

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092120\
 Data File : VD066784.D
 Acq On : 21 Sep 2020 15:53
 Operator : VA/SY
 Sample : L3869-06
 Misc : 8.13G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-091820

Quant Time: Sep 22 01:16:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	407477	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	725182	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	685958	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	286658	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	236141	54.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.64%	
35) Dibromofluoromethane	7.91	113	235114	52.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.76%	
50) Toluene-d8	10.34	98	859209	54.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.48%	
62) 4-Bromofluorobenzene	12.63	95	290348	53.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.20%	

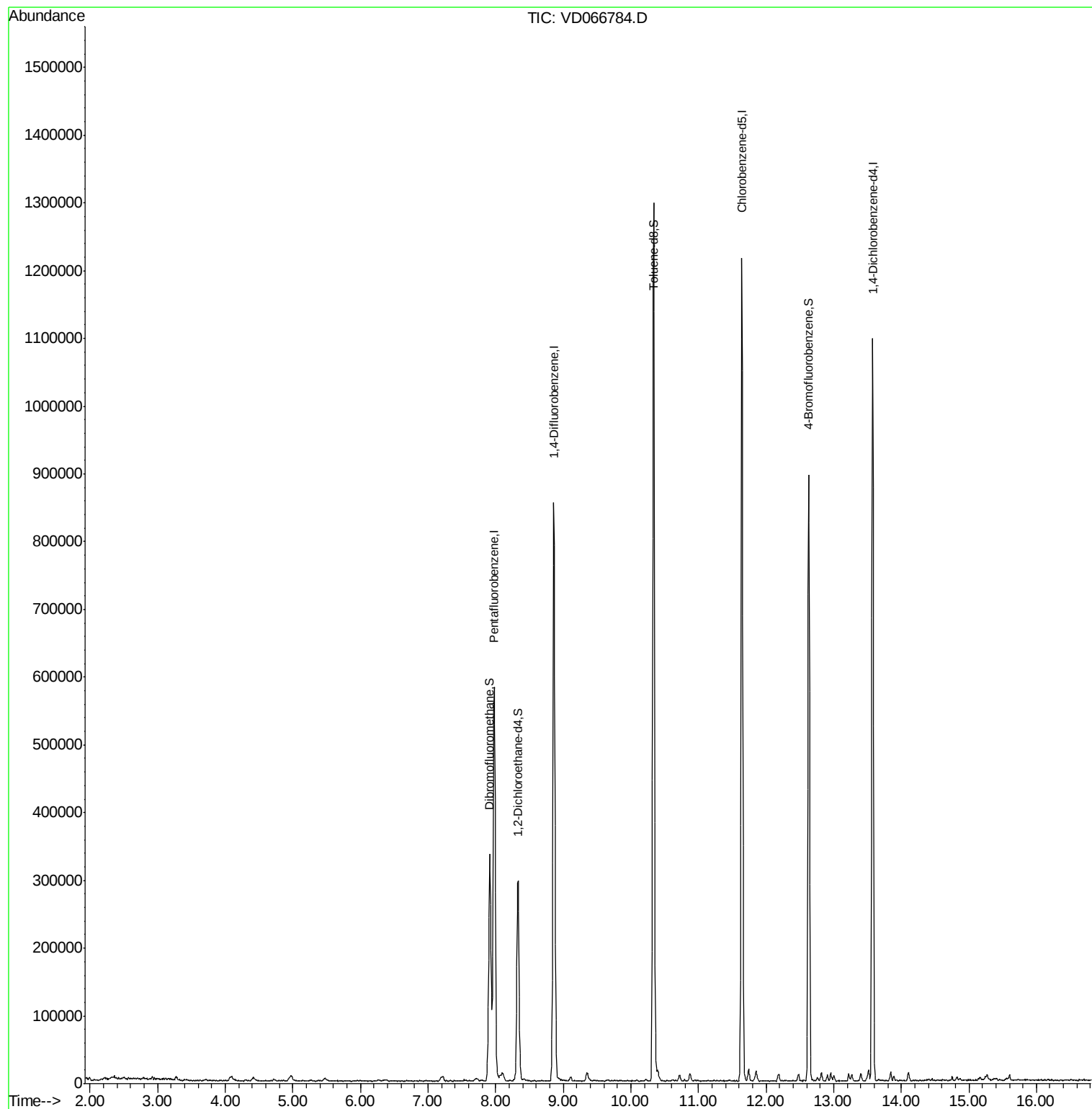
Target Compounds	Qvalue

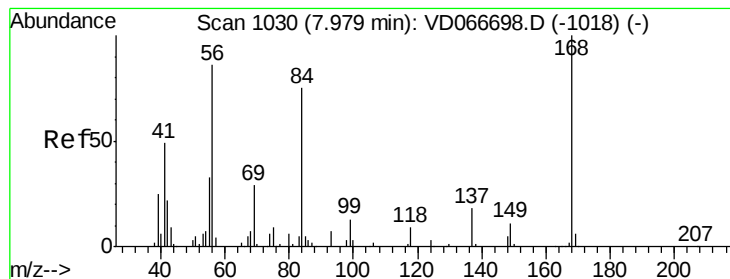
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066784.D

Acq: 21 Sep 2020 15:53

Instrument :

MSVOA_D

ClientSampleId :

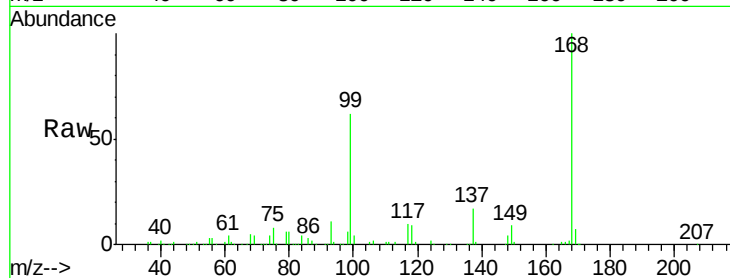
OR-02-091820

Tot Ion:168 Resp: 407477

Ion Ratio Lower Upper

168 100

99 61.7 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

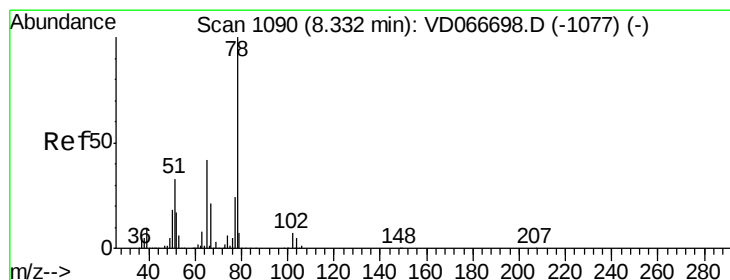
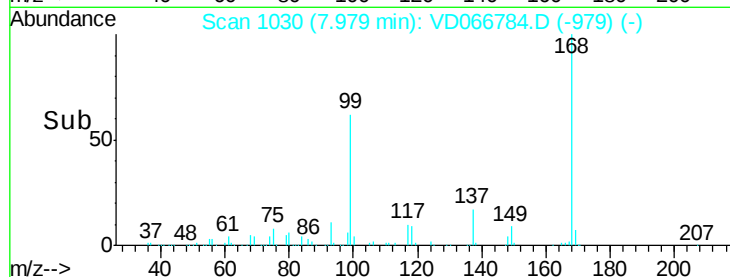
150000

