

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100220\
 Data File : VD067052.D
 Acq On : 03 Oct 2020 00:10
 Operator : VA/SY
 Sample : VD1002SBL02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1002SBL02

Quant Time: Oct 03 05:45:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	380387	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	663774	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	633819	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	277044	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	217674	59.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.82%	
35) Dibromofluoromethane	7.91	113	224811	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
50) Toluene-d8	10.34	98	789528	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
62) 4-Bromofluorobenzene	12.63	95	262634	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	

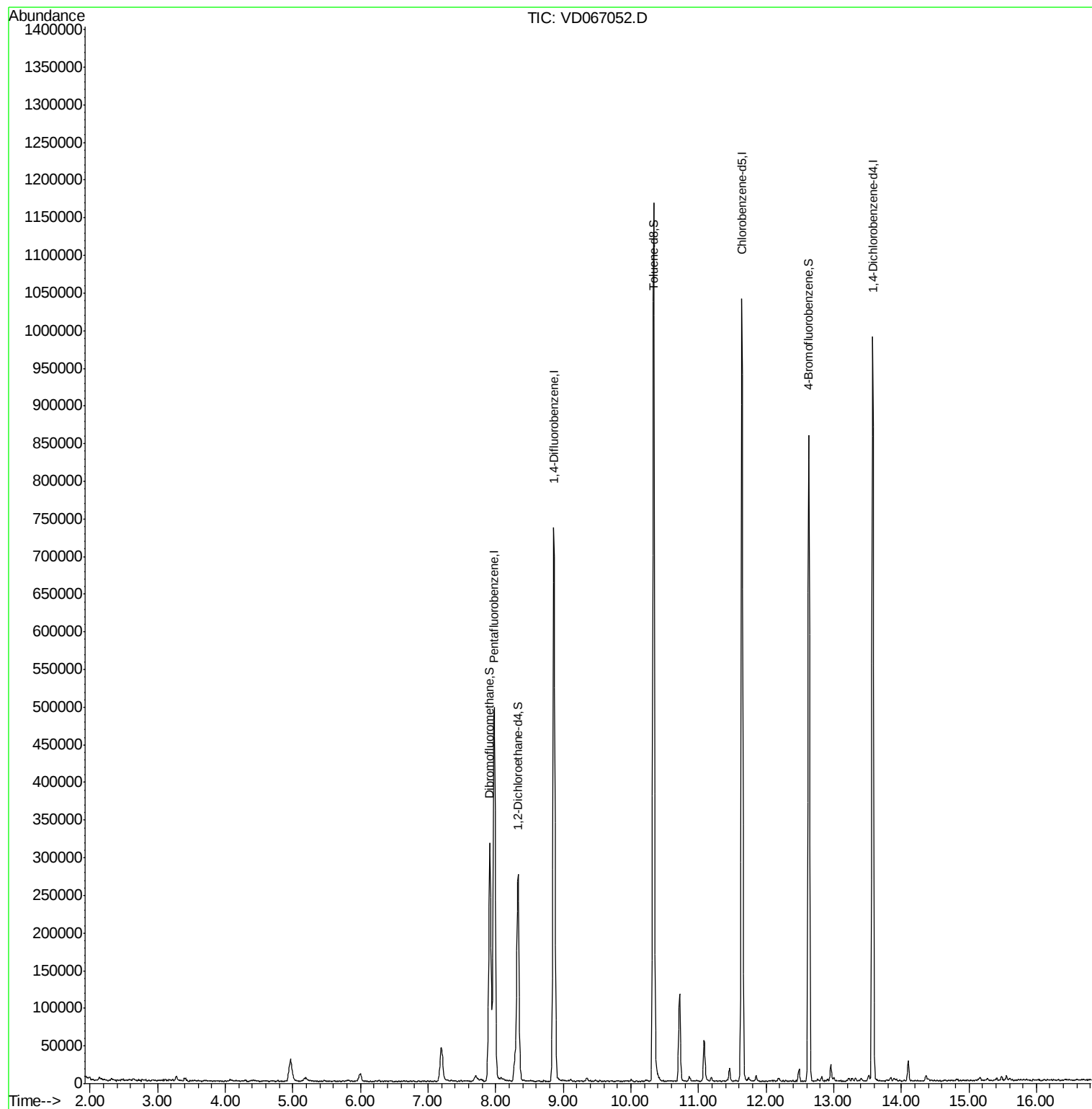
Target Compounds	Qvalue

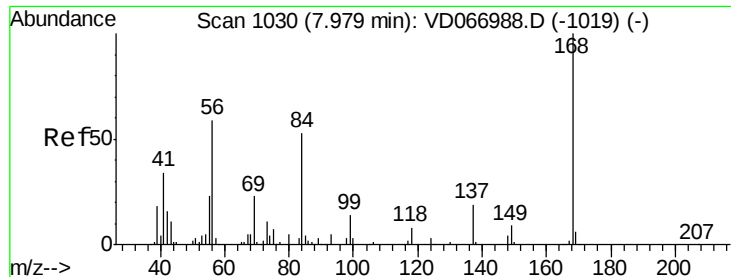
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067052.D

Acq: 03 Oct 2020 00:10

Instrument :

MSVOA_D

ClientSampleId :

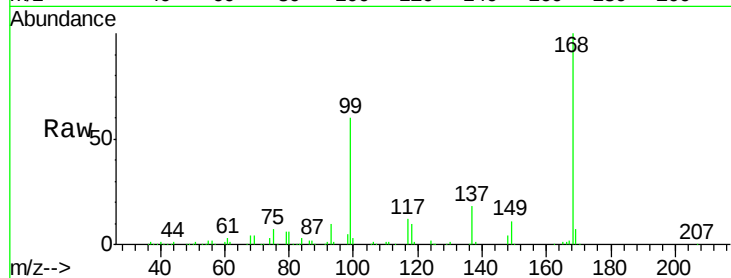
VD1002SBL02

Tot Ion:168 Resp: 380387

Ion Ratio Lower Upper

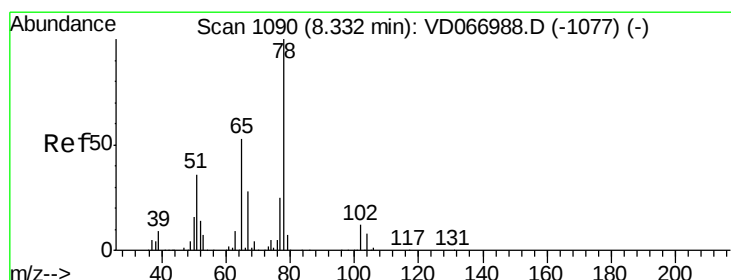
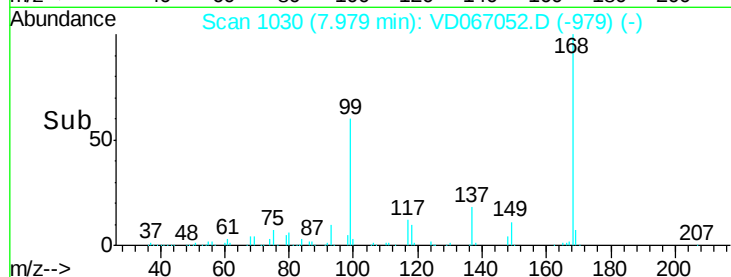
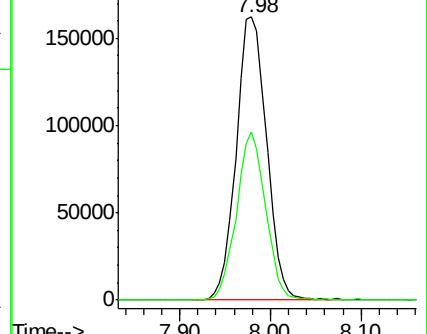
168 100

99 59.4 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 59.411 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067052.D

