

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082418\
 Data File : VN050883.D
 Acq On : 24 Aug 2018 17:45
 Operator : MD\SY
 Sample : J4653-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE BLANK-SOILREF-5

Quant Time: Aug 24 22:56:48 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	586470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	960382	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	786824	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	230662	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	385589	54.61	ug/l	0.00
Spiked Amount			Recovery	=	109.22%	
35) Dibromofluoromethane	7.59	113	366926	48.02	ug/l	0.00
Spiked Amount			Recovery	=	96.04%	
50) Toluene-d8	10.09	98	1308862	45.82	ug/l	0.00
Spiked Amount			Recovery	=	91.64%	
62) 4-Bromofluorobenzene	12.40	95	325336	34.27	ug/l	0.00
Spiked Amount			Recovery	=	68.54%	

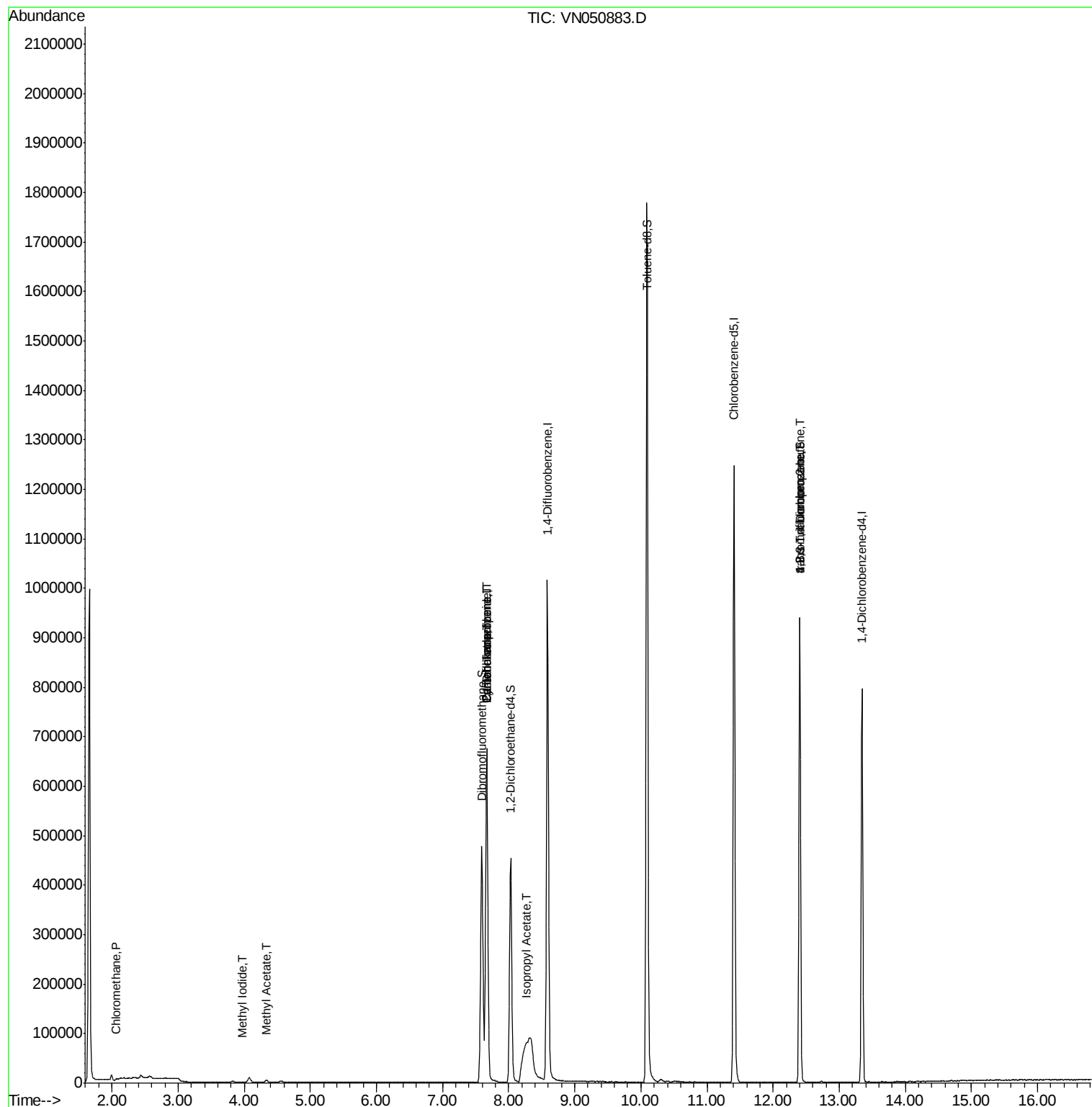
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2580	0.27	ug/l	95
5) Bromomethane	2.57	94	2595	Below	Cal	91
10) Methyl Iodide	3.96	142	340	6.39	ug/l #	43
16) Acetone	3.82	43	4998	Below	Cal	95
18) Methyl Acetate	4.33	43	8976	1.35	ug/l	96
31) Cyclohexane	7.67	56	10114	1.30	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	39640	3.50	ug/l #	48
38) Carbon Tetrachloride	7.67	117	52574	4.59	ug/l #	17
43) Isopropyl Acetate	8.27	43	129642	11.58	ug/l #	58
76) 1,2,3-Trichloropropane	12.40	75	153074	37.89	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	153074	128.09	ug/l #	15

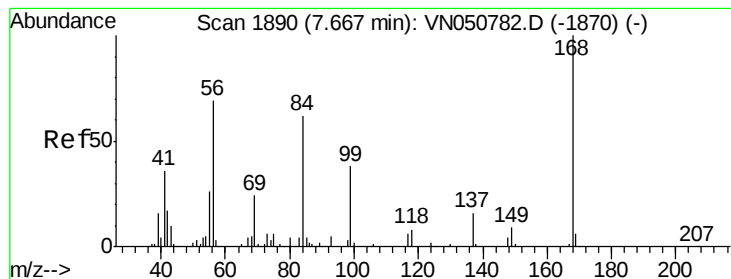
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050883.D

Acq: 24 Aug 2018 17:45

Instrument :

MSVOA_N

ClientSampleId :