100000

50000

0

Time--> 7.85 7.90 7.95 8.00 8.05



#33

1,2-Dichloroethane-d4

Concen: 54.316 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066784.D

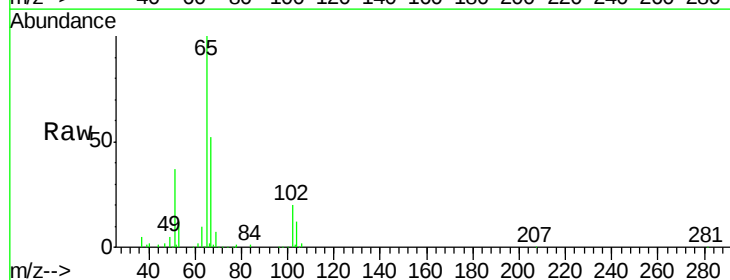
Acq: 21 Sep 2020 15:53

Tgt Ion: 65 Resp: 236141

Ion Ratio Lower Upper

65 100

67 52.8 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

120000

100000

80000

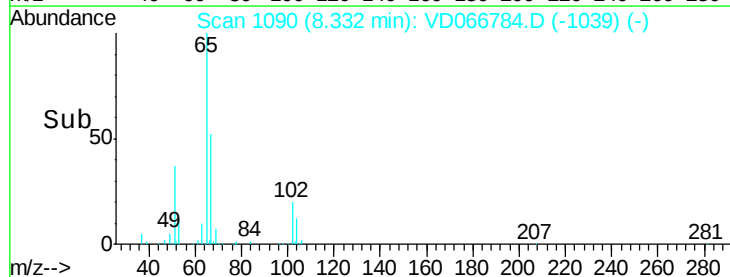
60000

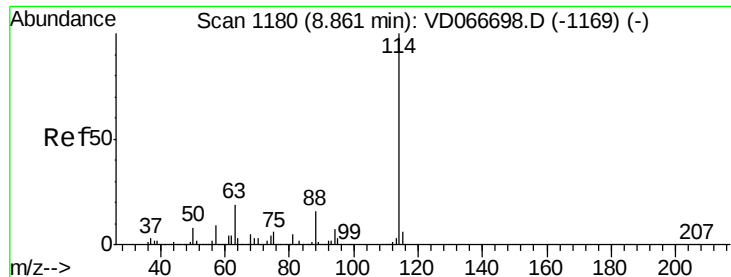
40000

20000

0

Time--> 8.30 8.40

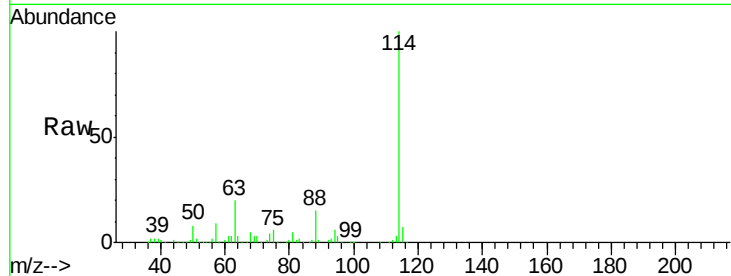




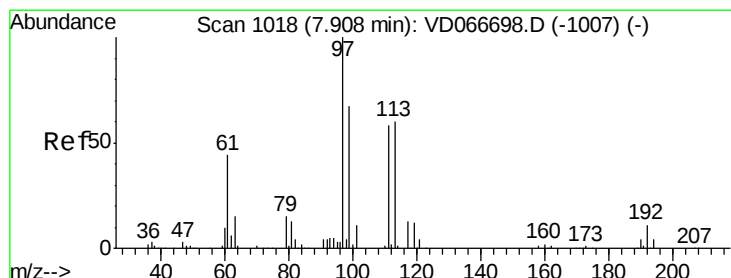
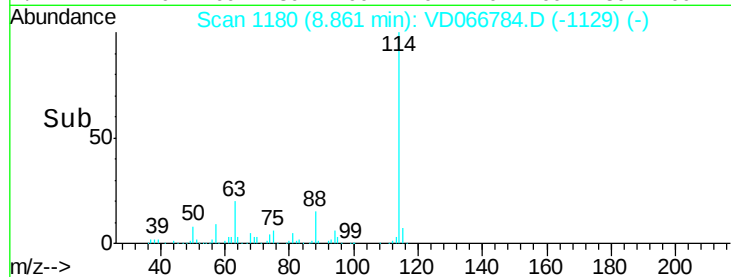
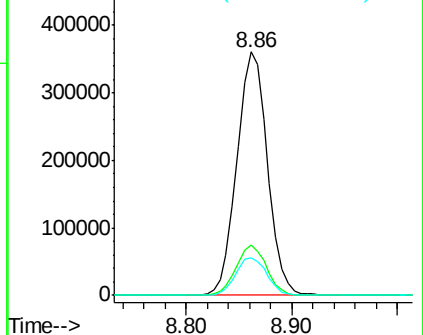
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066784.D
 Acq: 21 Sep 2020 15:53