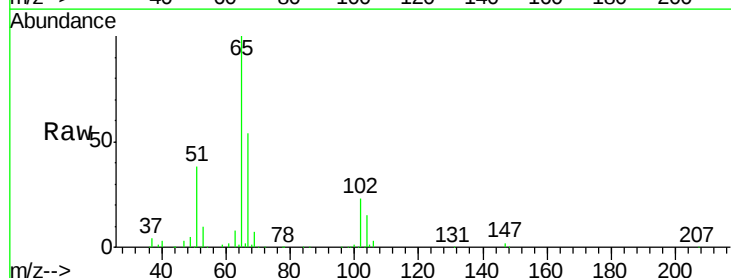
Acq: 03 Oct 2020 00:10

Tgt Ion: 65 Resp: 217674

Ion Ratio Lower Upper

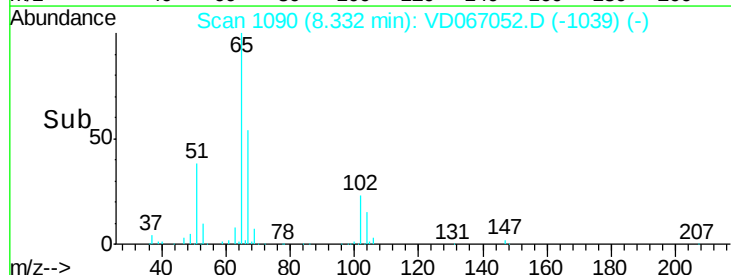
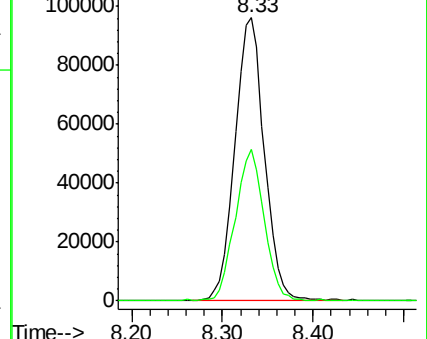
65 100

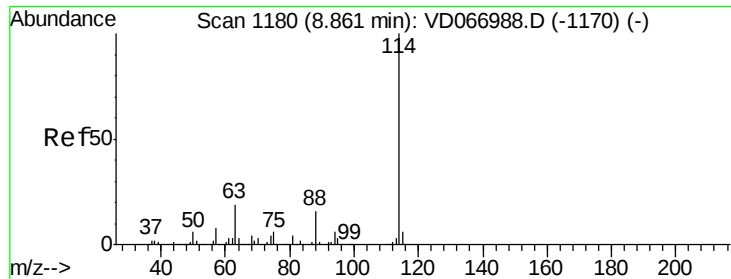
67 52.5 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

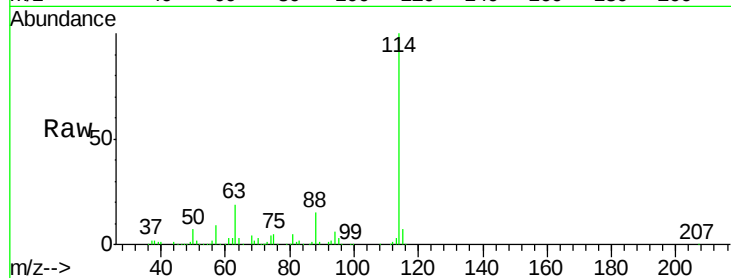




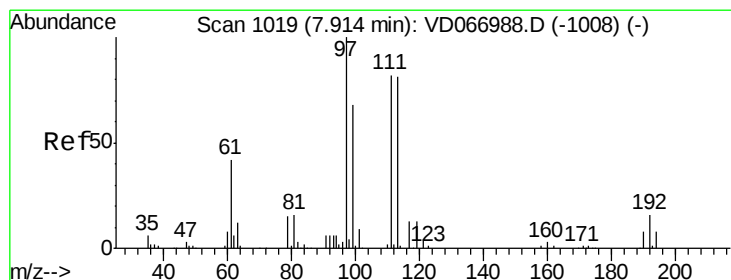
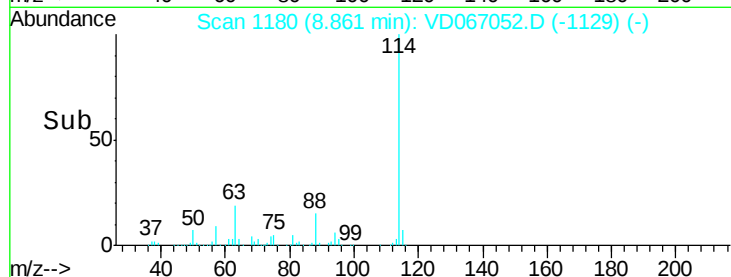
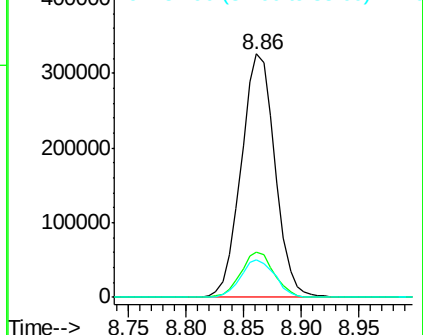
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD067052.D
 Acq: 03 Oct 2020 00:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1002SBL02

