

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100220\
 Data File : VD067068.D
 Acq On : 03 Oct 2020 07:29
 Operator : VA/SY
 Sample : L4238-02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

Quant Time: Oct 03 07:59:39 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	553005	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	922351	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	832642	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	382557	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	255334	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
35) Dibromofluoromethane	7.91	113	284059	47.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.08%	
50) Toluene-d8	10.34	98	1079893	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
62) 4-Bromofluorobenzene	12.64	95	354451	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	

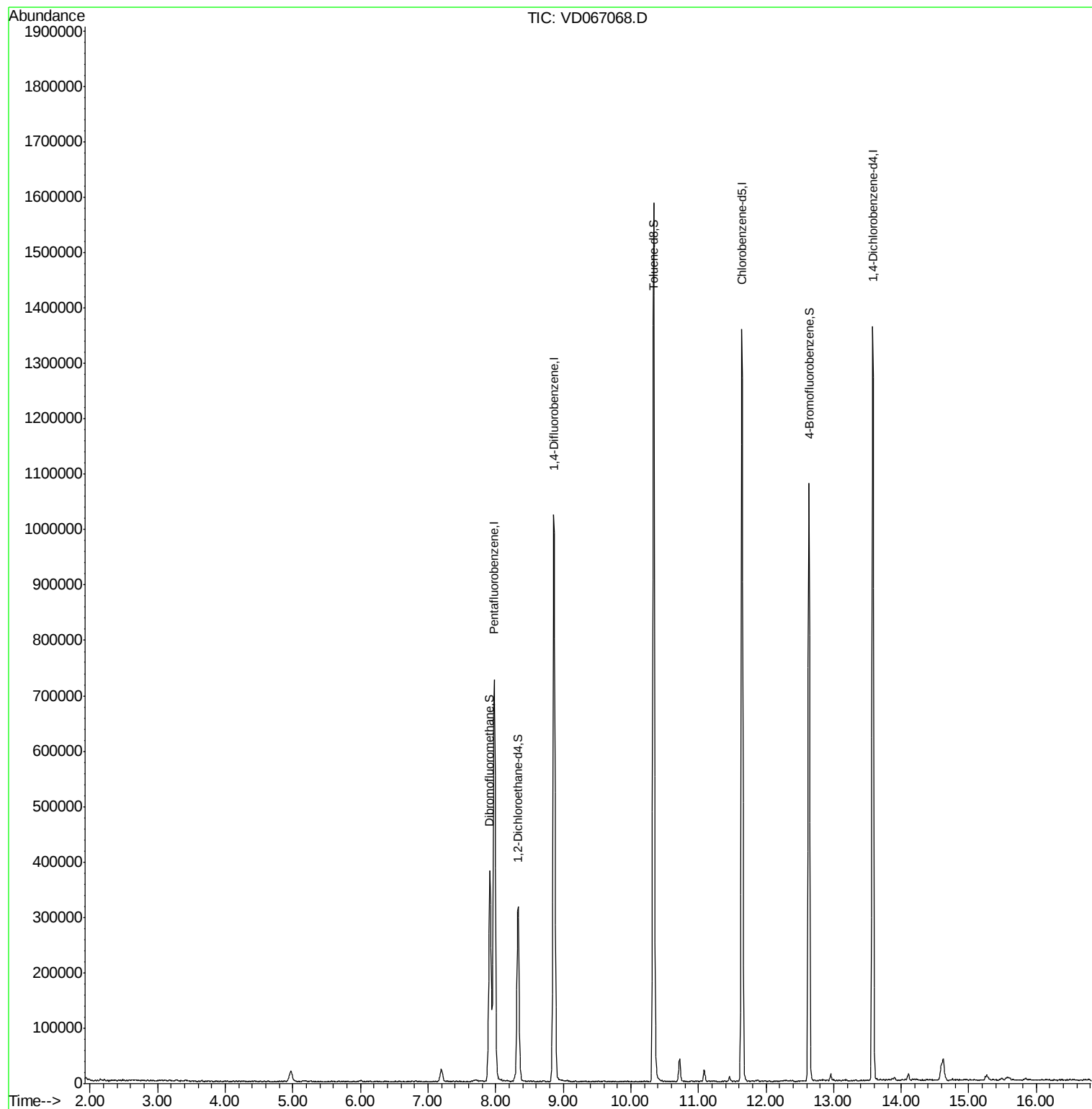
Target Compounds	Qvalue

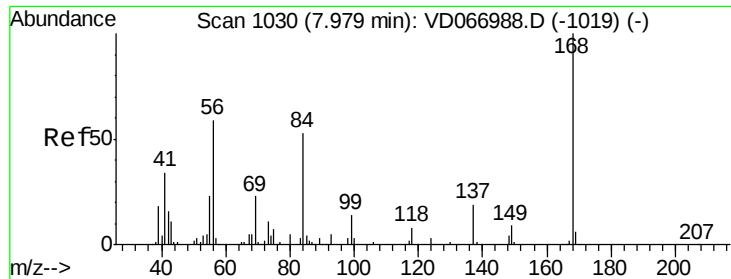
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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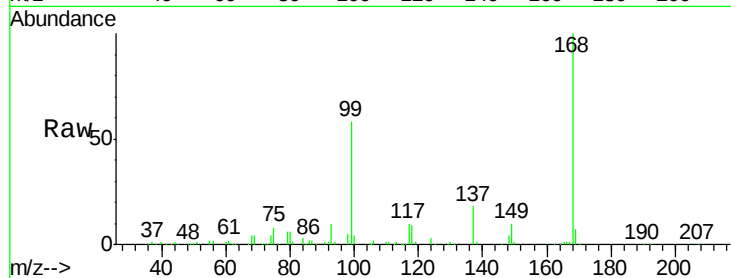




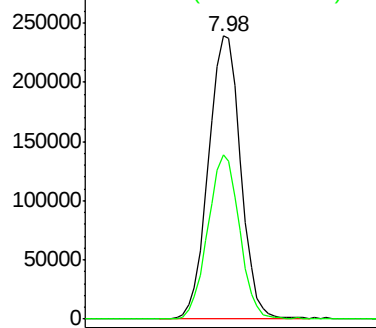
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD067068.D
Acq: 03 Oct 2020 07:29

Instrument :
MSVOA_D
ClientSampleId :
VOC

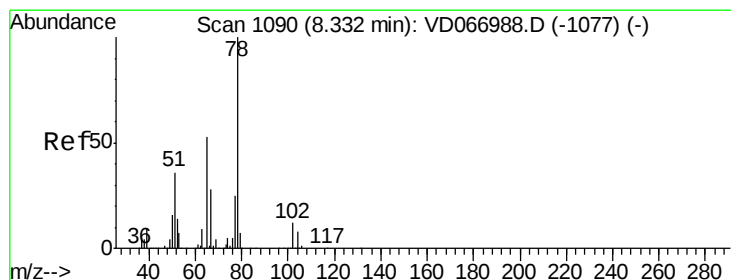
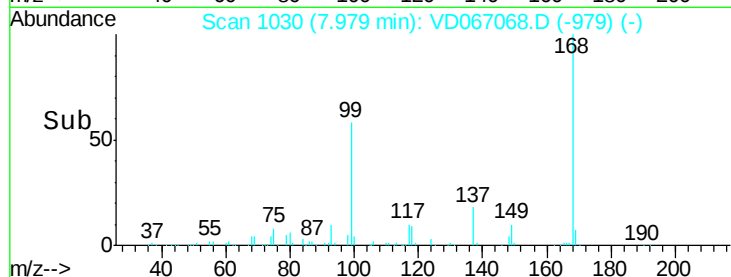
Tot Ion:168 Resp: 553005
Ion Ratio Lower Upper
168 100
99 58.1 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VDC

