

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042321\
 Data File : VD068973.D
 Acq On : 23 Apr 2021 17:53
 Operator : VA/SY
 Sample : M2152-05
 Misc : 6.51G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3-VOC-TCL

Quant Time: Apr 26 09:51:59 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	305898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	522953	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	626953	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	335512	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	130392	40.33	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.66%
35) Dibromofluoromethane	7.914	113	164335	48.31	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.62%
50) Toluene-d8	10.338	98	668469	52.09	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.18%
62) 4-Bromofluorobenzene	12.632	95	293965	68.98	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	137.96%

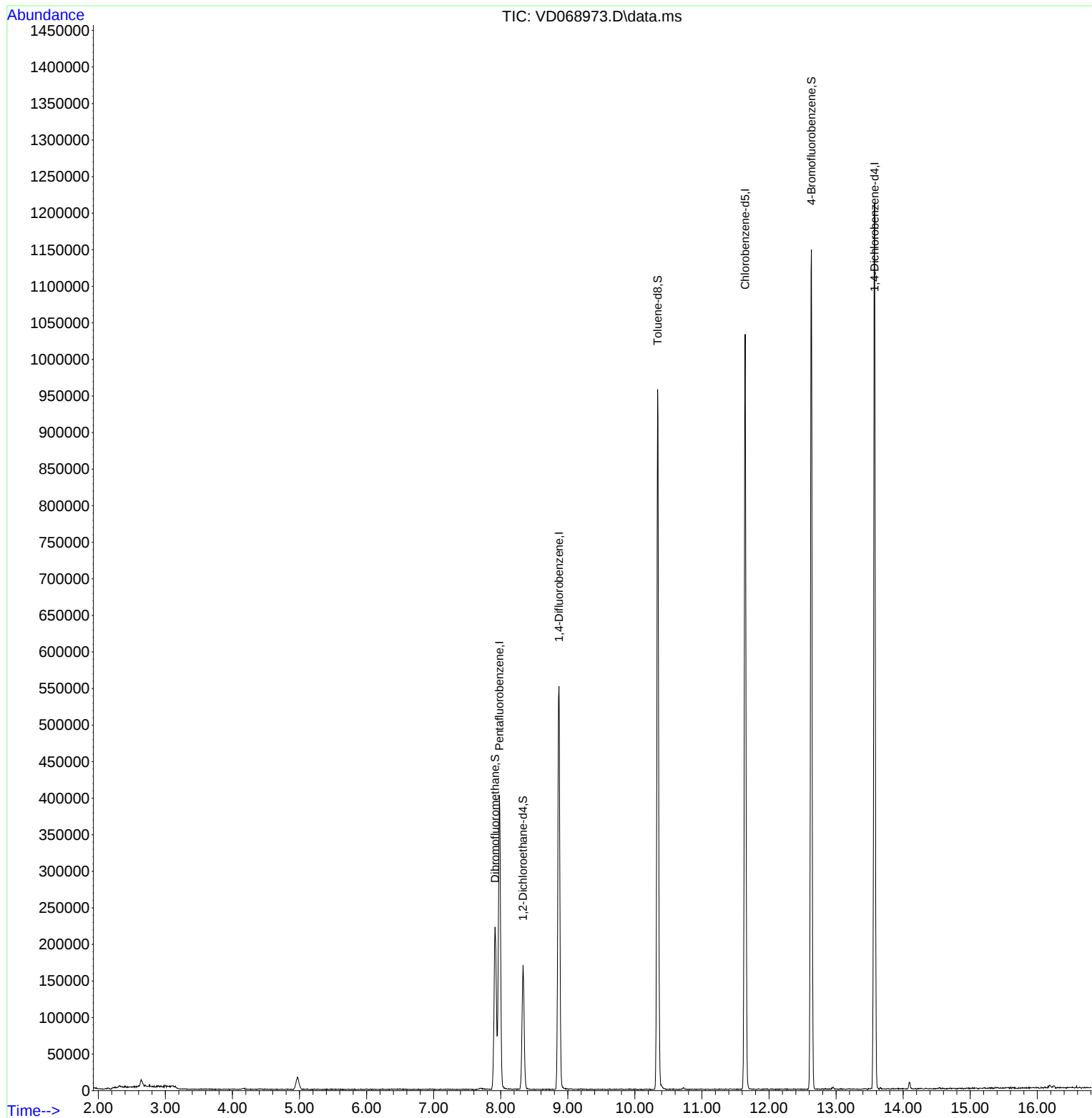
Target Compounds	Qvalue

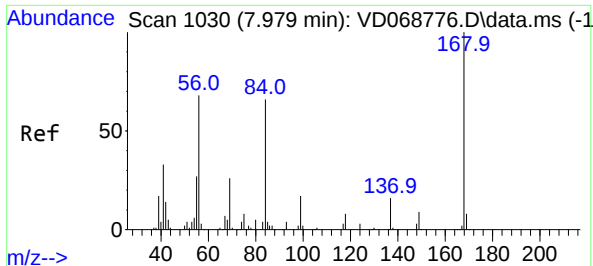
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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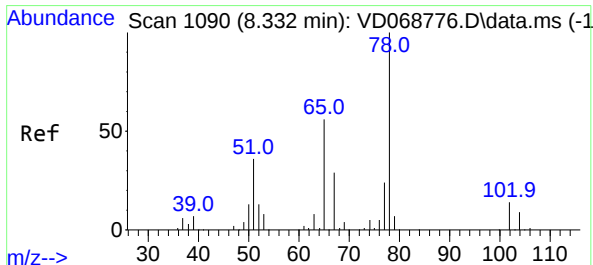
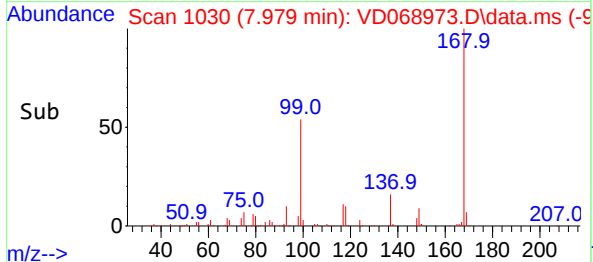
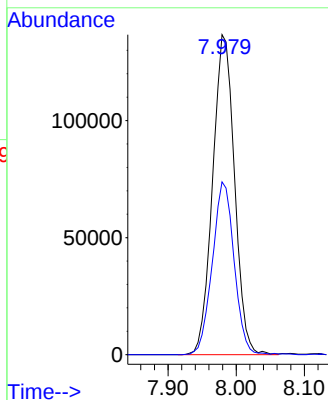
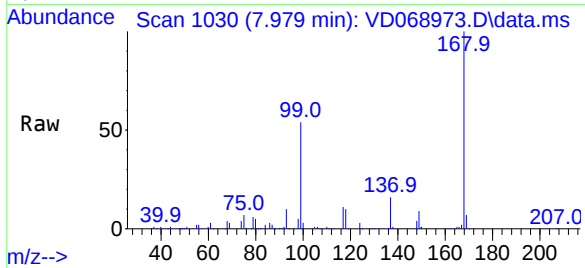




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068973.D
Acq: 23 Apr 2021 17:53

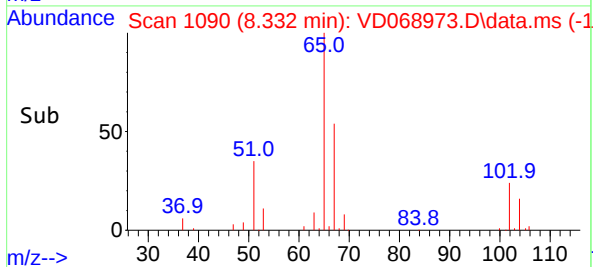
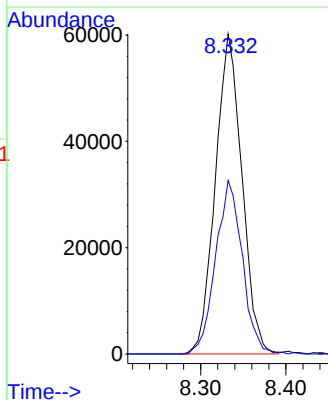
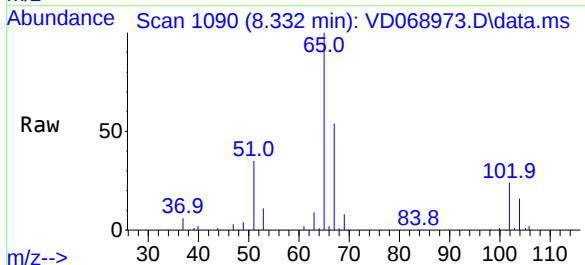
Instrument :
MSVOA_D
ClientSampleId :
TP-3-VOC-TCL