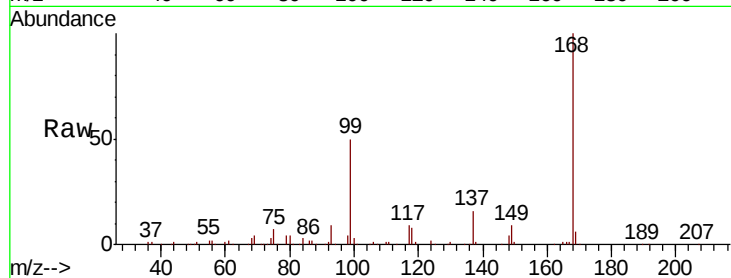
STORAGEBLANK-SOILREF-5

Tot Ion:168 Resp: 586470

Ion Ratio Lower Upper

168 100

99 49.6 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): VN050782.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050782.D (-1870) (-)

7.67

250000

200000

150000

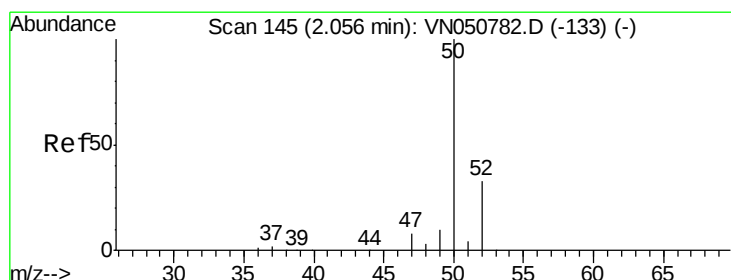
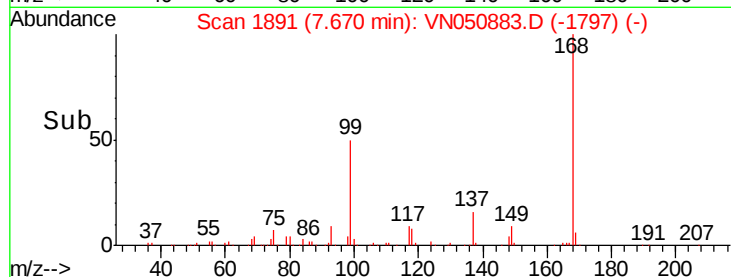
100000

50000

0

7.60 7.70 7.80

Time-->



#3

Chloromethane

Concen: 0.27 ug/l

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN050883.D

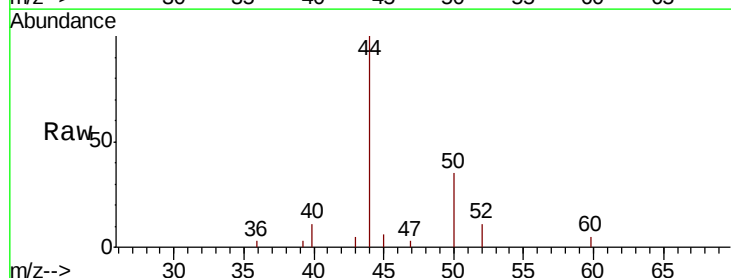
Acq: 24 Aug 2018 17:45

Tgt Ion: 50 Resp: 2580

Ion Ratio Lower Upper

50 100

52 30.1 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VN050782.D (-133) (-)

Ion 51.90 (51.60 to 52.60): VN050782.D (-133) (-)

2.06

2000

1500

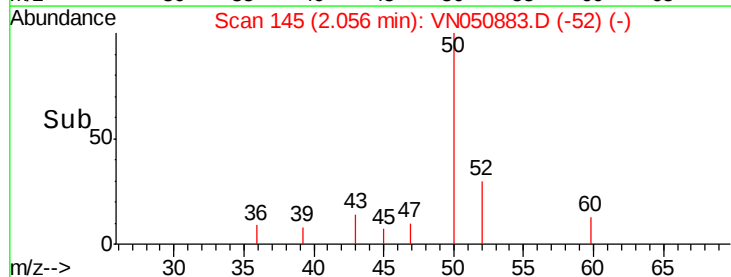
1000

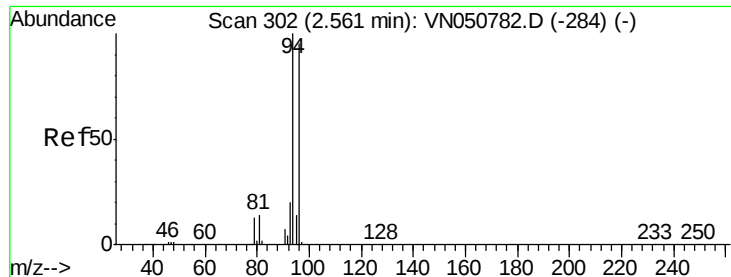
500

0

2.00 2.05 2.10

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 304

Delta R.T. 0.01 min

Lab File: VN050883.D

Acq: 24 Aug 2018 17:45

Instrument :

MSVOA_N

ClientSampleId :

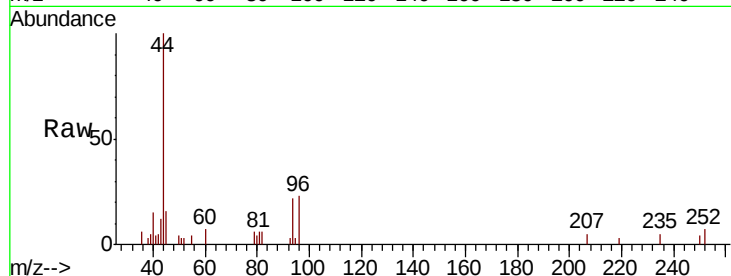
STORAGEBLANK-SOILREF-5

Tot Ion: 94 Resp: 2595

Ion Ratio Lower Upper

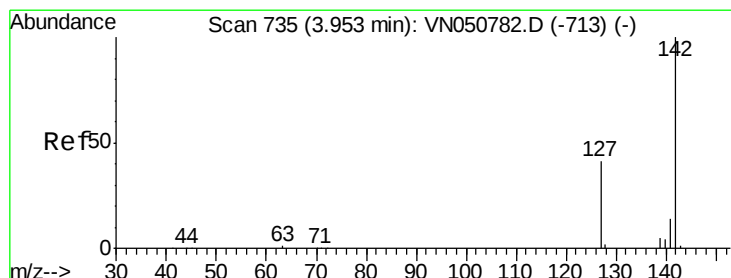
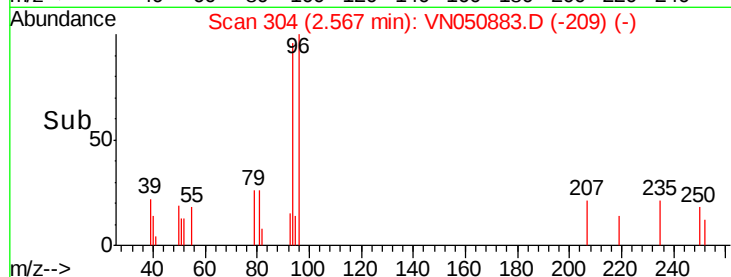
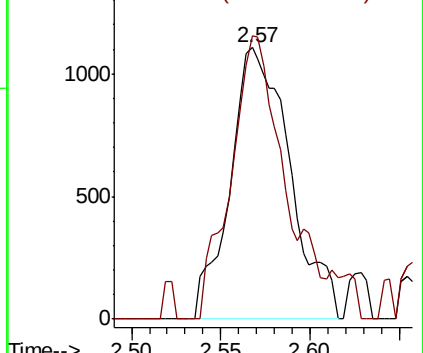
94 100

