

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081418\
 Data File : VN050596.D
 Acq On : 14 Aug 2018 12:43
 Operator : MD\SY
 Sample : J4426-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE BLANK-SOILREF-6

Quant Time: Aug 15 08:39:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	650548	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1011208	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	859291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	319885	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	433342	52.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.70%	
35) Dibromofluoromethane	7.59	113	405702	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.50%	
50) Toluene-d8	10.09	98	1415842	46.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.20%	
62) 4-Bromofluorobenzene	12.40	95	385062	38.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.72%	

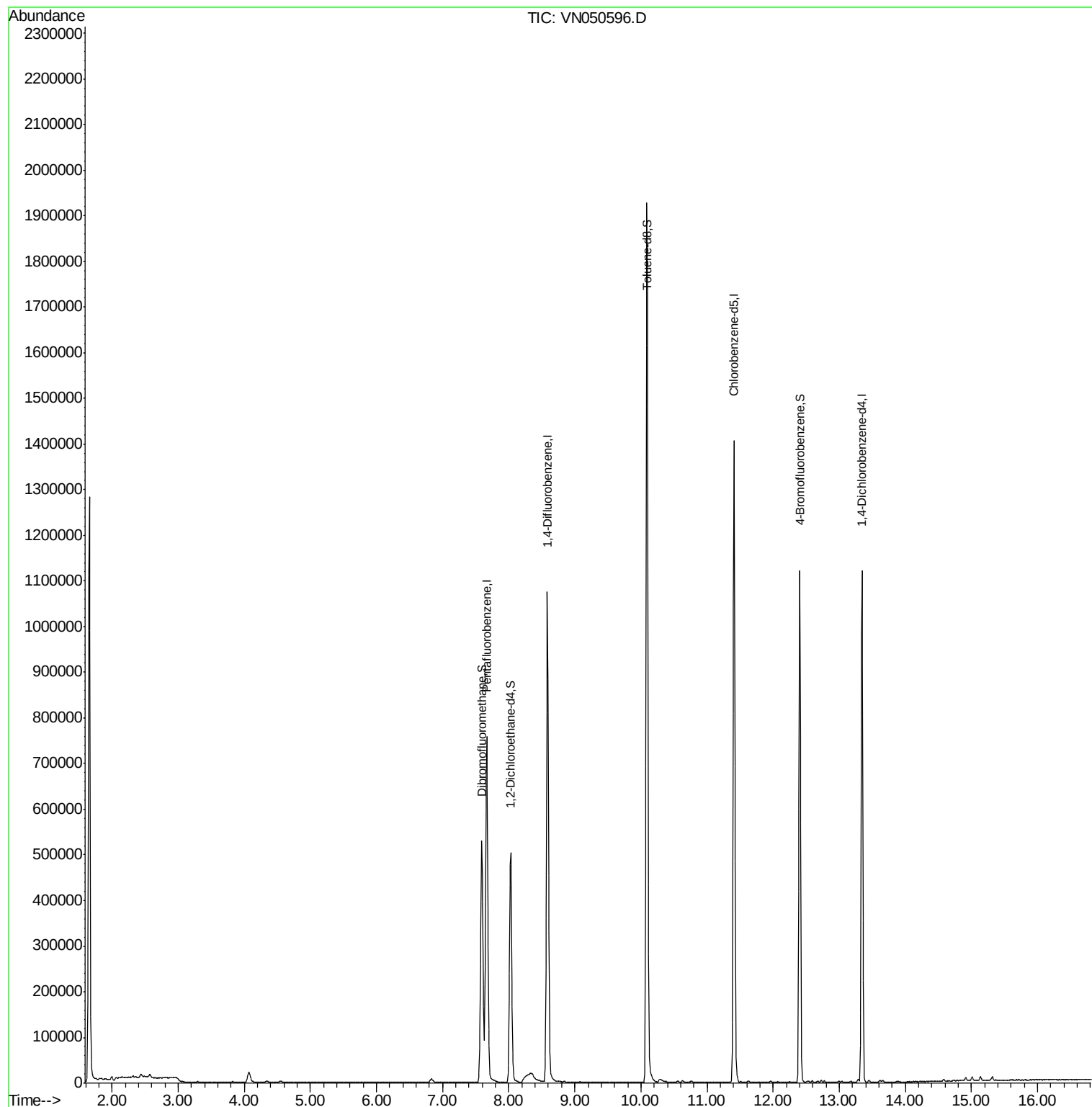
Target Compounds	Qvalue
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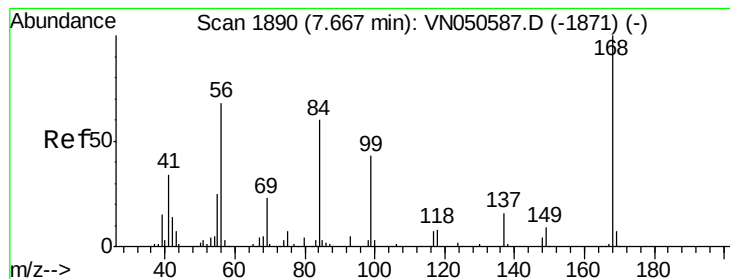
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050596.D