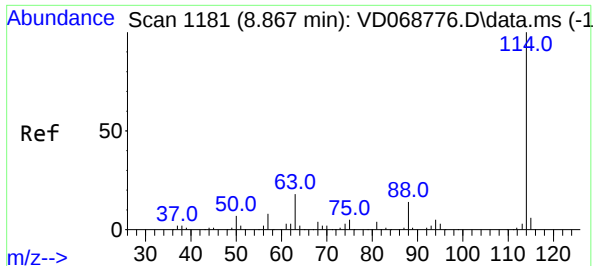
Tgt Ion:168 Resp: 305898
Ion Ratio Lower Upper
168 100
99 54.0 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 40.33 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068973.D
Acq: 23 Apr 2021 17:53

Tgt Ion: 65 Resp: 130392
Ion Ratio Lower Upper
65 100
67 54.4 0.0 106.0



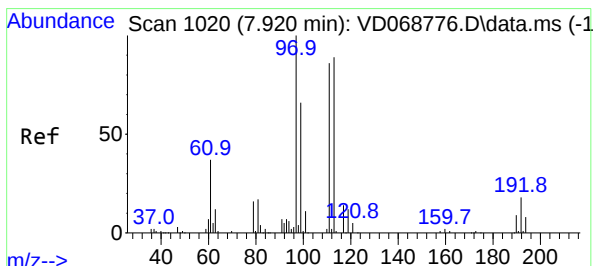
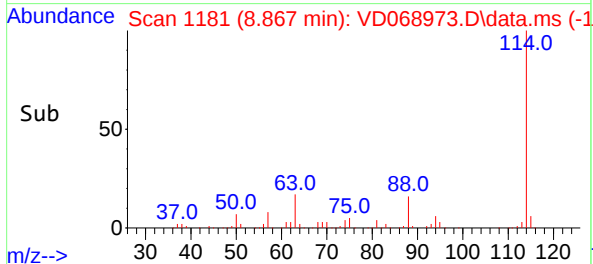
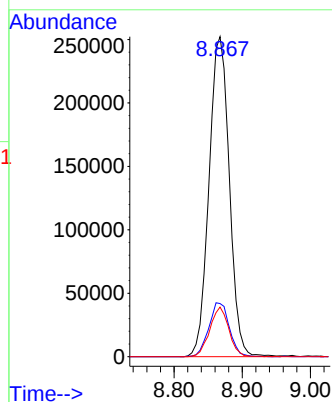
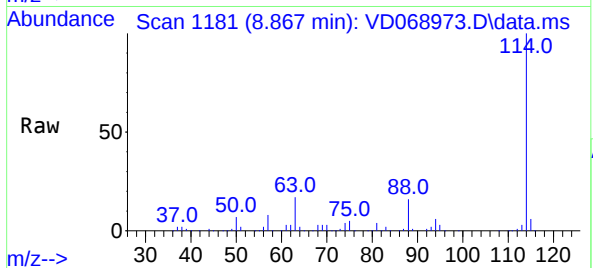


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068973.D
Acq: 23 Apr 2021 17:53

Instrument :
MSVOA_D
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TP-3-VOC-TCL

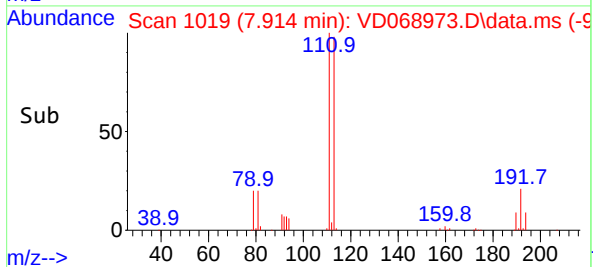
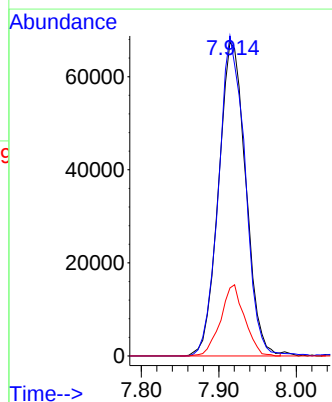
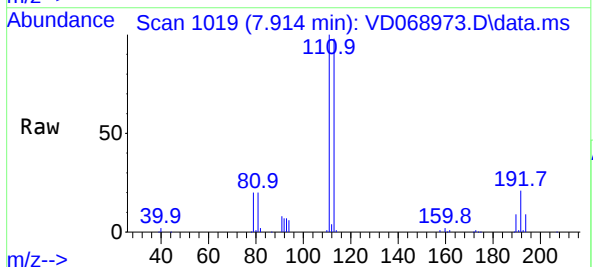
Tgt Ion:114 Resp: 522953
Ion Ratio Lower Upper
114 100
63 16.6 0.0 38.2
88 15.5 0.0 29.4

