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.92%
62) 4-Bromofluorobenzene	12.632	95	279587	65.22	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	130.44%

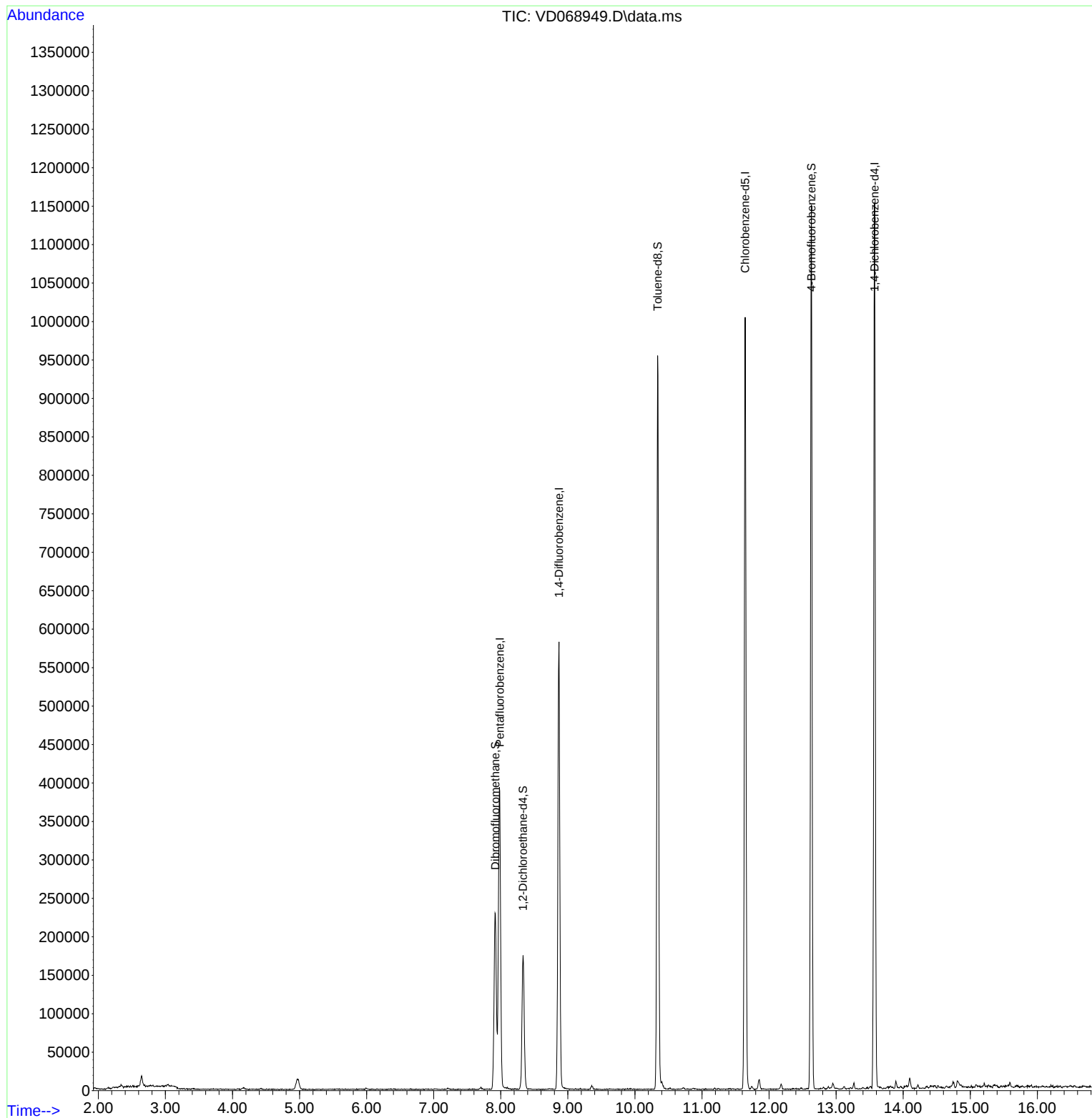
Target Compounds	Qvalue

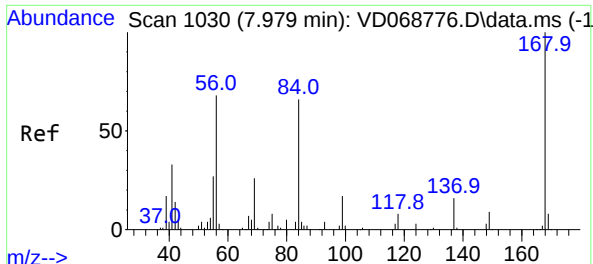
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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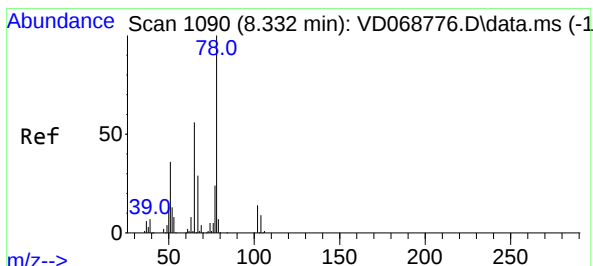