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-091820

Tot Ion:114	Resp:	725182
Ion Ratio	Lower	Upper
114 100		
63 20.5	0.0	37.6
88 15.3	0.0	32.2

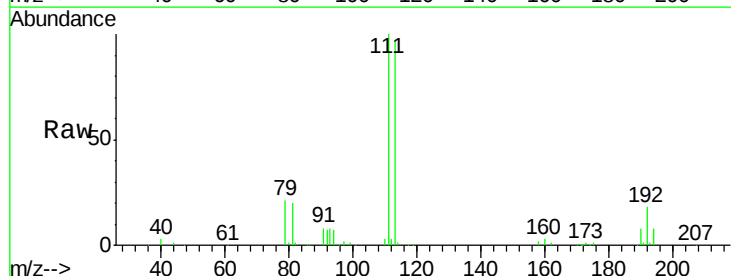


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

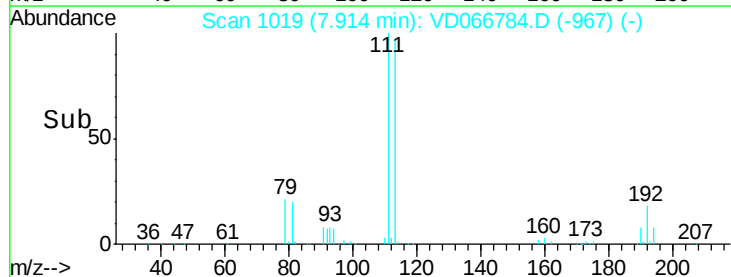
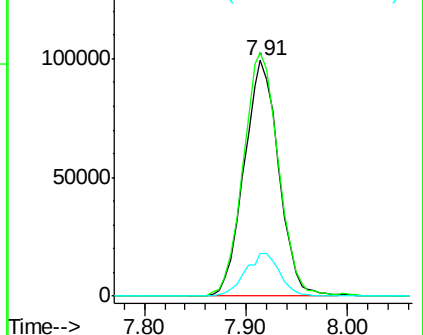


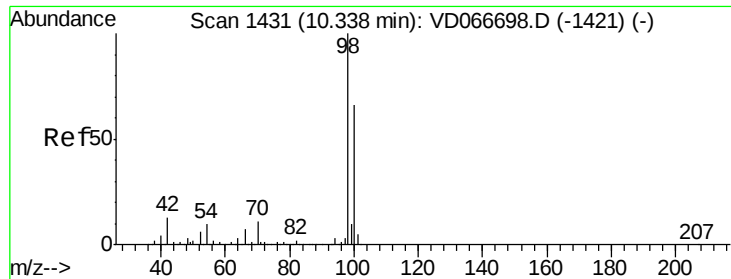
#35
 Dibromofluoromethane
 Concen: 52.881 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066784.D
 Acq: 21 Sep 2020 15:53

Tgt Ion:113	Resp:	235114
Ion Ratio	Lower	Upper
113 100		
111 105.0	83.2	124.8
192 18.0	14.8	22.2