Acq: 14 Aug 2018 12:43

Instrument :

MSVOA_N

ClientSampleId :

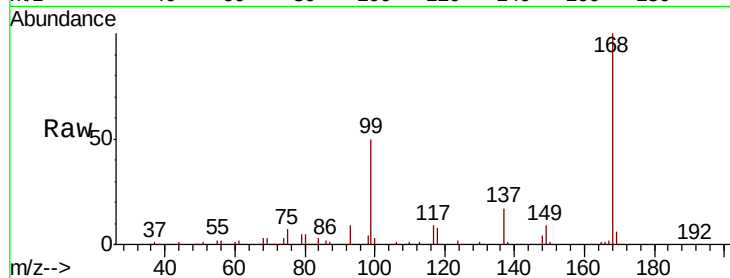
STORAGEBLANK-SOILREF-6

Tot Ion:168 Resp: 650548

Ion Ratio Lower Upper

168 100

99 50.0 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): VN050587.D (-1871) (-)

Ion 98.90 (98.60 to 99.60): VN050587.D (-1871) (-)

7.67

300000

250000

200000

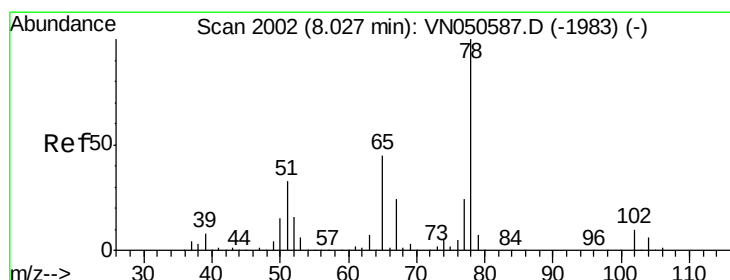
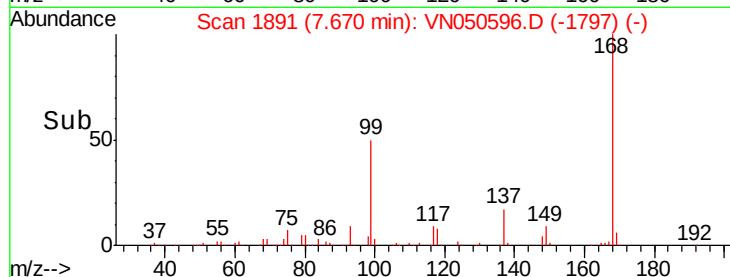
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.85 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. -0.00 min

Lab File: VN050596.D

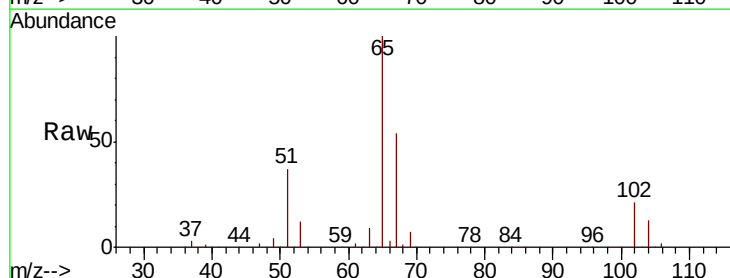
Acq: 14 Aug 2018 12:43

Tgt Ion: 65 Resp: 433342

Ion Ratio Lower Upper

65 100

67 53.8 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN050587.D (-1983) (-)