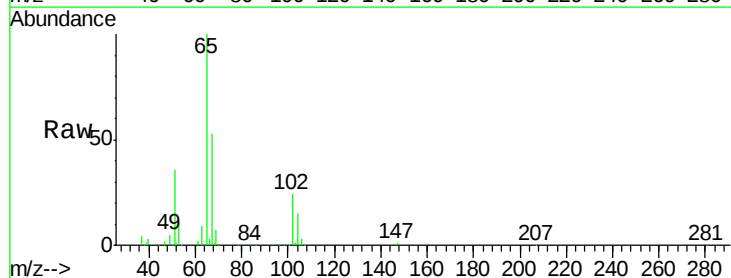


Time-->

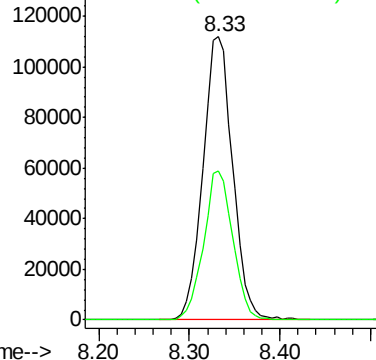


#33
1,2-Dichloroethane-d4
Concen: 47.936 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD067068.D
Acq: 03 Oct 2020 07:29

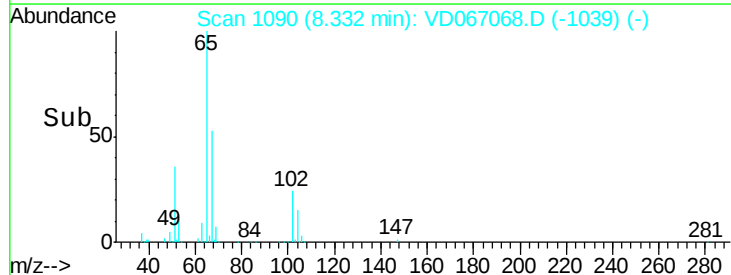
Tgt Ion: 65 Resp: 255334
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.8

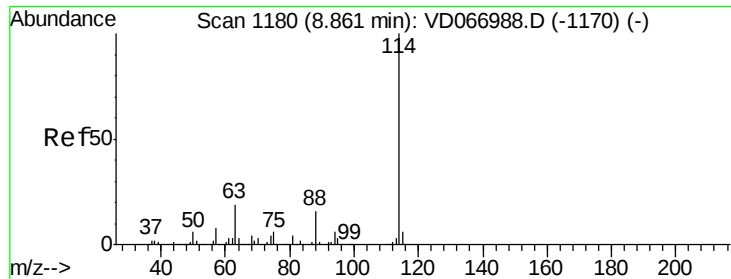


Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC



Time-->

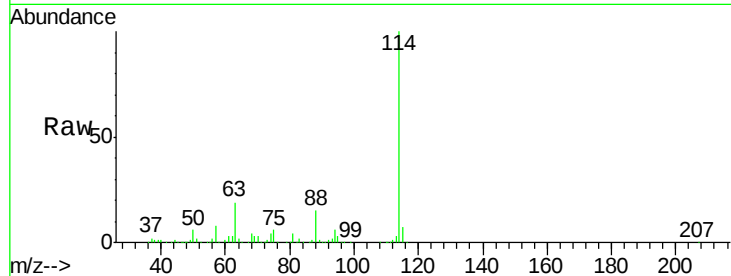




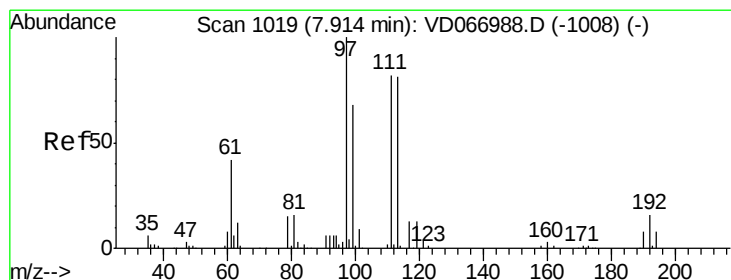
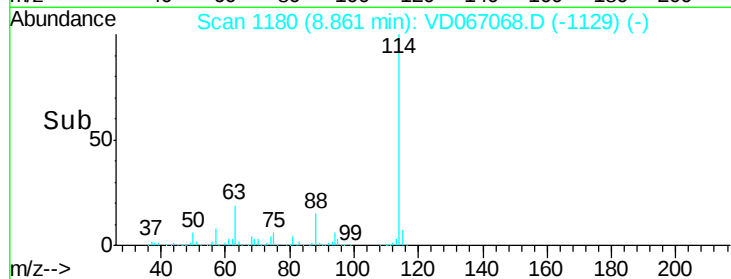
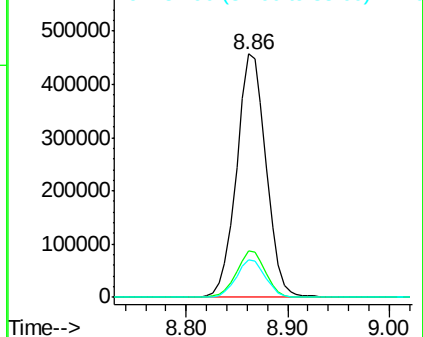
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD067068.D
 Acq: 03 Oct 2020 07:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