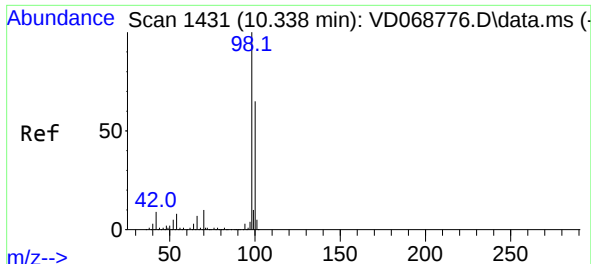


#35

Dibromofluoromethane
Concen: 48.31 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068973.D
Acq: 23 Apr 2021 17:53

Tgt Ion:113 Resp: 164335
Ion Ratio Lower Upper
113 100
111 99.7 82.5 123.7
192 20.1 15.1 22.7

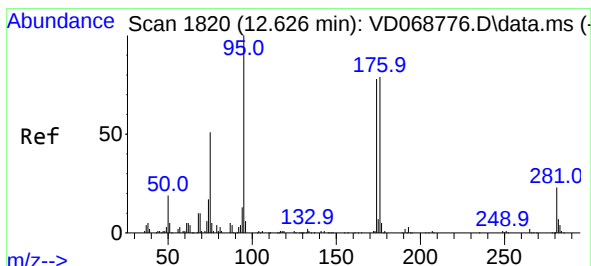
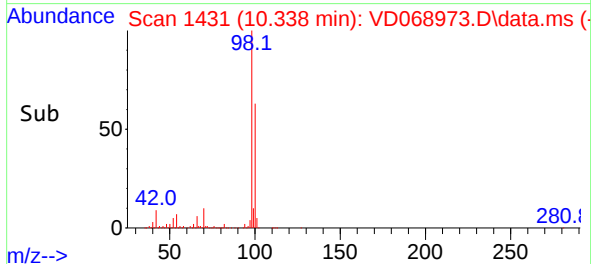
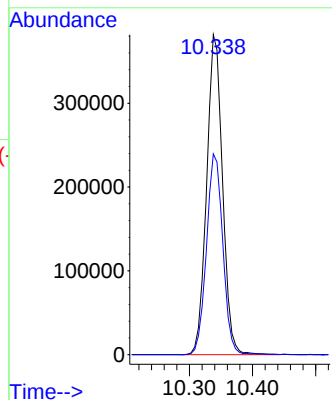
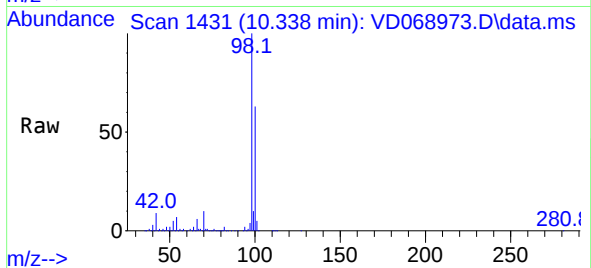




#50
Toluene-d8
Concen: 52.09 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068973.D
Acq: 23 Apr 2021 17:53