Tot Ion:114 Resp: 663774
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 38.4
 88 15.4 0.0 31.2

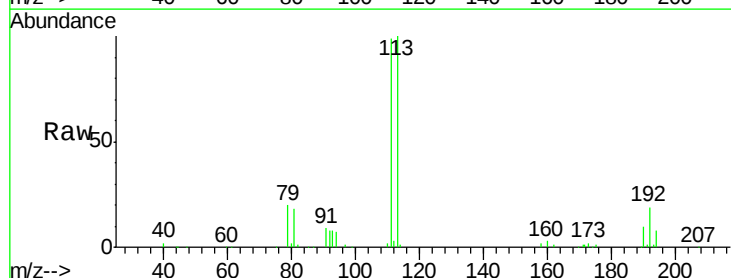


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

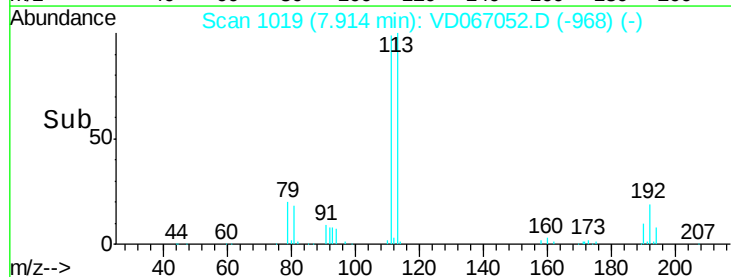
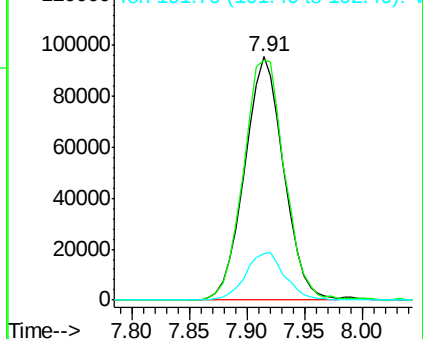


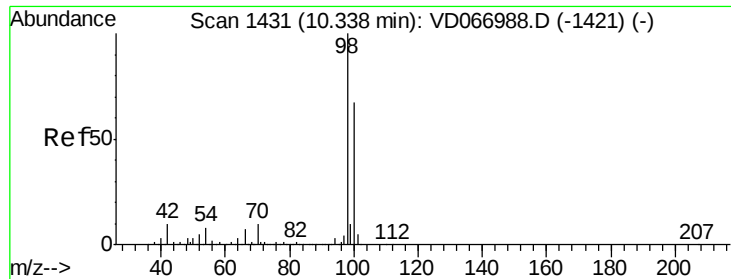
#35
 Dibromofluoromethane
 Concen: 51.733 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067052.D
 Acq: 03 Oct 2020 00:10

Tgt Ion:113 Resp: 224811
 Ion Ratio Lower Upper
 113 100
 111 104.3 83.0 124.4
 192 19.6 15.5 23.3