Tot Ion:114 Resp: 922351
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.4
 88 15.3 0.0 31.2

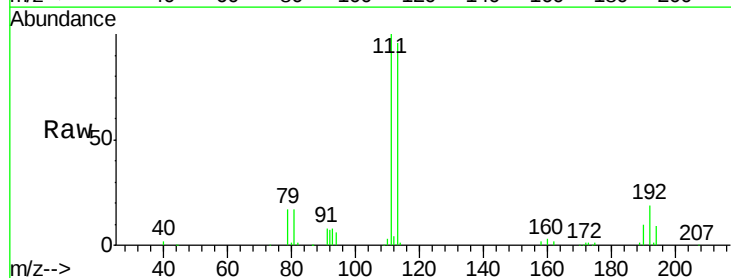


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

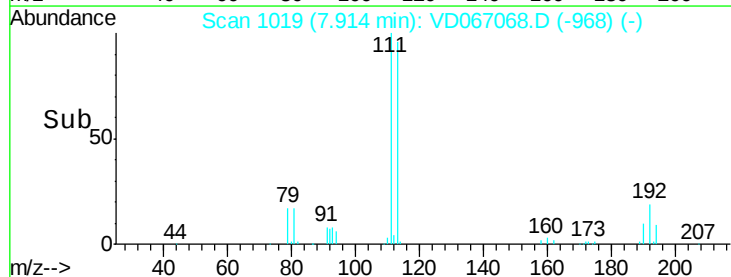
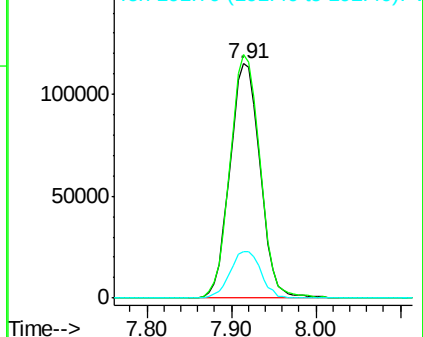


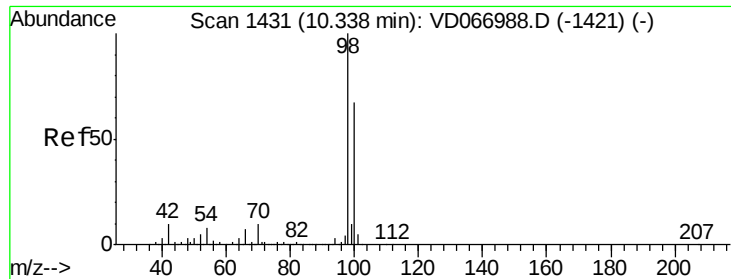
#35
 Dibromofluoromethane
 Concen: 47.042 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067068.D
 Acq: 03 Oct 2020 07:29

Tgt Ion:113 Resp: 284059
 Ion Ratio Lower Upper
 113 100
 111 102.8 83.0 124.4
 192 20.3 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: 49.078 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD067068.D

Acq: 03 Oct 2020 07:29

Instrument :

MSVOA_D

ClientSampleId :