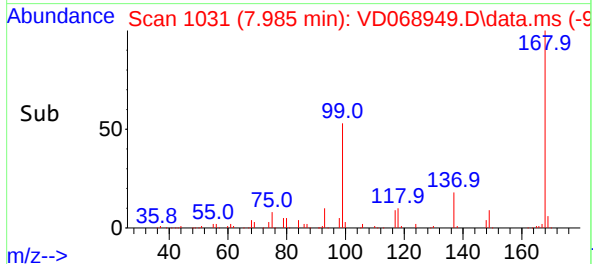
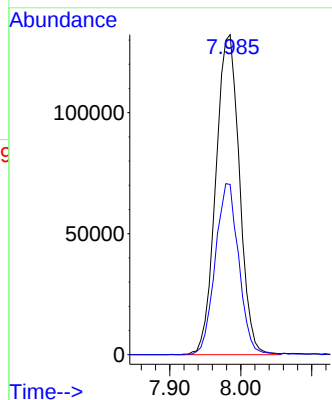
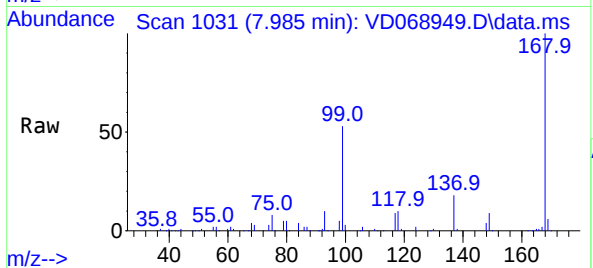




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068949.D
Acq: 22 Apr 2021 13:31

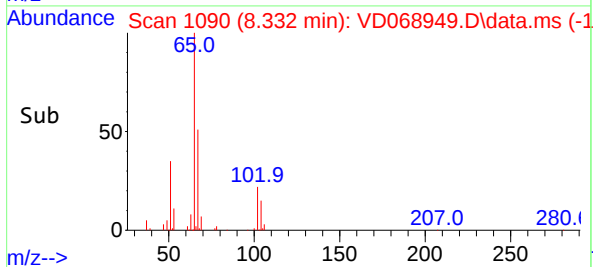
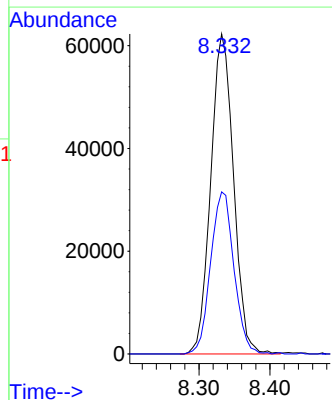
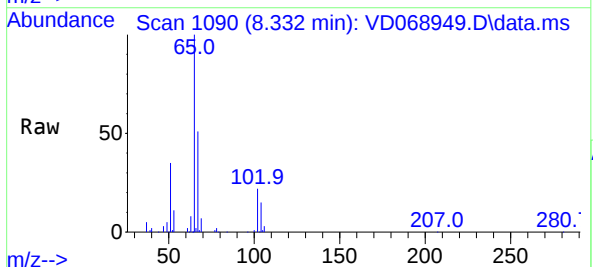
Instrument :
MSVOA_D
ClientSampleId :
TP-1-VOC-TCL

