

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081418\
 Data File : VN050597.D
 Acq On : 14 Aug 2018 13:08
 Operator : MD\SY
 Sample : J4426-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGEBLANK-SOILREF-5

Quant Time: Aug 15 08:43:13 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	648132	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1012852	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	867449	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	315061	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	435011	53.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.50%	
35) Dibromofluoromethane	7.59	113	404889	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
50) Toluene-d8	10.09	98	1435362	47.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.32%	
62) 4-Bromofluorobenzene	12.40	95	384697	38.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.52%	

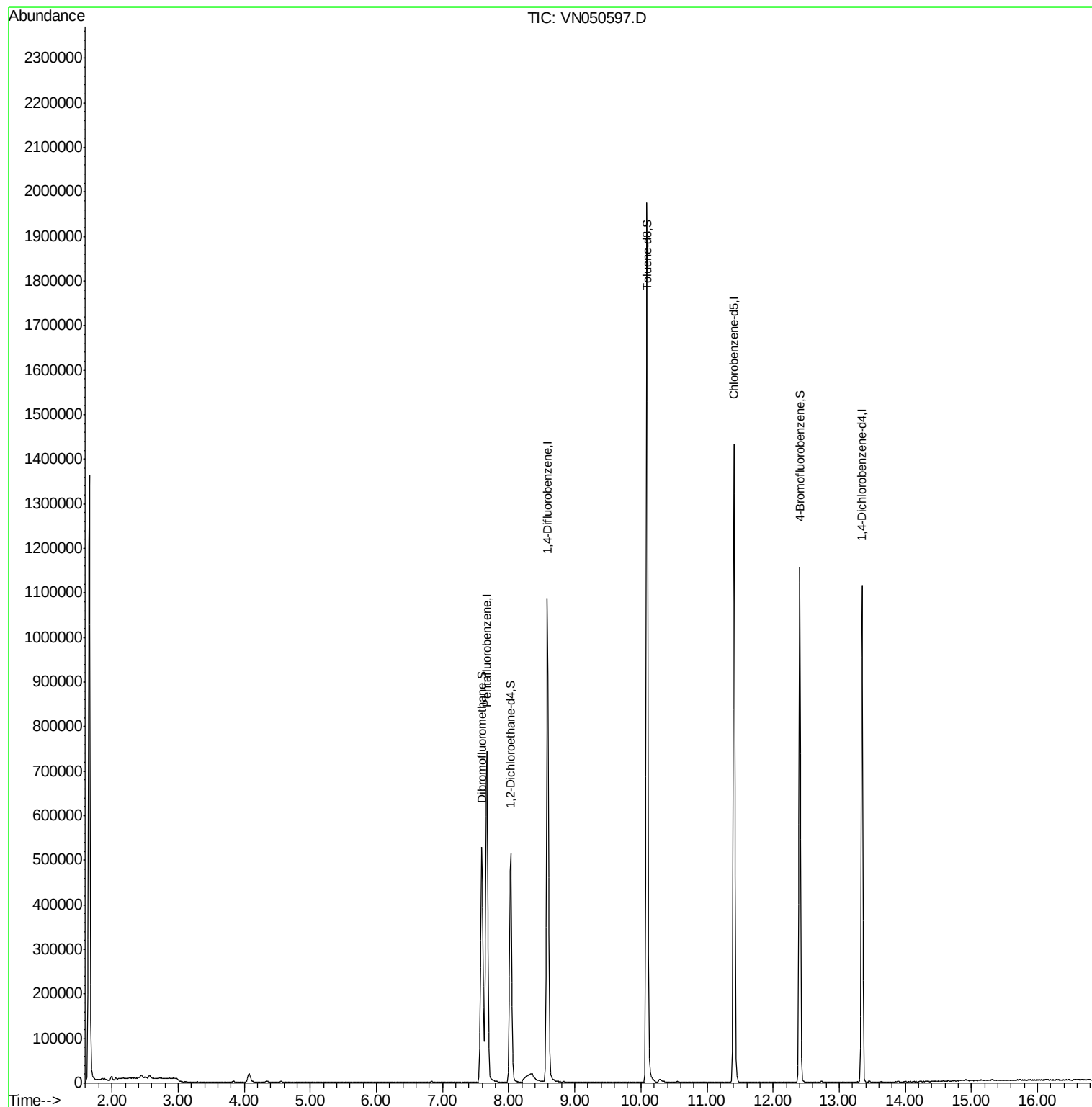
Target Compounds	Qvalue

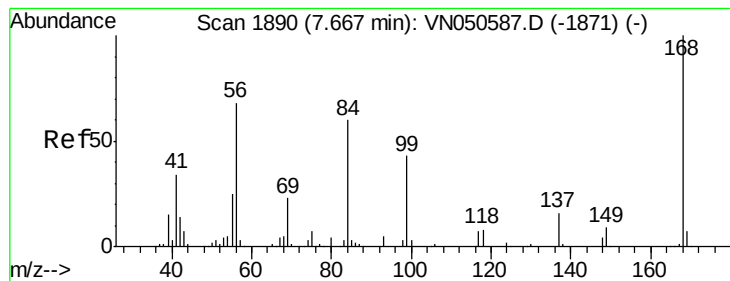
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050597.D

Acq: 14 Aug 2018 13:08

Instrument :

MSVOA_N

ClientSampleId :

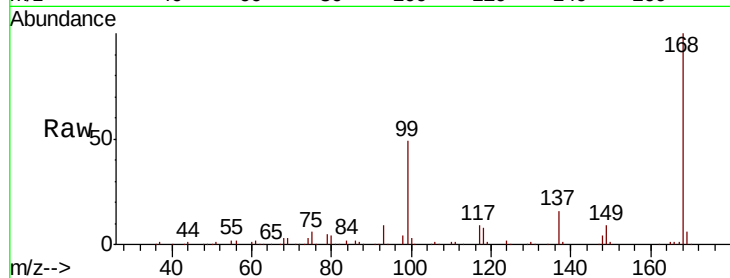
STORAGEBLANK-SOILREF-5

Tgt Ion:168 Resp: 648132

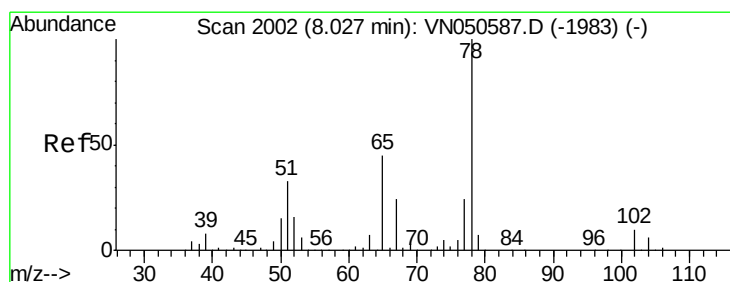
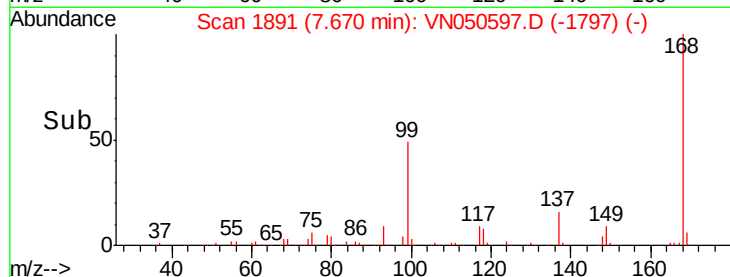
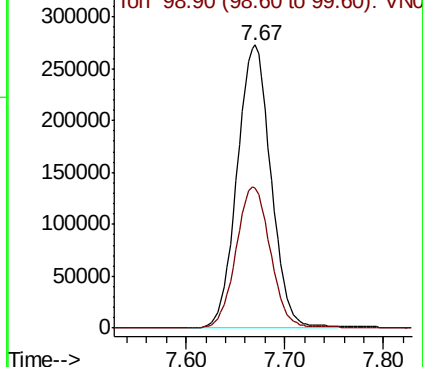
Ion Ratio Lower Upper