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

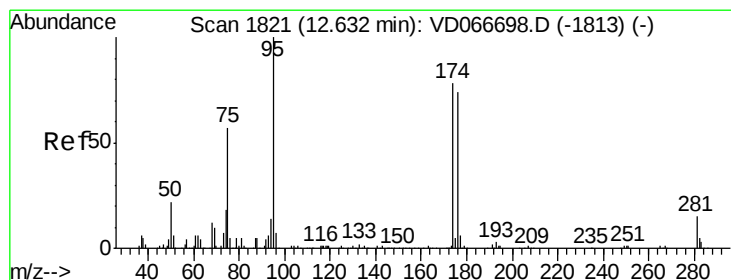
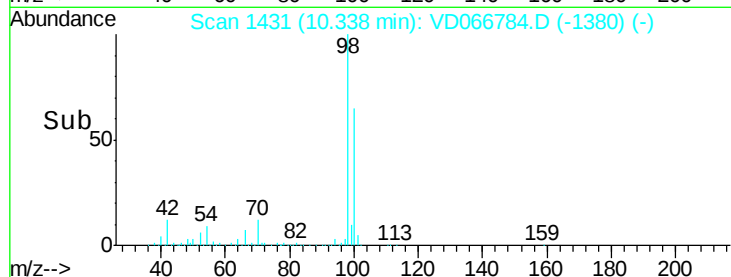
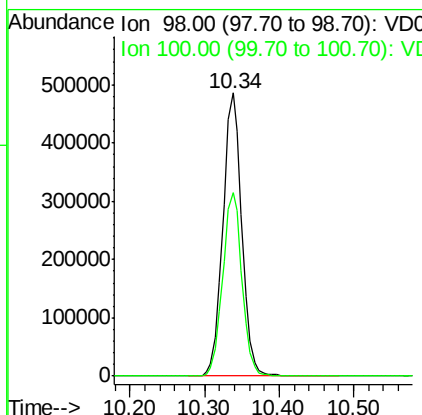
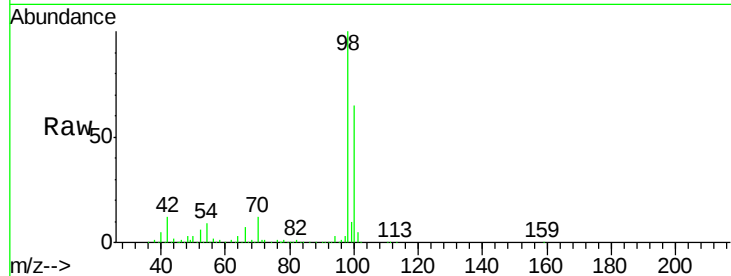




#50
Toluene-d8
Concen: 54.242 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066784.D
Acq: 21 Sep 2020 15:53

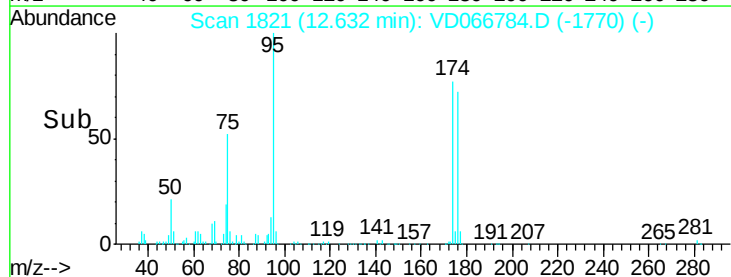
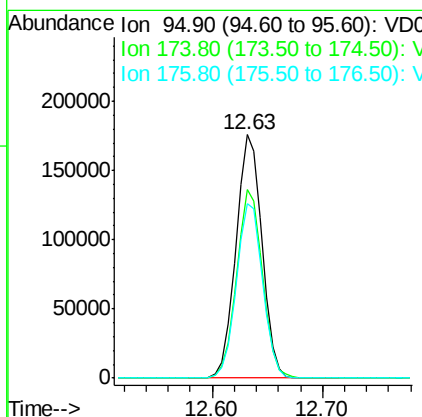
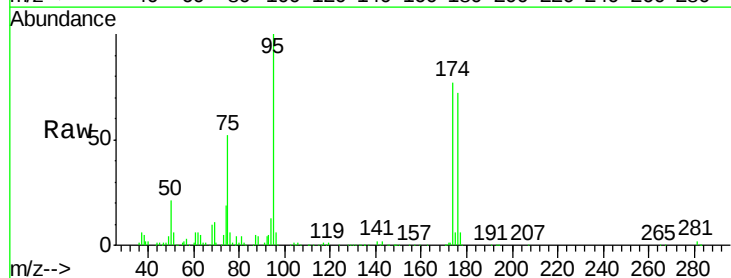
Instrument :
MSVOA_D
ClientSampleID :
OR-02-091820