Ion 66.90 (66.60 to 67.60): VN050587.D (-1983) (-)

8.03

200000

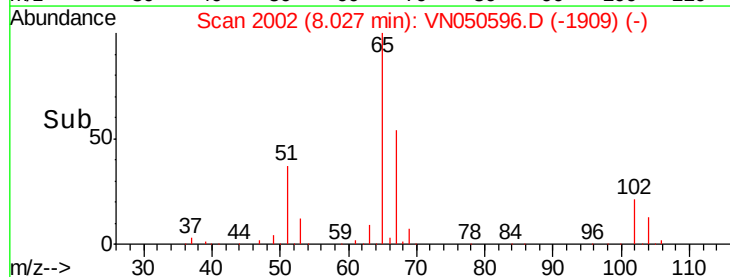
150000

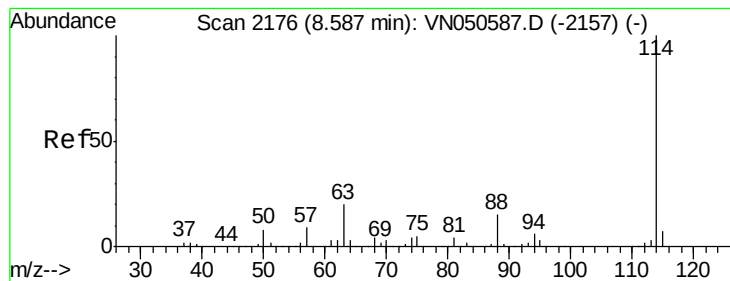
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN050596.D

Acq: 14 Aug 2018 12:43

Instrument :

MSVOA_N

ClientSampleId :

STORAGEBLANK-SOILREF-6

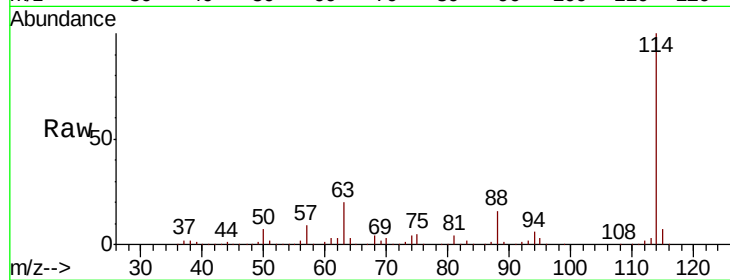
Tot Ion:114 Resp: 1011208

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.0

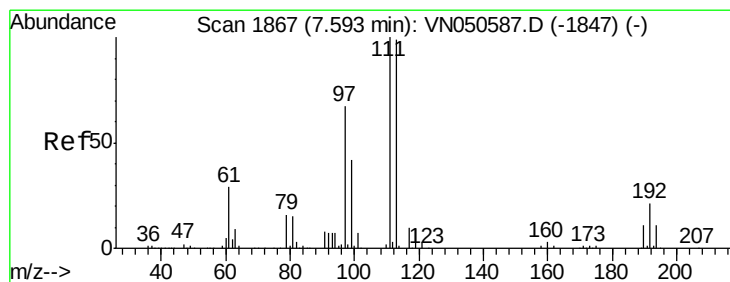
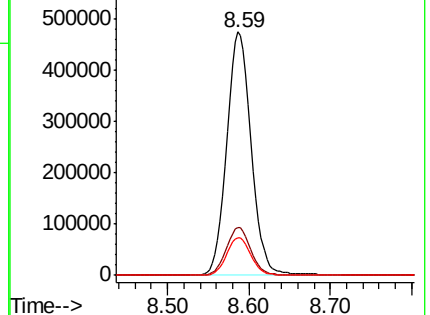
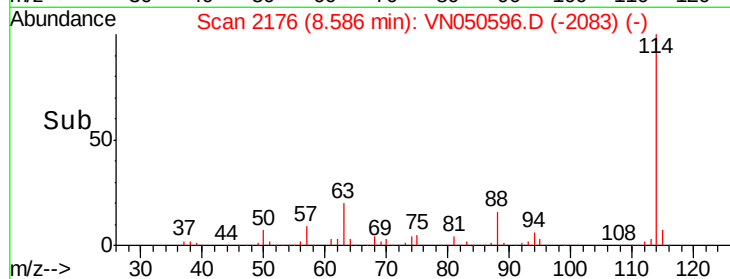
88 15.5 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.25 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VN050596.D