96 104.2 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VN050883.D (-209) (-)

Ion 95.90 (95.60 to 96.60): VN050883.D (-209) (-)



#10

Methyl Iodide

Concen: 6.39 ug/l

RT: 3.96 min Scan# 738

Delta R.T. 0.01 min

Lab File: VN050883.D

Acq: 24 Aug 2018 17:45

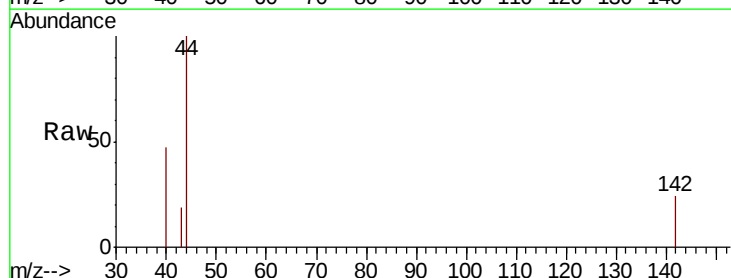
Tgt Ion: 142 Resp: 340

Ion Ratio Lower Upper

142 100

127 0.0 31.7 47.5#

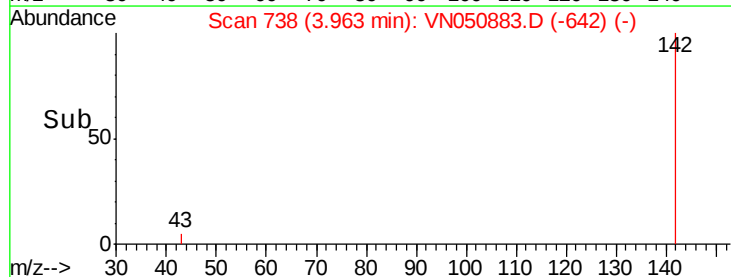
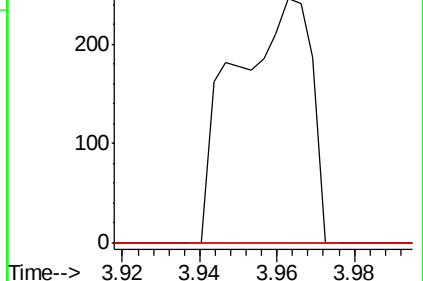
141 0.0 11.4 17.0#

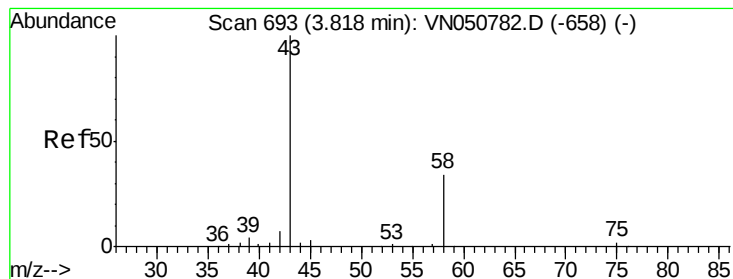


Abundance Ion 141.80 (141.50 to 142.50): VN050883.D (-642) (-)

Ion 126.80 (126.50 to 127.50): VN050883.D (-642) (-)

Ion 140.80 (140.50 to 141.50): VN050883.D (-642) (-)





#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN050883.D

Acq: 24 Aug 2018 17:45

Instrument :

MSVOA_N

ClientSampleId :

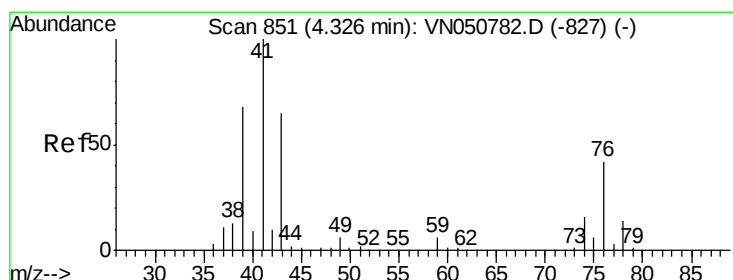
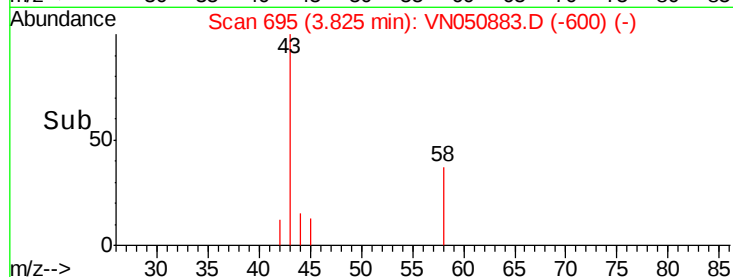
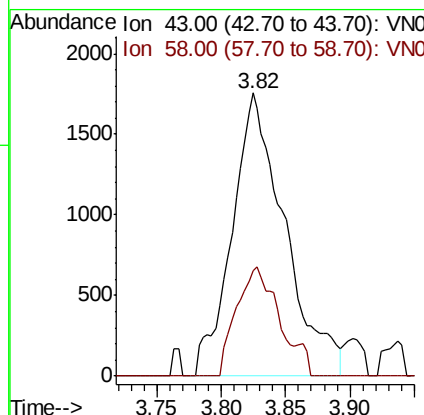
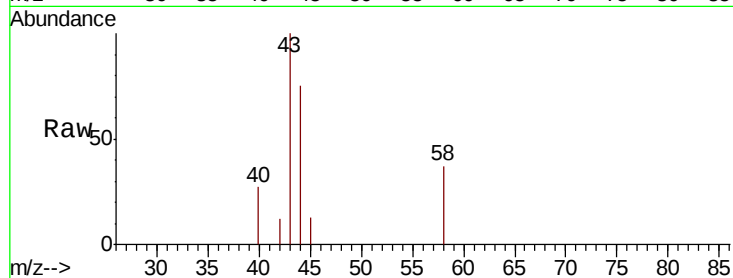
STORAGEBLANK-SOILREF-5