168 100

99 49.4 40.8 61.2



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



#33

1,2-Dichloroethane-d4

Concen: 53.247 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050597.D

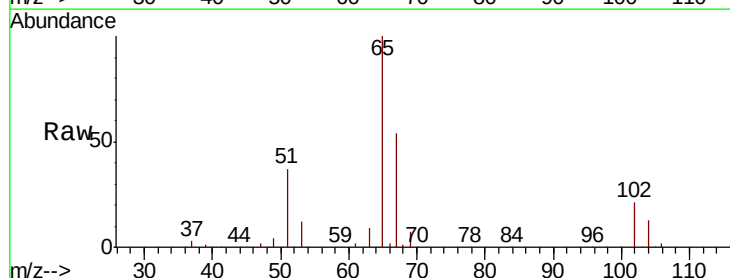
Acq: 14 Aug 2018 13:08

Tgt Ion: 65 Resp: 435011

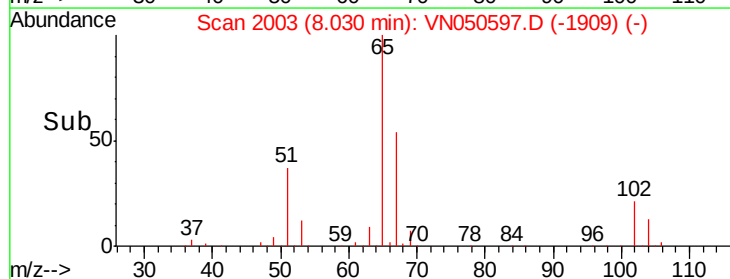
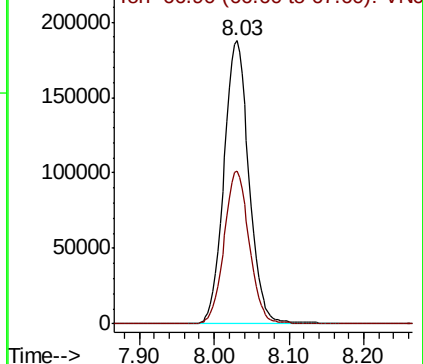
Ion Ratio Lower Upper

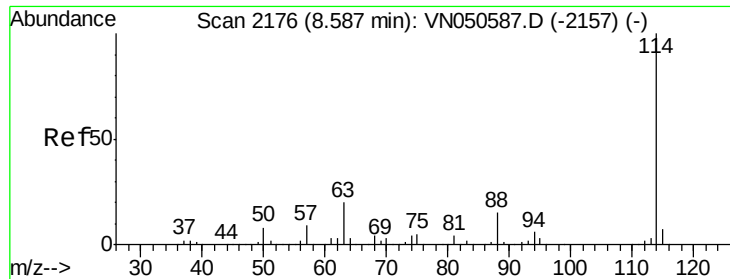
65 100

67 54.0 0.0 109.8



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





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050597.D

Acq: 14 Aug 2018 13:08

Instrument :

MSVOA_N

ClientSampleId :