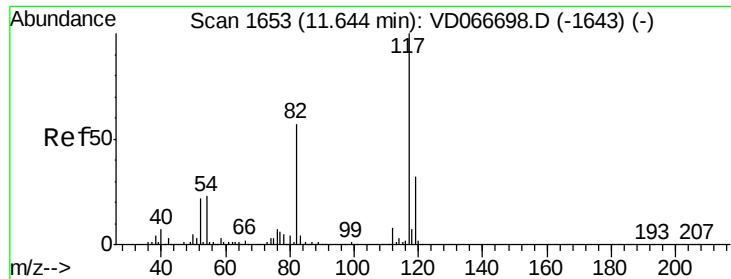
Tot Ion: 98 Resp: 859209
Ion Ratio Lower Upper
98 100
100 66.2 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 53.101 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066784.D
Acq: 21 Sep 2020 15:53

Tgt Ion: 95 Resp: 290348
Ion Ratio Lower Upper
95 100
174 77.2 0.0 156.6
176 72.7 0.0 150.2

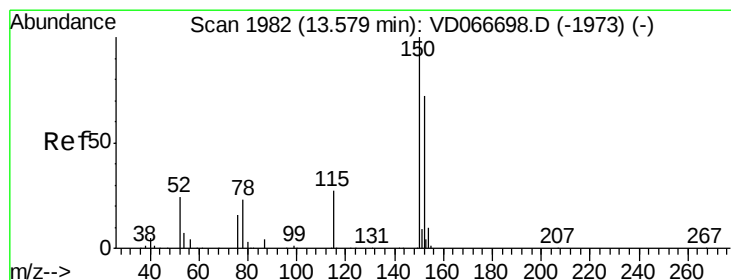
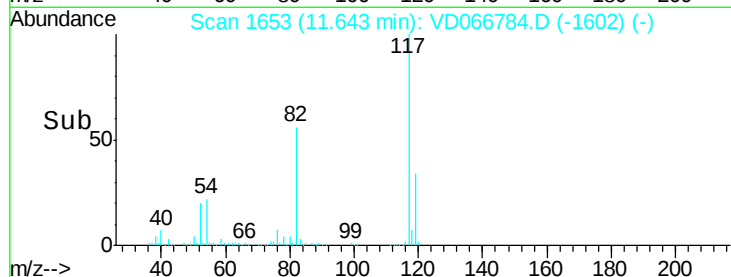
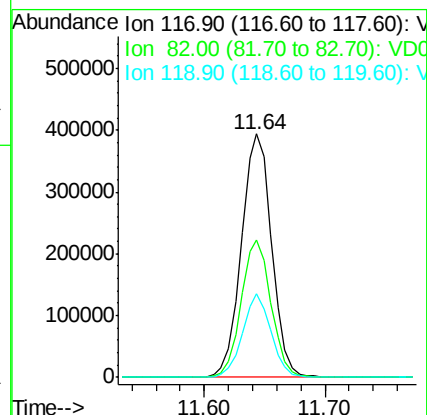
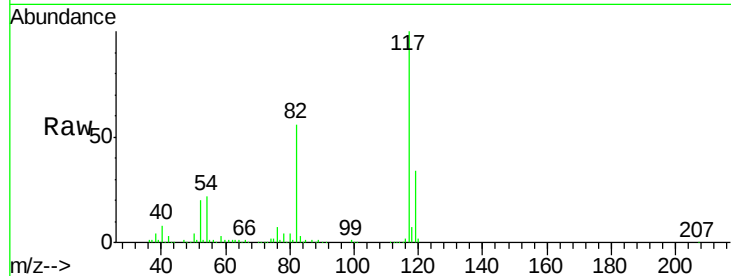




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066784.D
Acq: 21 Sep 2020 15:53

Instrument :
MSVOA_D
ClientSampleId :
OR-02-091820

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.2	45.4	68.0
119	34.2	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066784.D
Acq: 21 Sep 2020 15:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.8	30.5	91.5
150	154.9	0.0	344.6