Acq: 14 Aug 2018 12:43

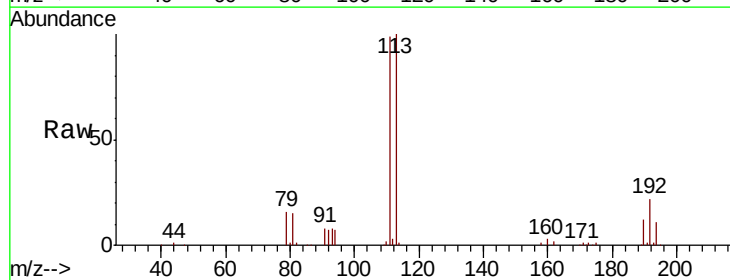
Tgt Ion:113 Resp: 405702

Ion Ratio Lower Upper

113 100

111 101.9 81.0 121.6

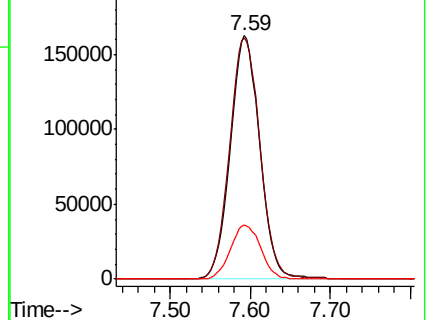
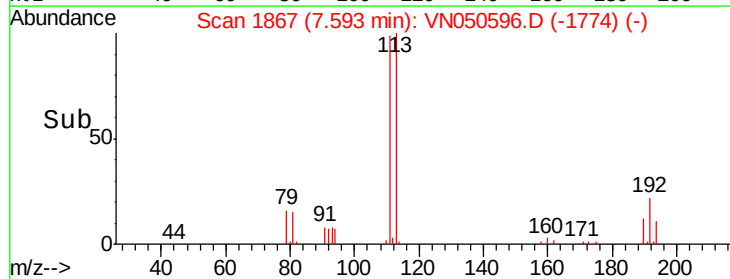
192 22.7 17.6 26.4