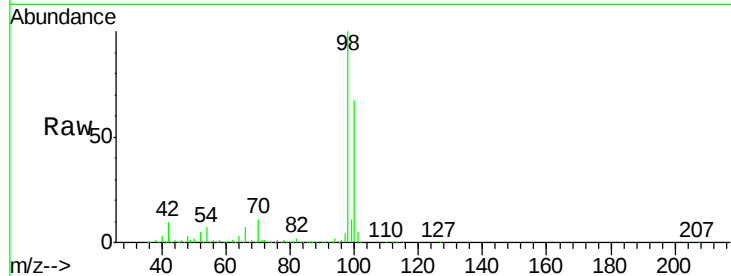
VOC

Tot Ion: 98 Resp: 1079893

Ion Ratio Lower Upper

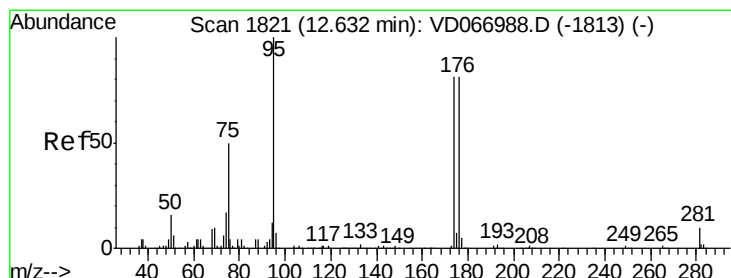
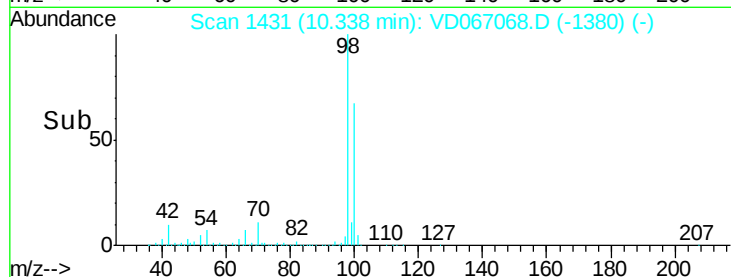
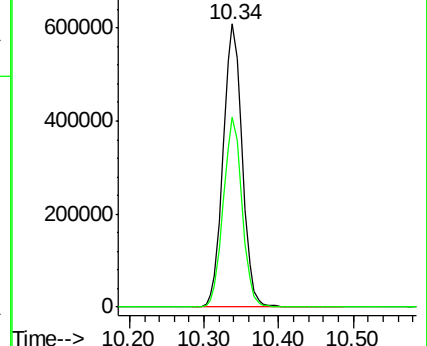
98 100

100 66.1 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 47.452 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD067068.D

Acq: 03 Oct 2020 07:29

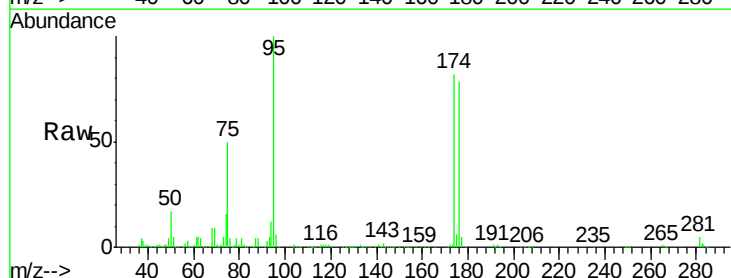
Tgt Ion: 95 Resp: 354451

Ion Ratio Lower Upper

95 100

174 82.4 0.0 167.6

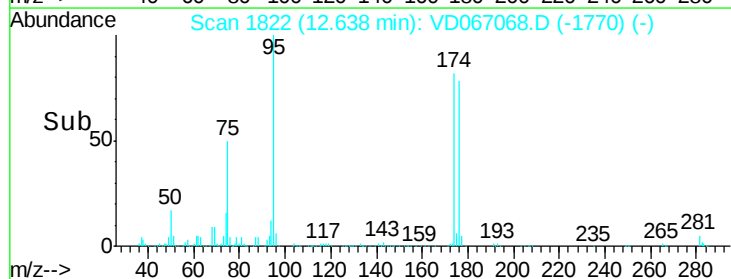
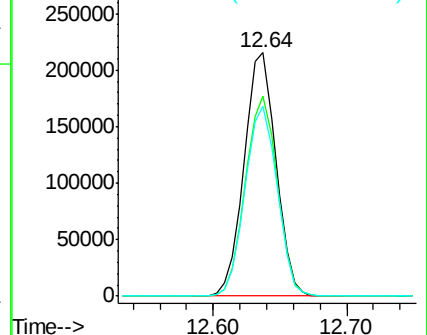
176 79.0 0.0 162.4