Tot Ion: 43 Resp: 4998

Ion Ratio Lower Upper

43 100

58 37.1 27.2 40.8



#18

Methyl Acetate

Concen: 1.35 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN050883.D

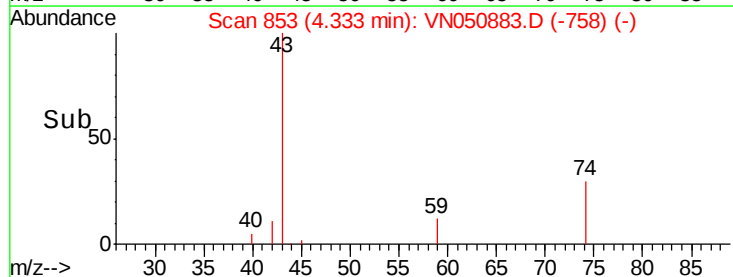
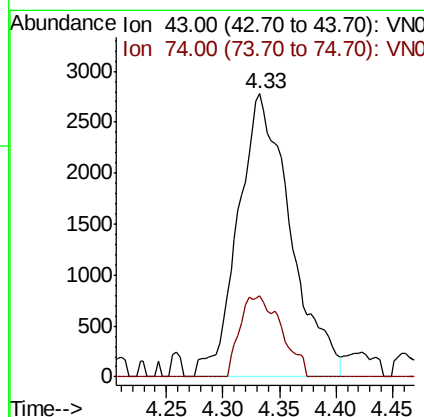
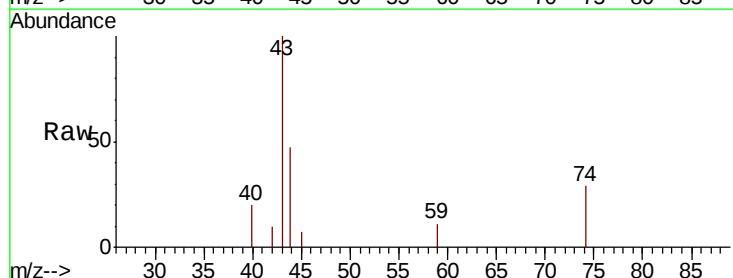
Acq: 24 Aug 2018 17:45

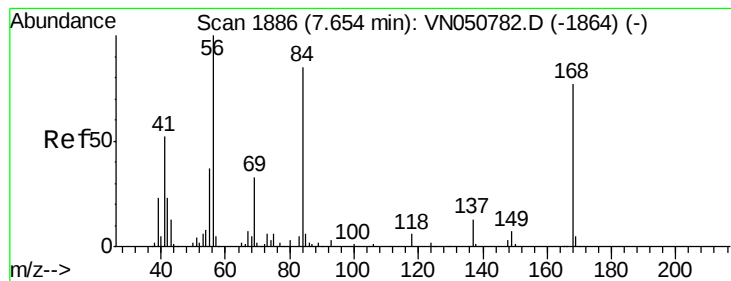
Tgt Ion: 43 Resp: 8976

Ion Ratio Lower Upper

43 100

74 22.7 19.8 29.8





#31

Cvclohexane

Concen: 1.30 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN050883.D

Acq: 24 Aug 2018 17:45

Instrument :

MSVOA_N

ClientSampleId :

STORAGEBLANK-SOILREF-5

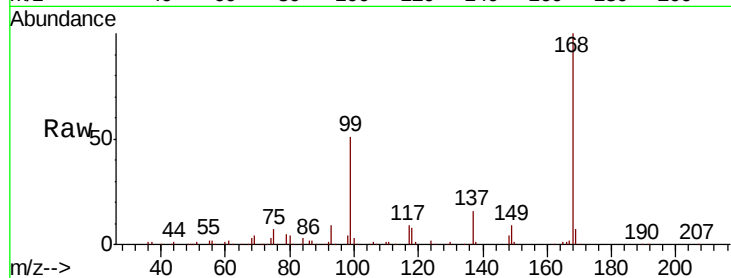
Tot Ion: 56 Resp: 10114

Ion Ratio Lower Upper

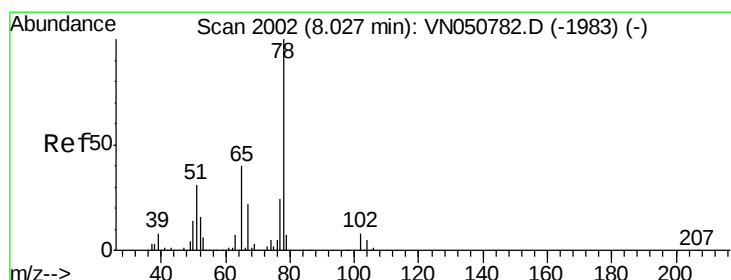
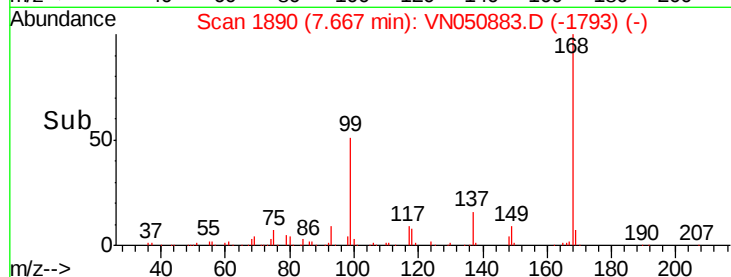
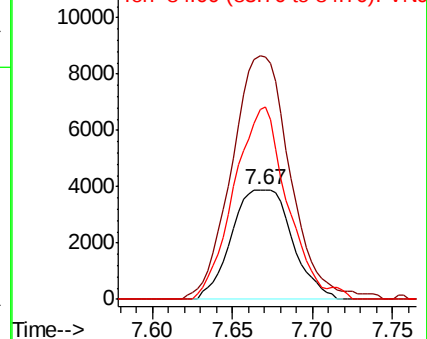
56 100