STORAGEBLANK-SOILREF-5

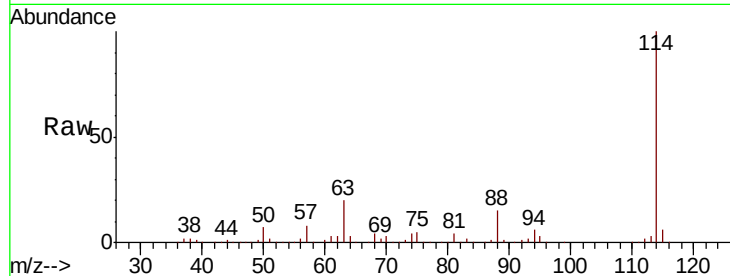
Tgt Ion:114 Resp: 1012852

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.0

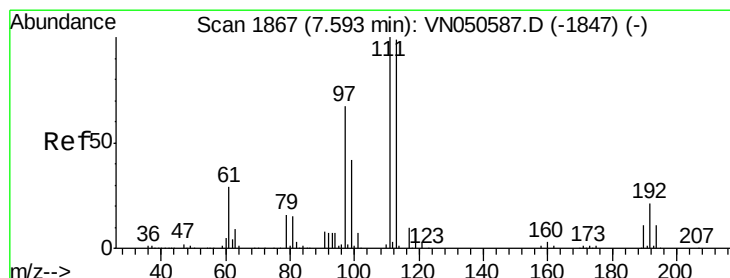
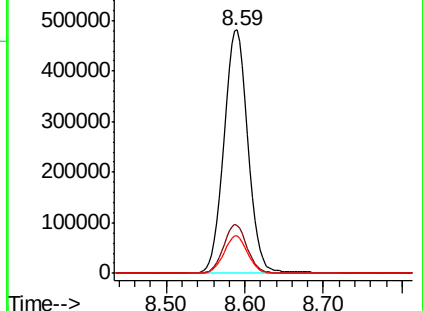
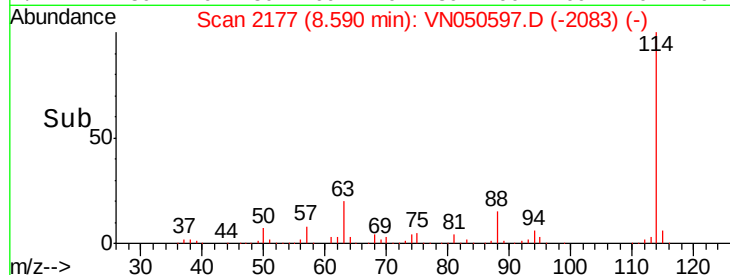
88 15.2 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 50.071 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN050597.D

Acq: 14 Aug 2018 13:08

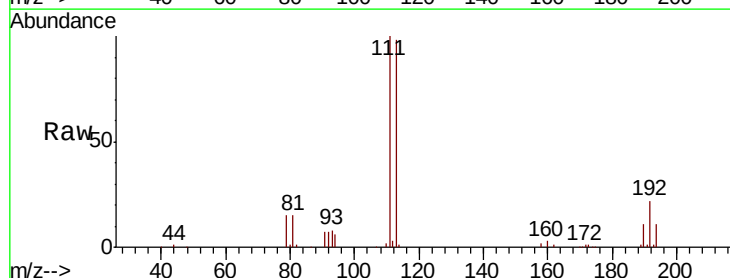
Tgt Ion:113 Resp: 404889

Ion Ratio Lower Upper

113 100

111 102.3 81.0 121.6

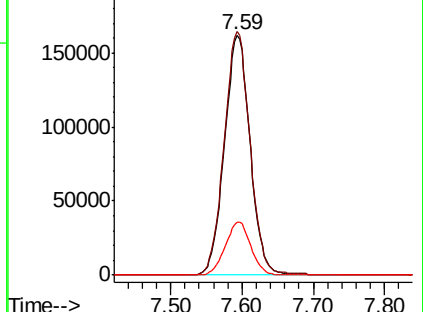
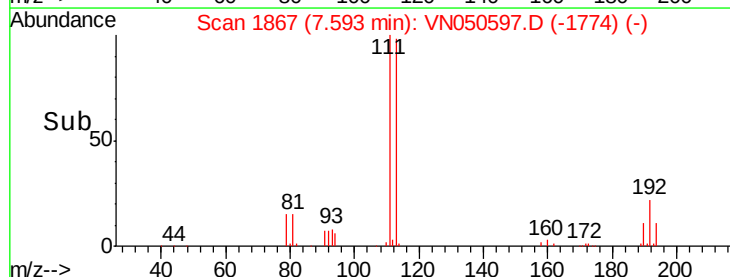
192 22.1 17.6 26.4

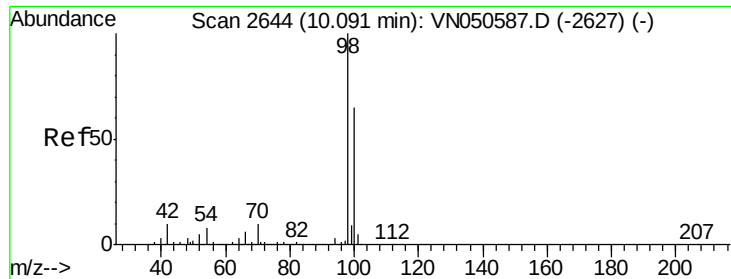


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.165 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050597.D