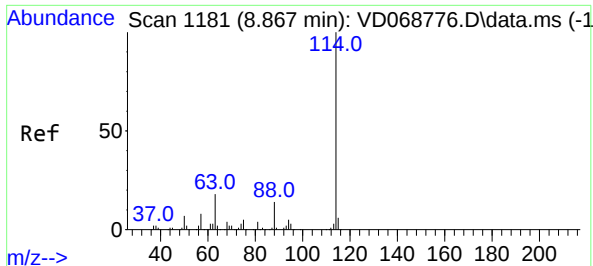
Tgt Ion:168 Resp: 305161
Ion Ratio Lower Upper
168 100
99 53.2 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 42.99 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068949.D
Acq: 22 Apr 2021 13:31

Tgt Ion: 65 Resp: 138636
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.0



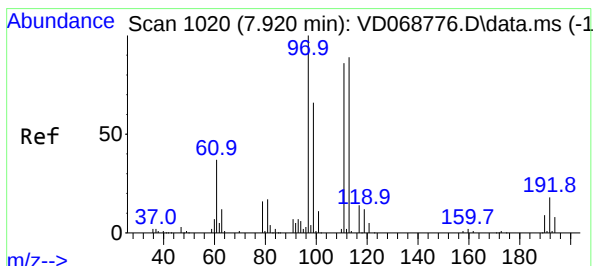
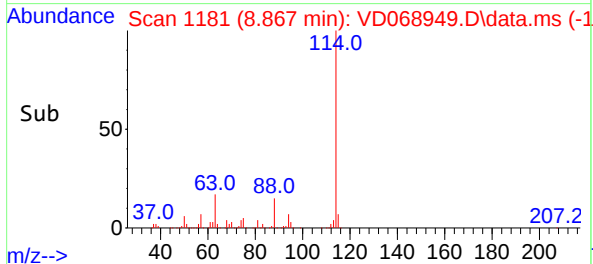
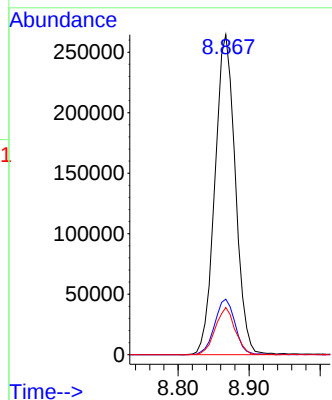
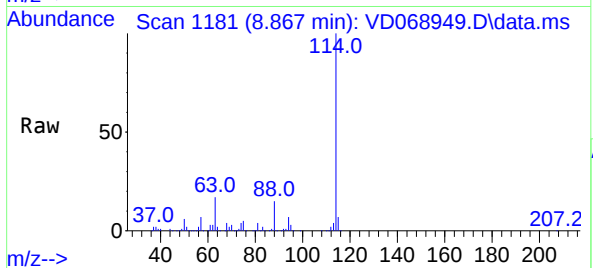


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068949.D
Acq: 22 Apr 2021 13:31

Instrument :
MSVOA_D
ClientSampleId :
TP-1-VOC-TCL

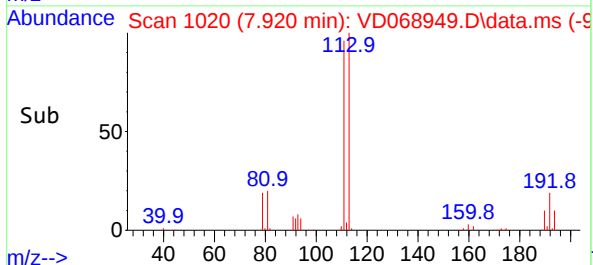
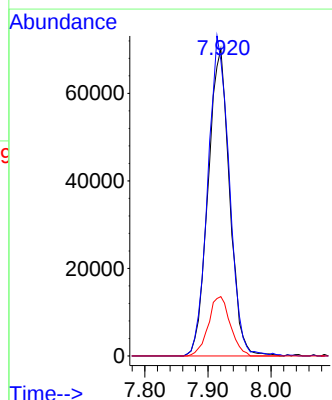
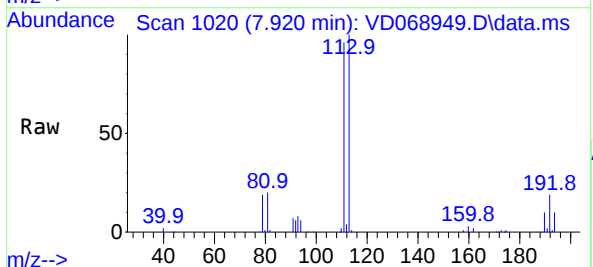
Tgt Ion:114 Resp: 526027
Ion Ratio Lower Upper
114 100
63 17.3 0.0 38.2
88 14.8 0.0 29.4