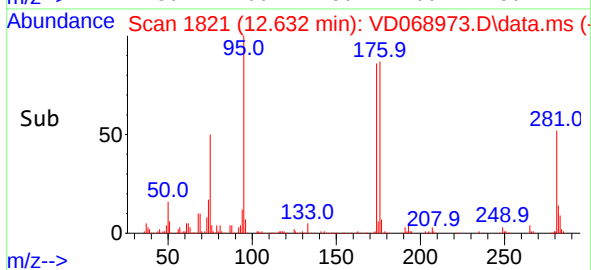
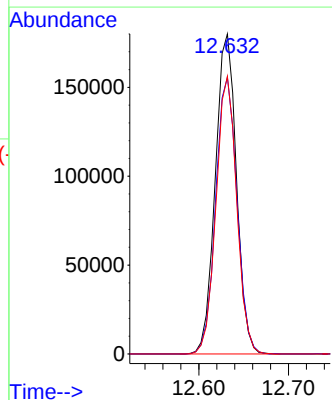
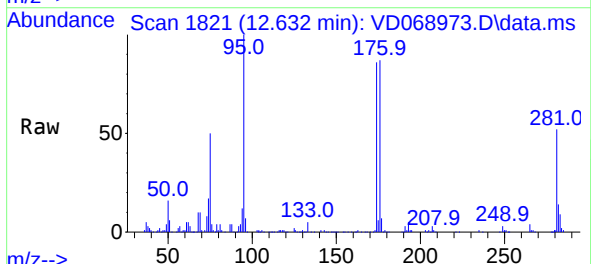
Instrument :
MSVOA_D
ClientSampleId :
TP-3-VOC-TCL

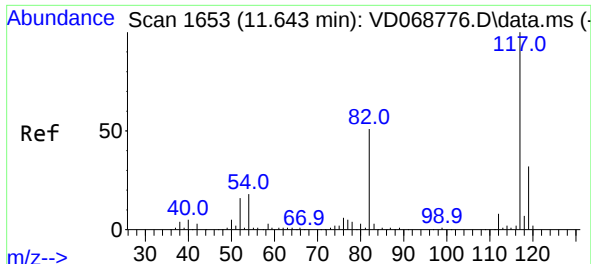
Tgt Ion: 98 Resp: 668469
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 68.98 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068973.D
Acq: 23 Apr 2021 17:53

Tgt Ion: 95 Resp: 293965
Ion Ratio Lower Upper
95 100
174 87.4 0.0 168.0
176 85.0 0.0 160.2

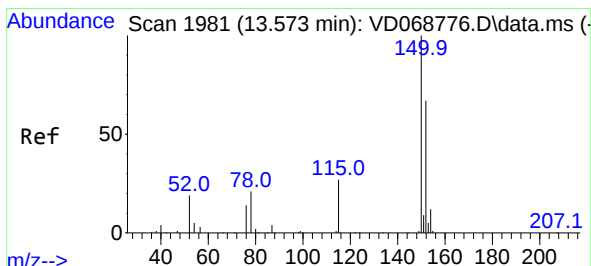
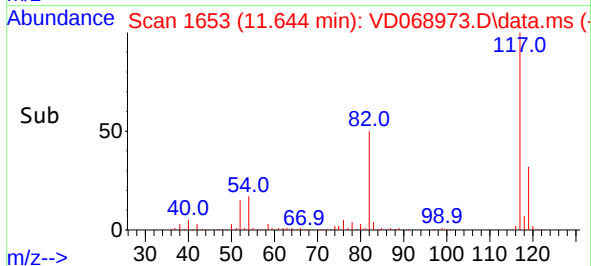
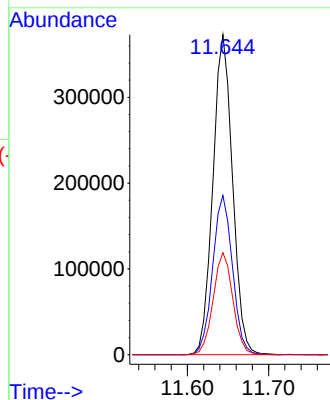
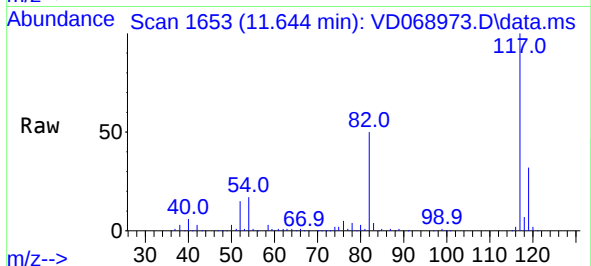




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068973.D
Acq: 23 Apr 2021 17:53

Instrument :
MSVOA_D
ClientSampleId :
TP-3-VOC-TCL

Tgt Ion:117 Resp: 626953
Ion Ratio Lower Upper
117 100
82 49.7 43.5 65.3
119 31.8 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: VD068973.D
Acq: 23 Apr 2021 17:53

Tgt Ion:152 Resp: 335512
Ion Ratio Lower Upper
152 100
115 56.2 29.3 87.8
150 158.0 0.0 347.6