69 215.4 26.2 39.4#

84 172.6 68.3 102.5#



Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO



#33

1,2-Dichloroethane-d4

Concen: 54.61 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050883.D

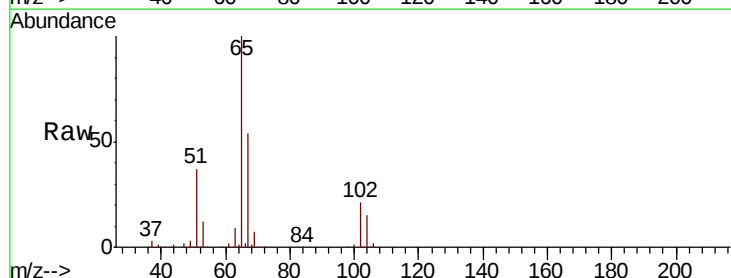
Acq: 24 Aug 2018 17:45

Tgt Ion: 65 Resp: 385589

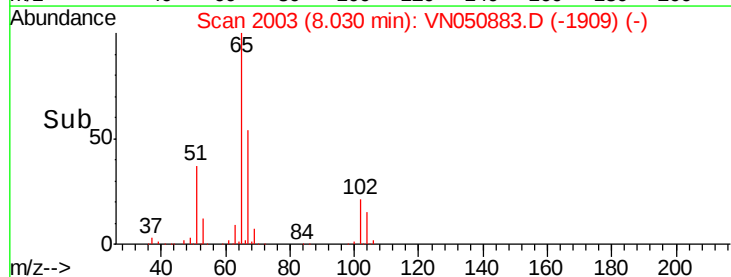
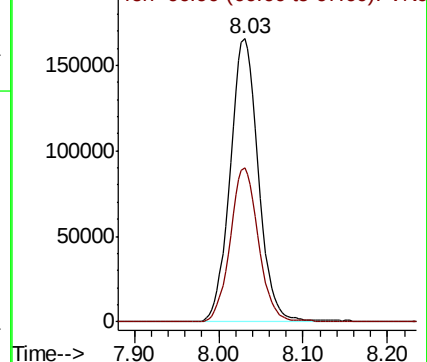
Ion Ratio Lower Upper

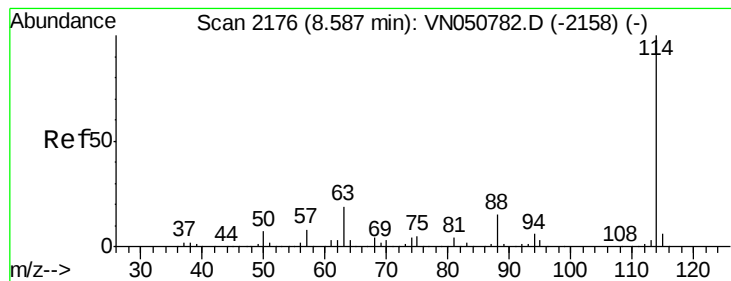
65 100

67 54.2 0.0 110.4



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





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN050883.D

Acq: 24 Aug 2018 17:45

Instrument :

MSVOA_N

ClientSampleId :

STORAGEBLANK-SOILREF-5

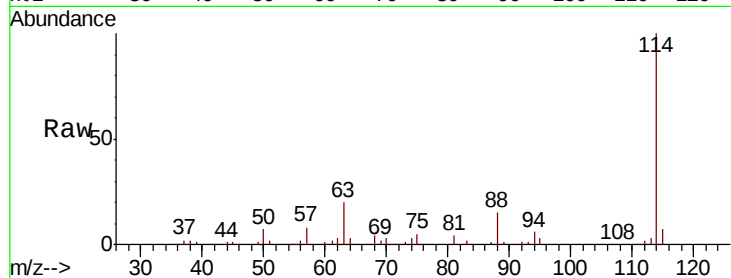
Tot Ion:114 Resp: 960382

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.6

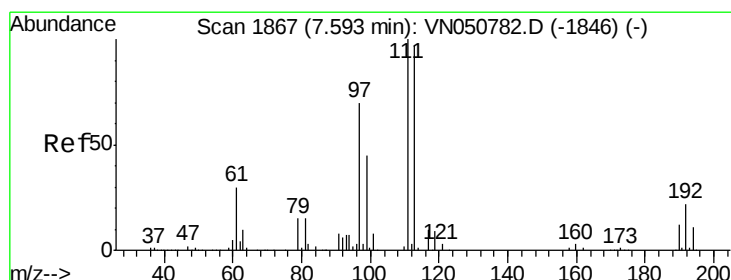
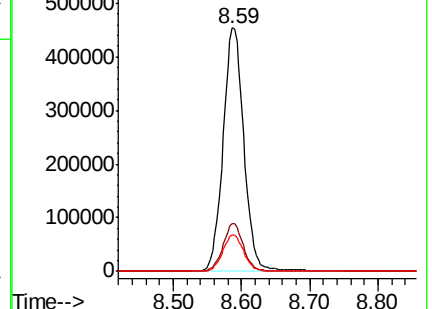
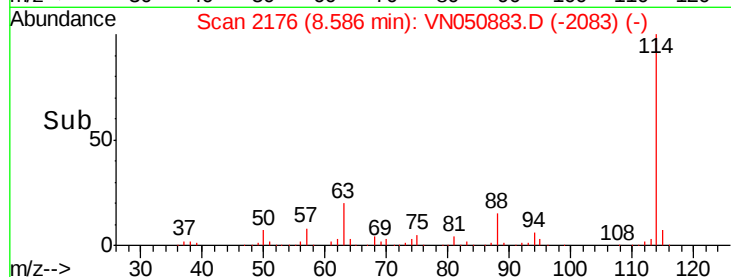
88 15.1 0.0 30.6



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: 48.02 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VN050883.D

Acq: 24 Aug 2018 17:45

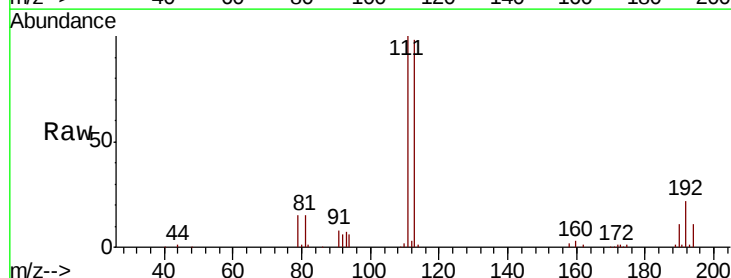
Tgt Ion:113 Resp: 366926

Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

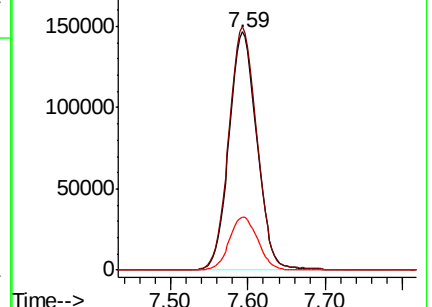
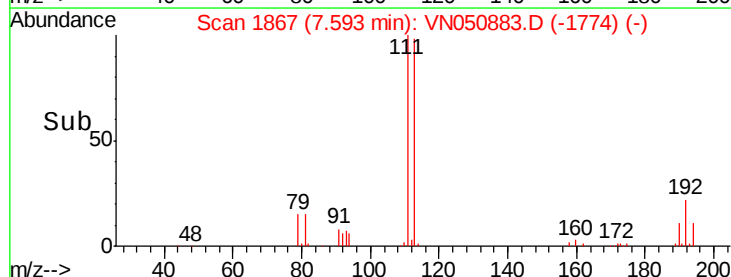
192 22.7 18.0 27.0