Acq: 14 Aug 2018 13:08

Instrument :

MSVOA_N

ClientSampleId :

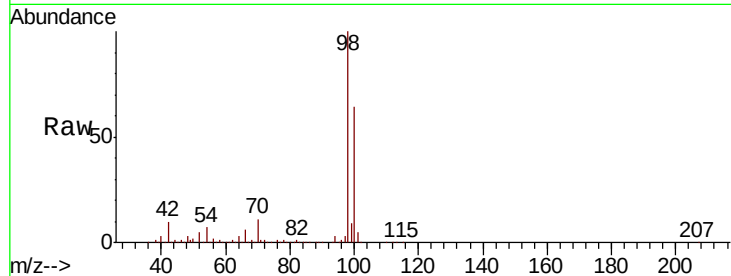
STORAGEBLANK-SOILREF-5

Tgt Ion: 98 Resp: 1435362

Ion Ratio Lower Upper

98 100

100 63.4 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN050587.D (-2627) (-)

Ion 100.00 (99.70 to 100.70): VN050587.D (-2627) (-)

10.09

800000

600000

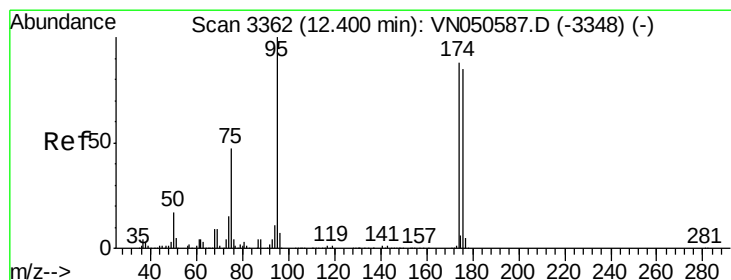
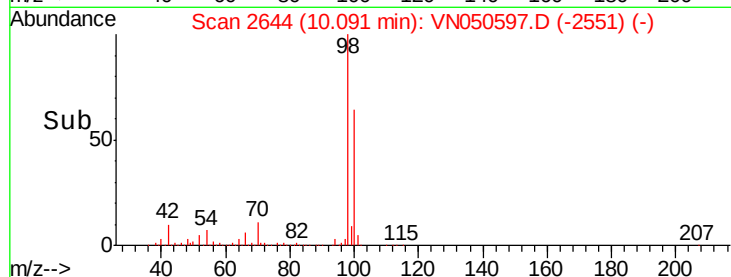
400000

200000

0

10.00 10.10 10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 38.264 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050597.D

Acq: 14 Aug 2018 13:08

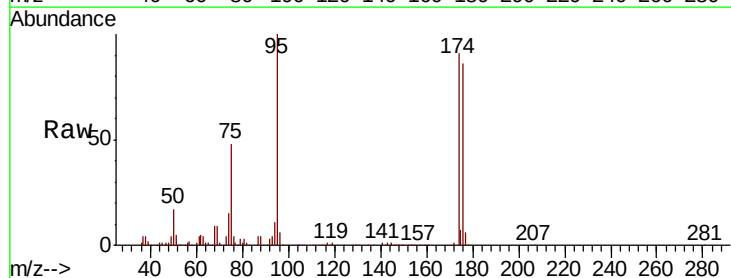
Tgt Ion: 95 Resp: 384697

Ion Ratio Lower Upper

95 100

174 91.0 0.0 177.8

176 86.3 0.0 175.0



Abundance Ion 94.90 (94.60 to 95.60): VN050587.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN050587.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN050587.D (-3348) (-)