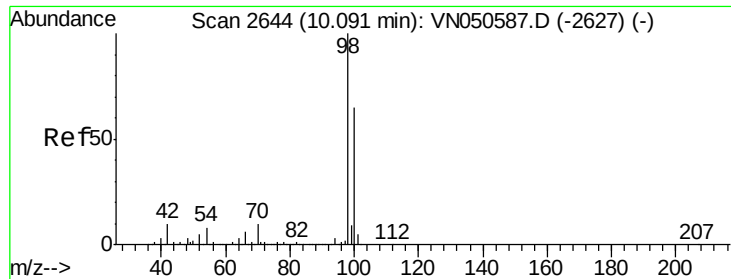


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

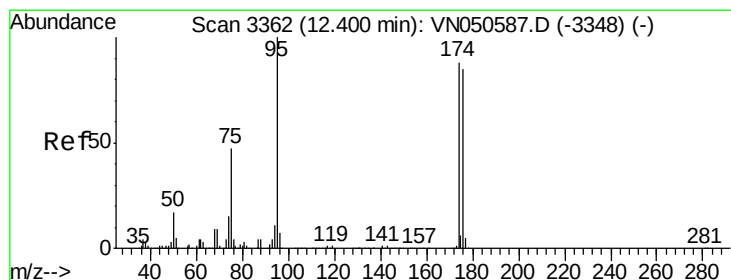
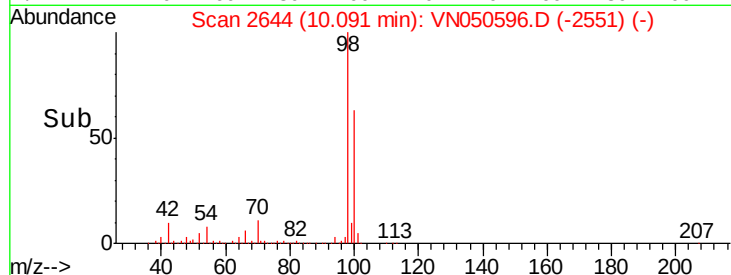
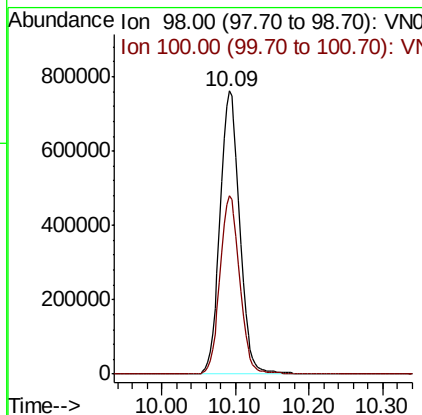
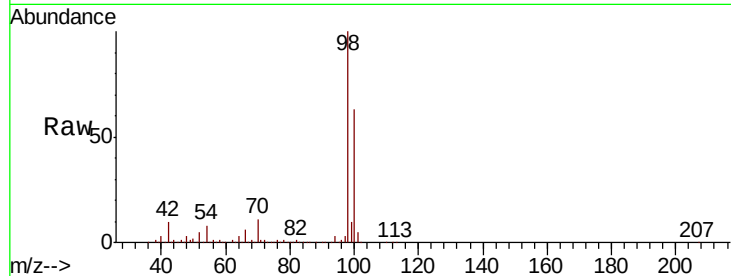




#50
Toluene-d8
Concen: 46.60 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050596.D
Acq: 14 Aug 2018 12:43

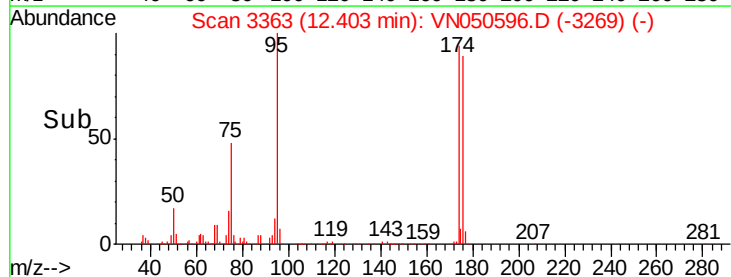
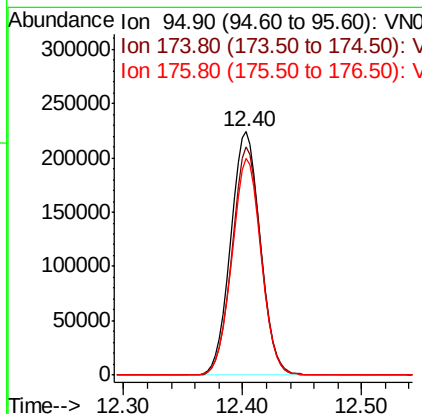
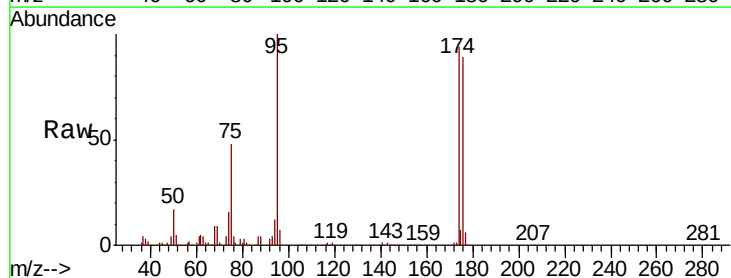
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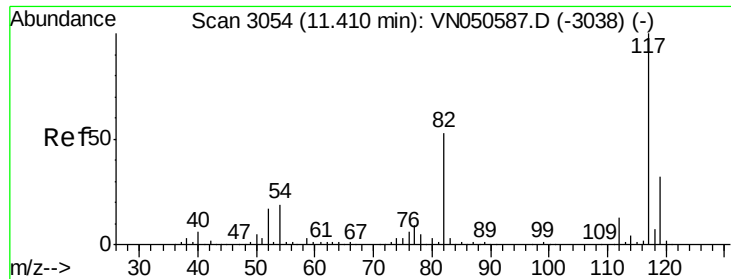
Tot Ion: 98 Resp: 1415842
Ion Ratio Lower Upper
98 100
100 62.9 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 38.36 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050596.D
Acq: 14 Aug 2018 12:43