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

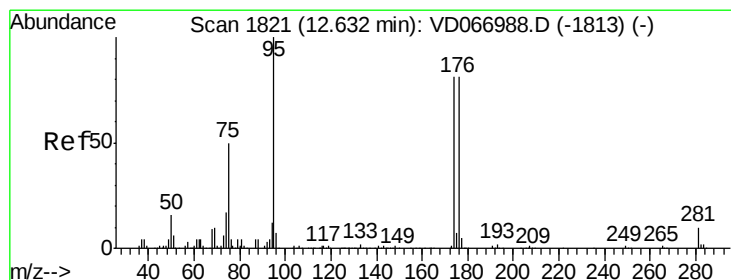
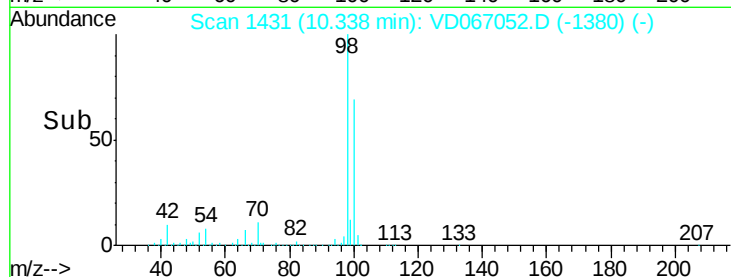
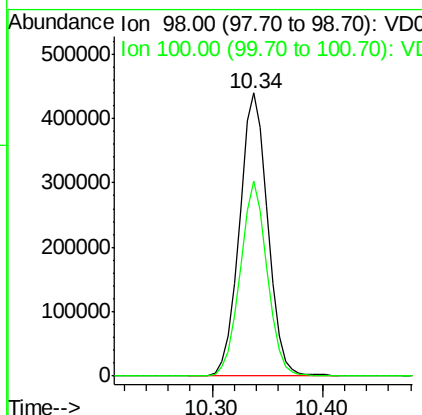
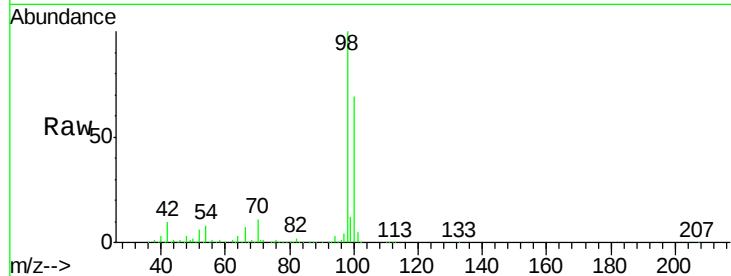




#50
Toluene-d8
Concen: 49.860 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067052.D
Acq: 03 Oct 2020 00:10

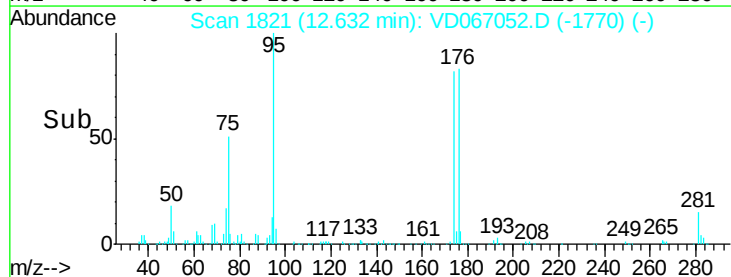
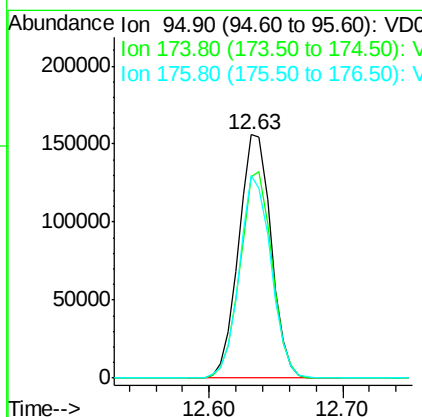
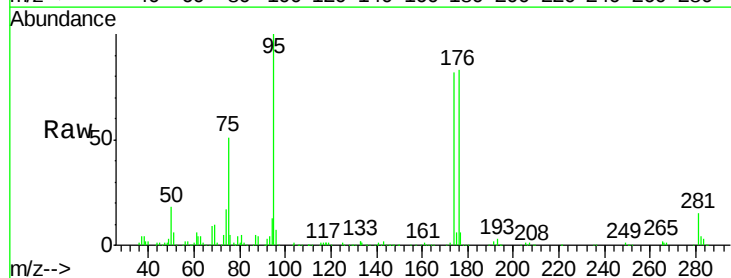
Instrument :
MSVOA_D
ClientSampleId :
VD1002SBL02