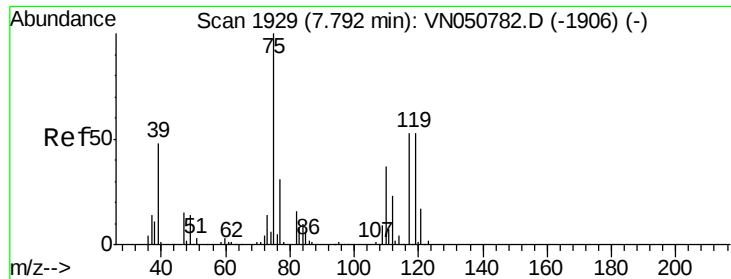


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

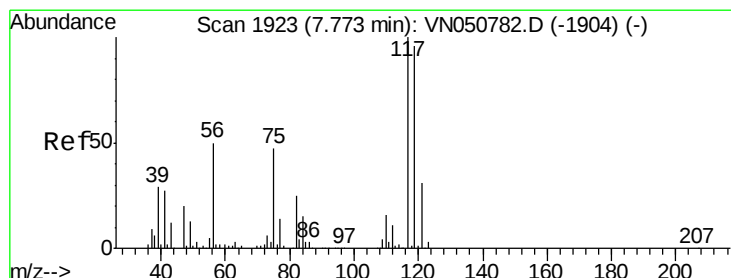
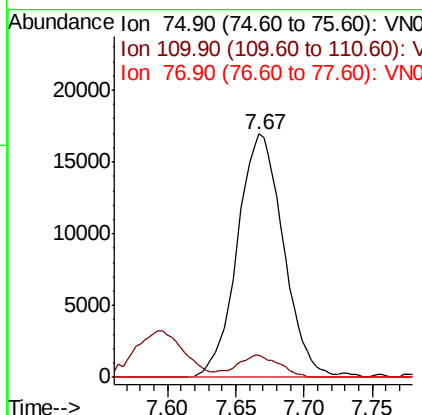
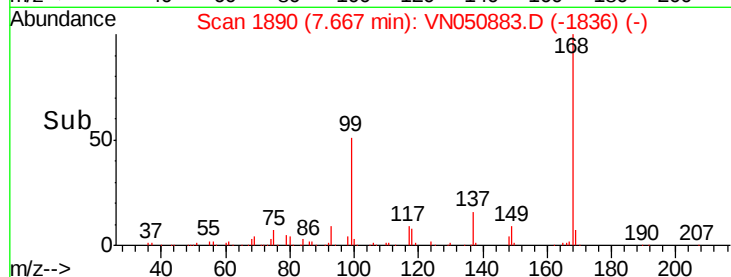
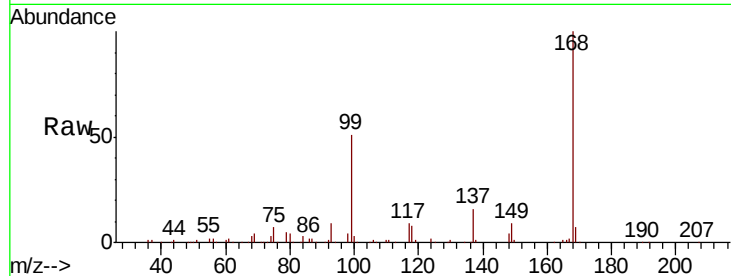




#36
 1,1-Dichloropropene
 Concen: 3.50 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050883.D
 Acq: 24 Aug 2018 17:45

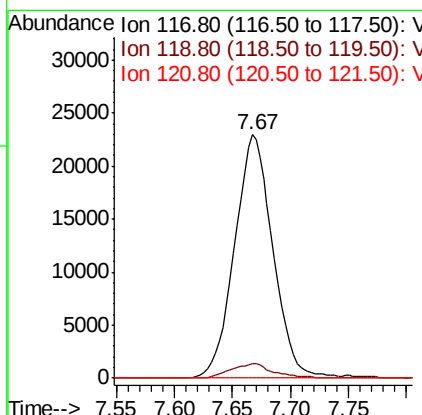
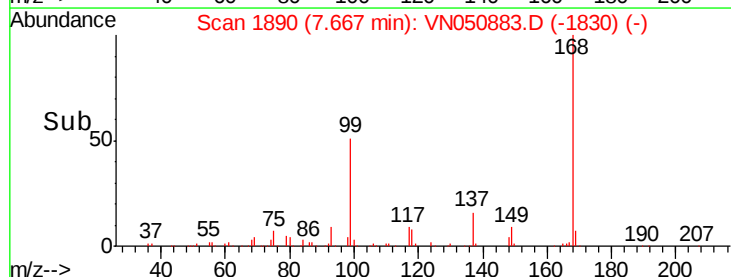
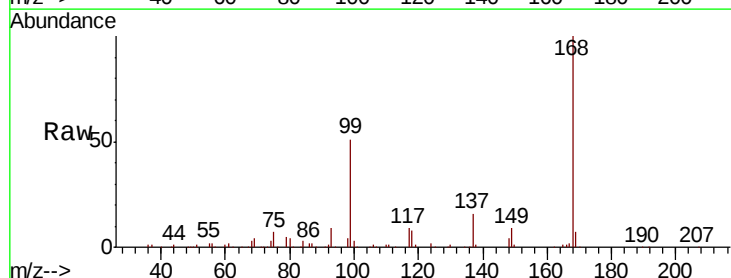
Instrument :
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 STORAGEBLANK-SOILREF-5

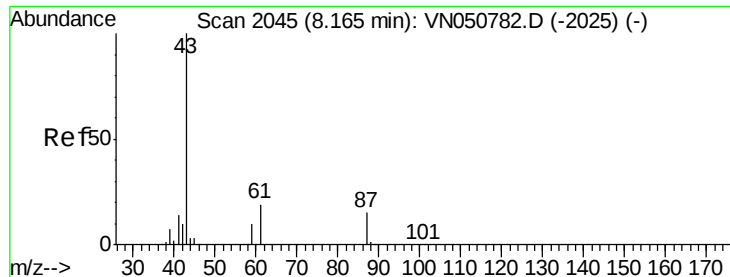
Tot Ion: 75 Resp: 39640
 Ion Ratio Lower Upper
 75 100
 110 8.2 18.1 54.4#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 4.59 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.11 min
 Lab File: VN050883.D
 Acq: 24 Aug 2018 17:45