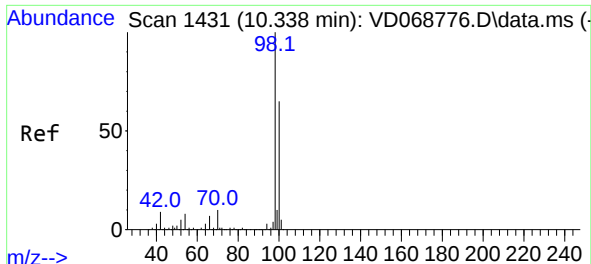


#35

Dibromofluoromethane
Concen: 48.50 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068949.D
Acq: 22 Apr 2021 13:31

Tgt Ion:113 Resp: 165938
Ion Ratio Lower Upper
113 100
111 103.4 82.5 123.7
192 19.7 15.1 22.7

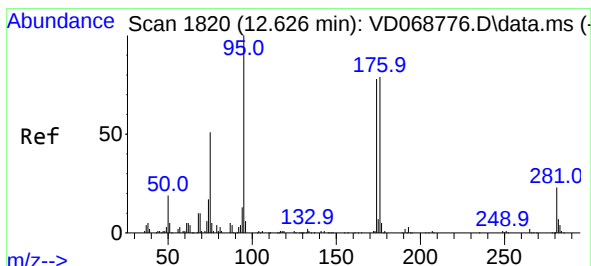
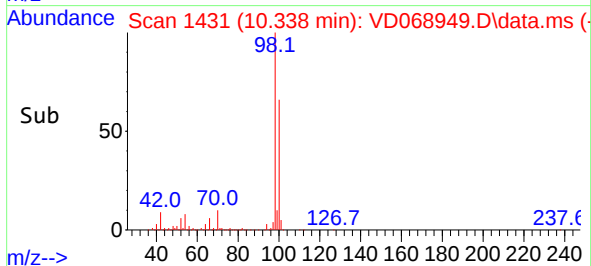
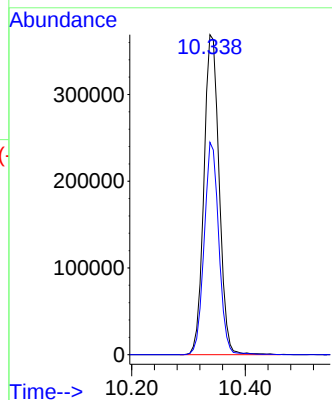
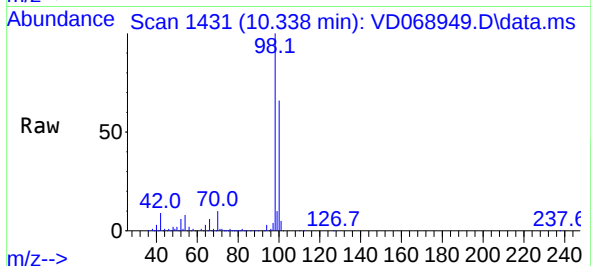




#50
Toluene-d8
Concen: 52.96 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068949.D
Acq: 22 Apr 2021 13:31

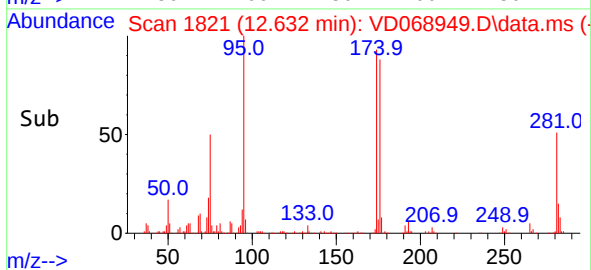
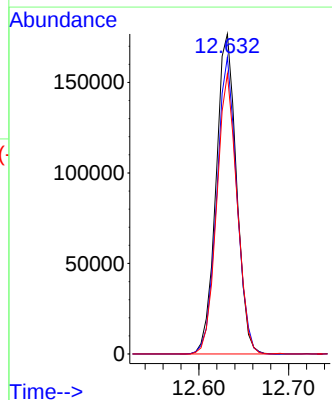
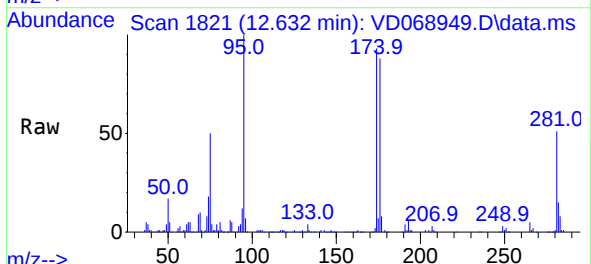
Instrument :
MSVOA_D
ClientSampleId :
TP-1-VOC-TCL