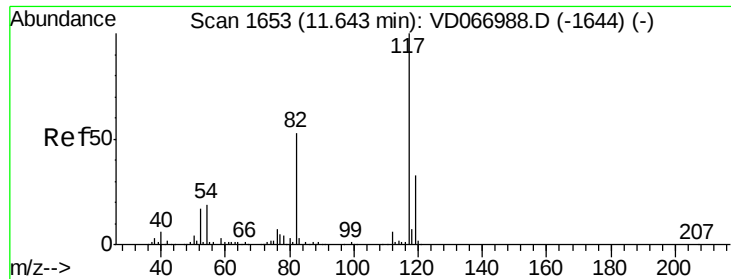
Tot Ion: 98 Resp: 789528
Ion Ratio Lower Upper
98 100
100 66.0 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 48.857 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD067052.D
Acq: 03 Oct 2020 00:10

Tgt Ion: 95 Resp: 262634
Ion Ratio Lower Upper
95 100
174 83.1 0.0 167.6
176 80.8 0.0 162.4

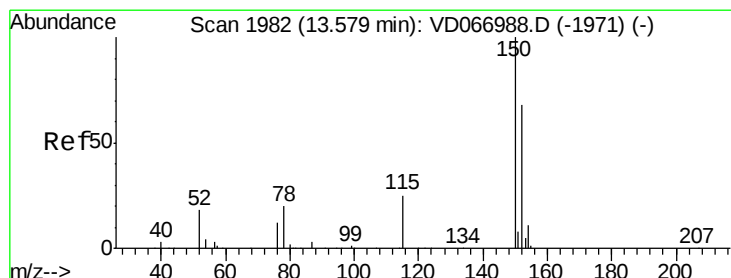
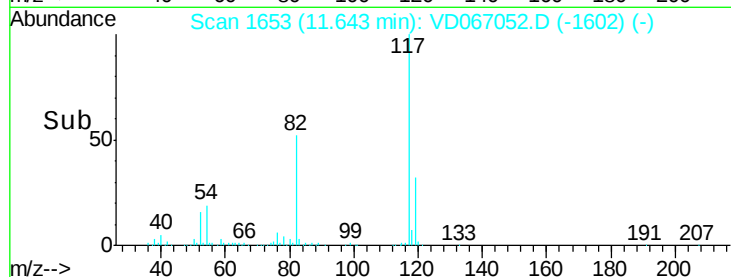
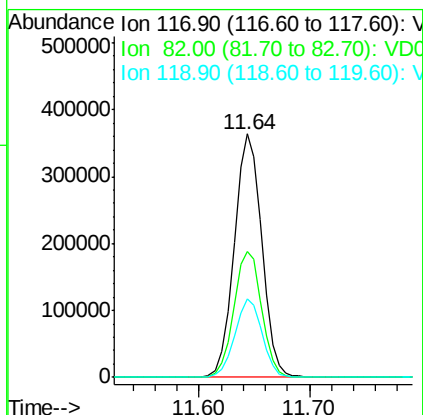
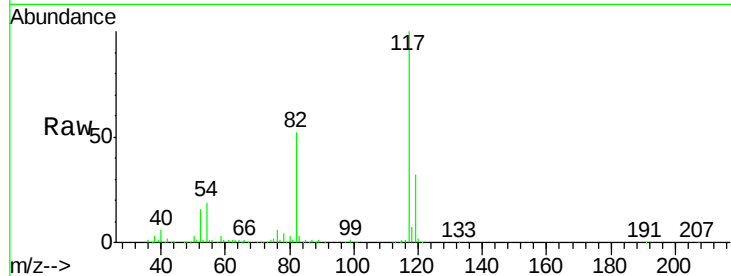




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067052.D
Acq: 03 Oct 2020 00:10

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBL02

Tot Ion:117 Resp: 633819
Ion Ratio Lower Upper
117 100
82 51.8 42.6 63.8
119 32.3 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067052.D
Acq: 03 Oct 2020 00:10

Tgt Ion:152 Resp: 277044
Ion Ratio Lower Upper
152 100
115 57.9 29.6 88.8
150 157.5 0.0 344.8