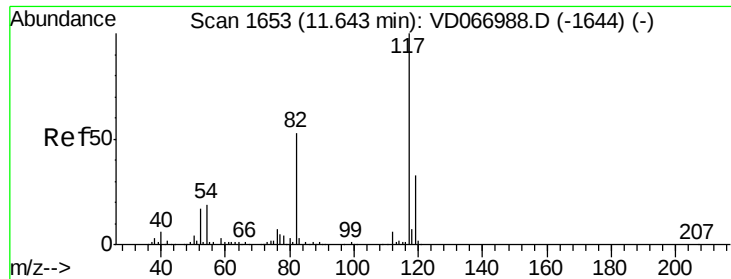


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

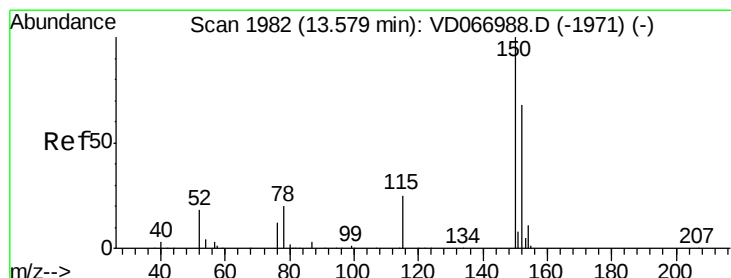
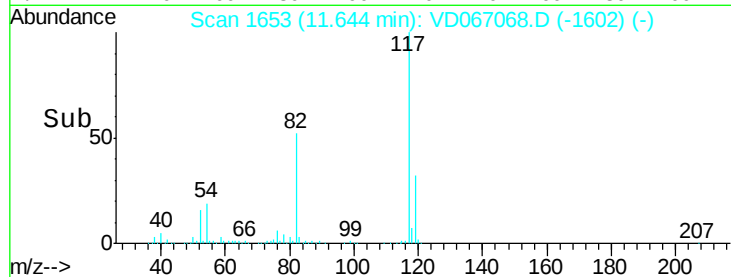
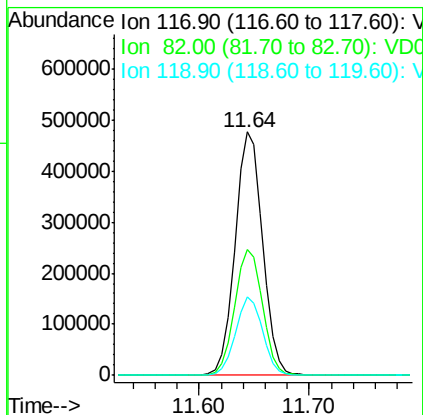
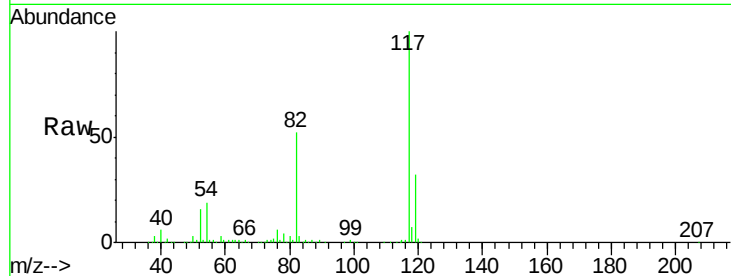




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.64 min Scan# 1653
 Delta R.T. 0.00 min
 Lab File: VD067068.D
 Acq: 03 Oct 2020 07:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

Tot Ion:117 Resp: 832642
 Ion Ratio Lower Upper
 117 100
 82 51.9 42.6 63.8
 119 32.2 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: VD067068.D
 Acq: 03 Oct 2020 07:29

Tgt Ion:152 Resp: 382557
 Ion Ratio Lower Upper
 152 100
 115 58.2 29.6 88.8
 150 156.5 0.0 344.8