Tgt Ion: 95 Resp: 385062
Ion Ratio Lower Upper
95 100
174 92.3 0.0 177.8
176 87.9 0.0 175.0

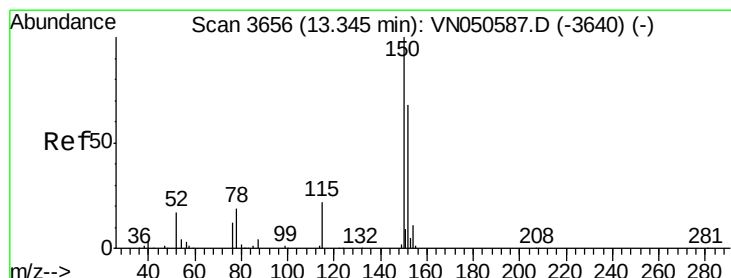
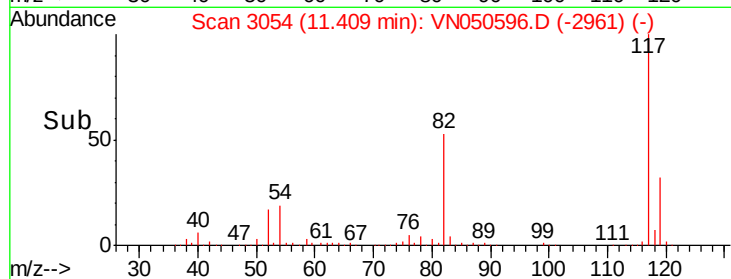
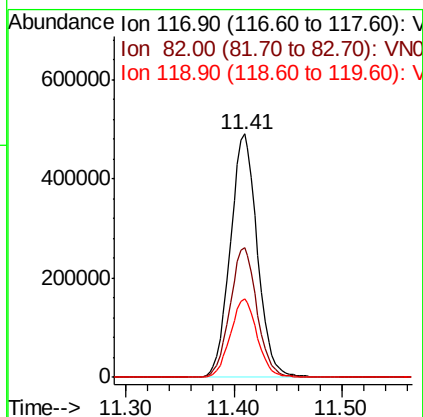
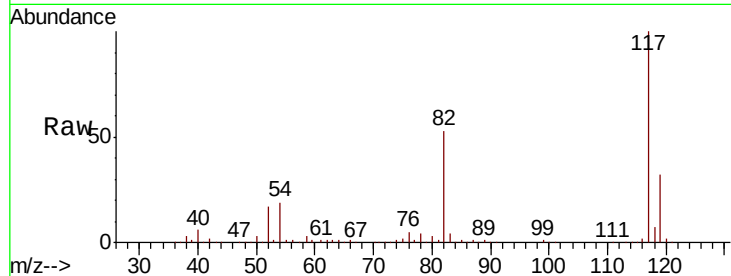




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050596.D
Acq: 14 Aug 2018 12:43

Instrument :
MSVOA_N
ClientSampleId :
STORAGEBLANK-SOILREF-6

Tot Ion:117 Resp: 859291
Ion Ratio Lower Upper
117 100
82 53.4 42.4 63.6
119 32.4 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN050596.D
Acq: 14 Aug 2018 12:43

Tgt Ion:152 Resp: 319885
Ion Ratio Lower Upper
152 100
115 55.7 28.1 84.2
150 155.9 0.0 347.8