Tgt Ion: 117 Resp: 52574
 Ion Ratio Lower Upper
 117 100
 119 5.8 76.3 114.5#
 121 0.0 24.6 36.8#



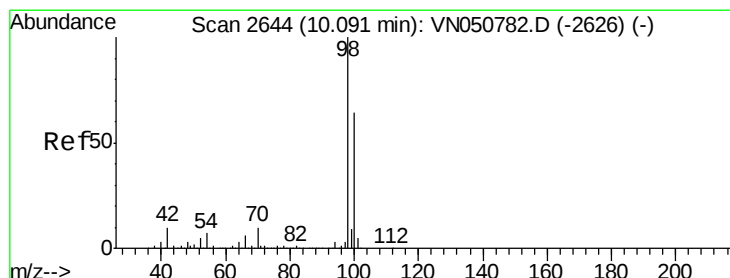
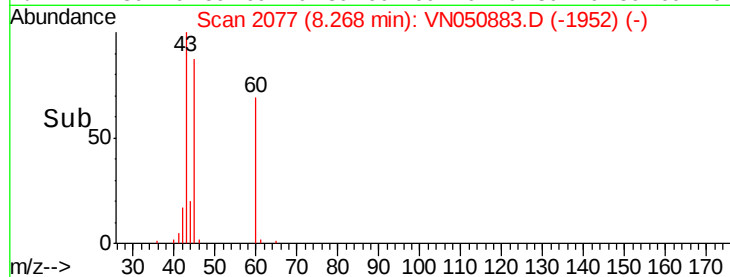
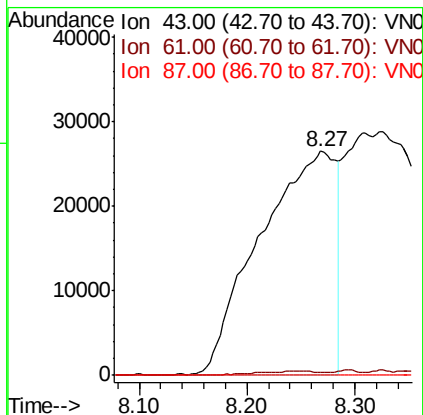
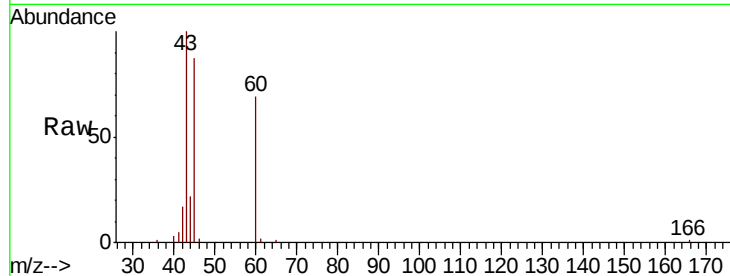


#43

Isopropyl Acetate
 Concen: 11.58 ug/l
 RT: 8.27 min Scan# 2077
 Delta R.T. 0.10 min
 Lab File: VN050883.D
 Acq: 24 Aug 2018 17:45

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGEBLANK-SOILREF-5

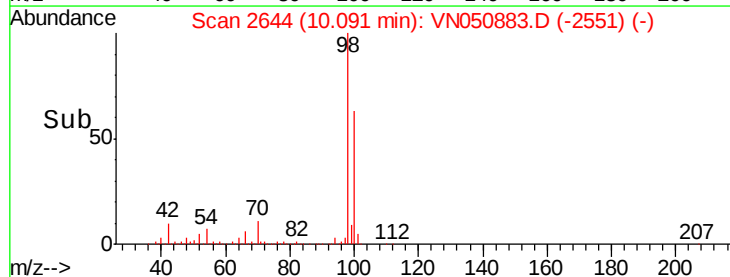
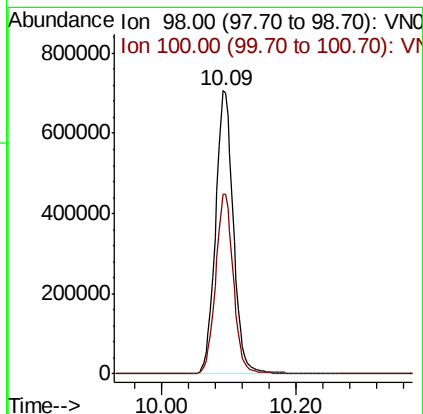
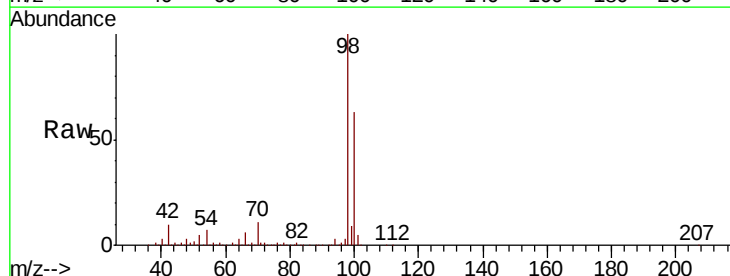
Tot Ion: 43 Resp: 129642
 Ion Ratio Lower Upper
 43 100
 61 0.0 17.5 26.3#
 87 0.0 11.3 16.9#

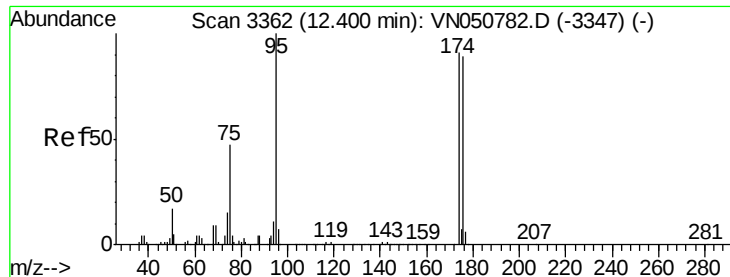


#50

Toluene-d8
 Concen: 45.82 ug/l
 RT: 10.09 min Scan# 2644
 Delta R.T. -0.00 min
 Lab File: VN050883.D
 Acq: 24 Aug 2018 17:45

Tgt Ion: 98 Resp: 1308862
 Ion Ratio Lower Upper
 98 100
 100 63.5 51.5 77.3





#62

4-Bromofluorobenzene

Concen: 34.27 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050883.D

Acq: 24 Aug 2018 17:45

Instrument :