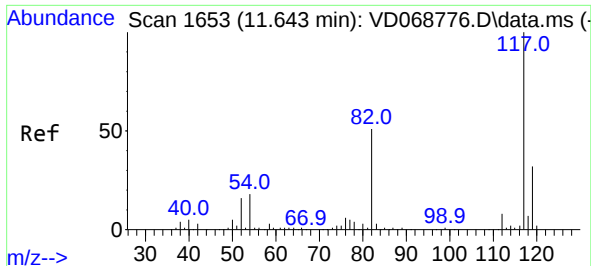
Tgt Ion: 98 Resp: 683543
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 65.22 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068949.D
Acq: 22 Apr 2021 13:31

Tgt Ion: 95 Resp: 279587
Ion Ratio Lower Upper
95 100
174 91.1 0.0 168.0
176 86.6 0.0 160.2

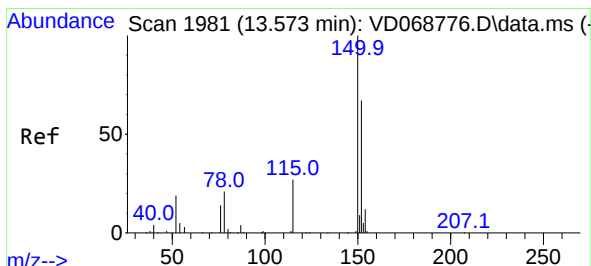
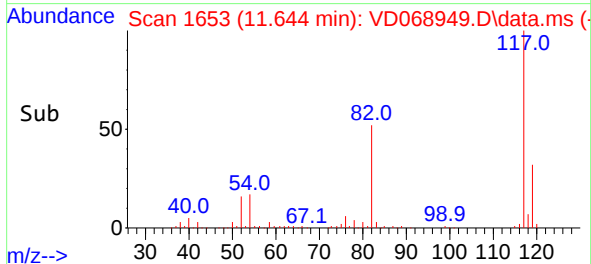
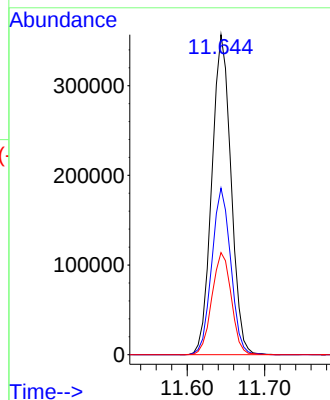
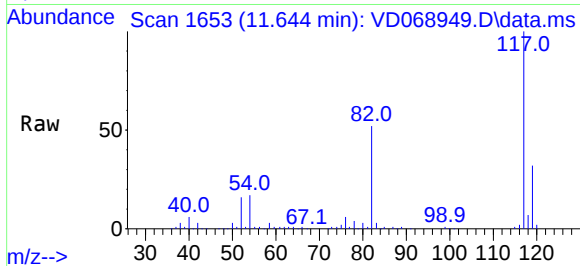




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068949.D
Acq: 22 Apr 2021 13:31

Instrument :
MSVOA_D
ClientSampleId :
TP-1-VOC-TCL

Tgt Ion:117 Resp: 613707
Ion Ratio Lower Upper
117 100
82 52.0 43.5 65.3
119 31.9 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: VD068949.D
Acq: 22 Apr 2021 13:31

Tgt Ion:152 Resp: 317603
Ion Ratio Lower Upper
152 100
115 56.4 29.3 87.8
150 157.6 0.0 347.6