12.40

300000

250000

200000

150000

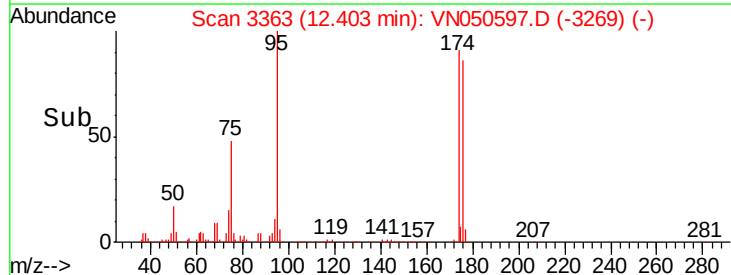
100000

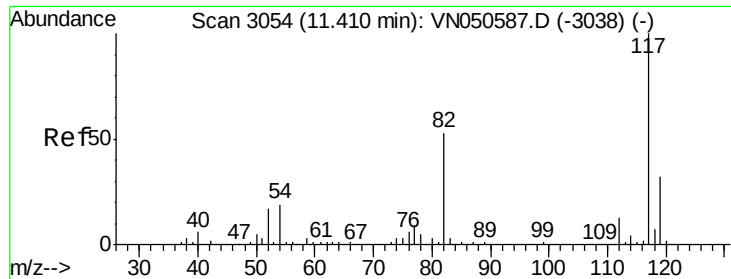
50000

0

12.30 12.40 12.50

Time-->

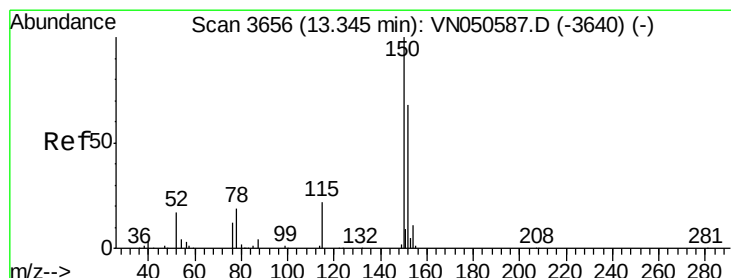
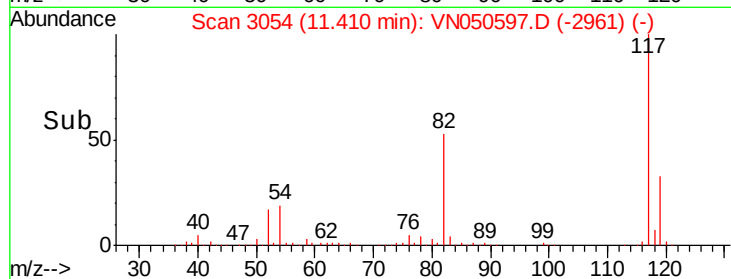
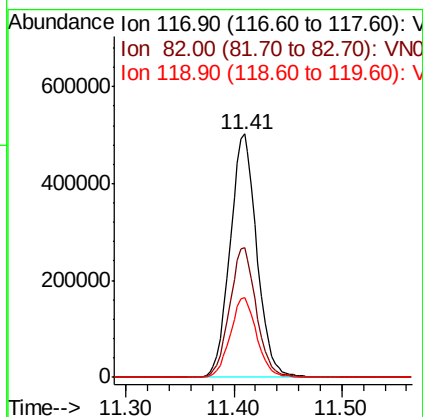
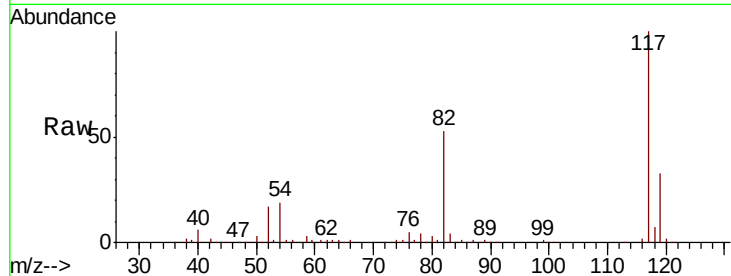




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050597.D
Acq: 14 Aug 2018 13:08

Instrument :
MSVOA_N
ClientSampleId :
STORAGEBLANK-SOILREF-5

Tgt Ion:117 Resp: 867449
Ion Ratio Lower Upper
117 100
82 53.0 42.4 63.6
119 32.6 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050597.D
Acq: 14 Aug 2018 13:08

Tgt Ion:152 Resp: 315061
Ion Ratio Lower Upper
152 100
115 56.1 28.1 84.2
150 158.3 0.0 347.8