MSVOA_N

ClientSampleId :

STORAGEBLANK-SOILREF-5

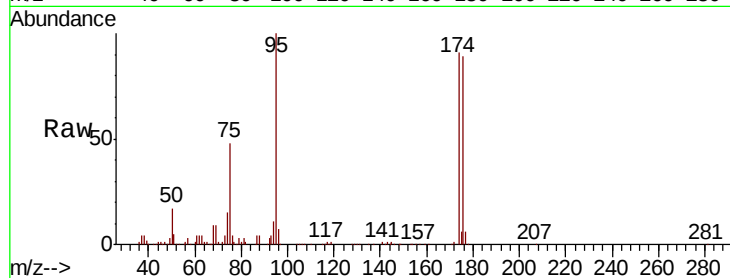
Tot Ion: 95 Resp: 325336

Ion Ratio Lower Upper

95 100

174 91.4 0.0 183.0

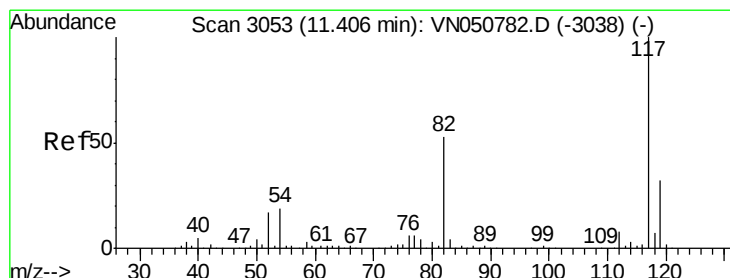
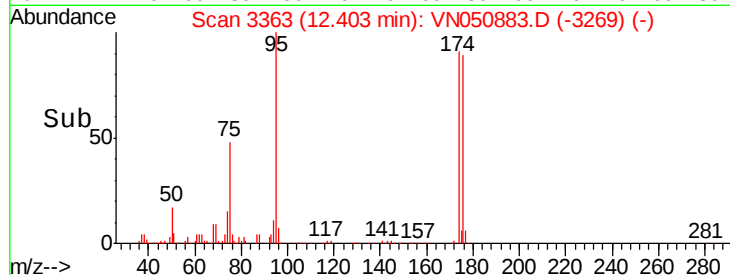
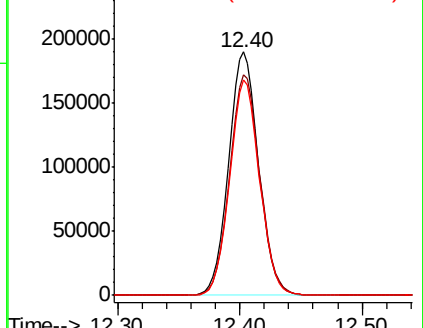
176 88.2 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VN050782.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN050782.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN050782.D (-3347) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050883.D

Acq: 24 Aug 2018 17:45

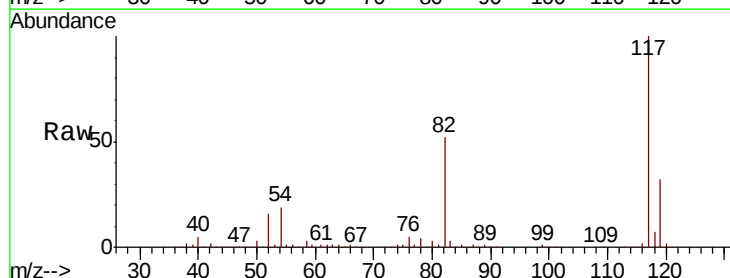
Tgt Ion: 117 Resp: 786824

Ion Ratio Lower Upper

117 100

82 51.9 42.6 64.0

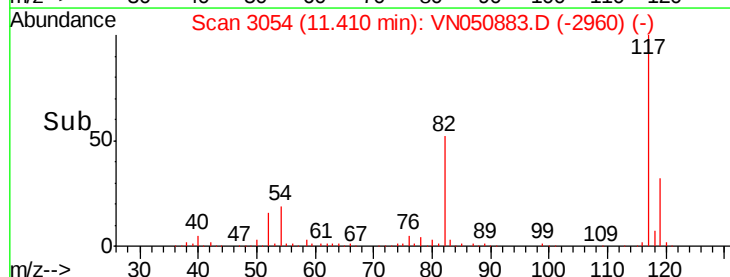
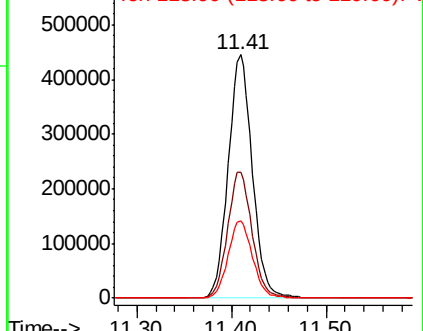
119 31.7 25.8 38.6

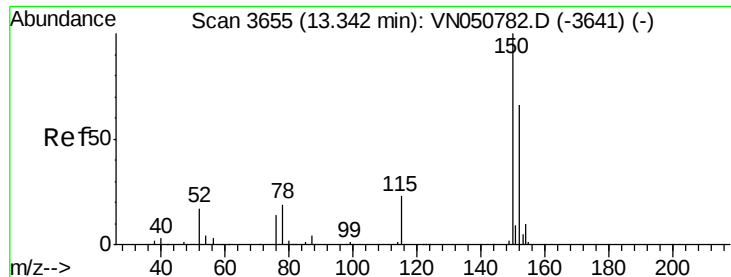


Abundance Ion 116.90 (116.60 to 117.60): VN050782.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050782.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050782.D (-3038) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050883.D

Acq: 24 Aug 2018 17:45

Instrument :

MSVOA_N

ClientSampleId :

STORAGEBLANK-SOILREF-5

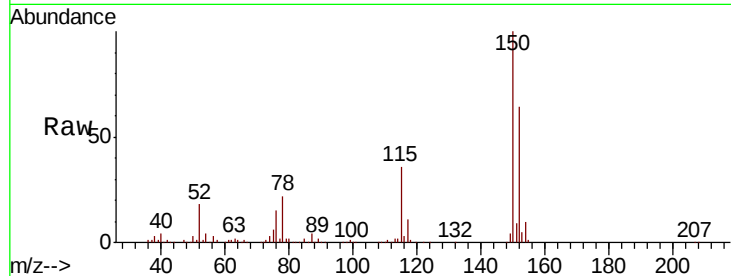
Tot Ion:152 Resp: 230662

Ion Ratio Lower Upper

152 100

115 56.7 27.8 83.4

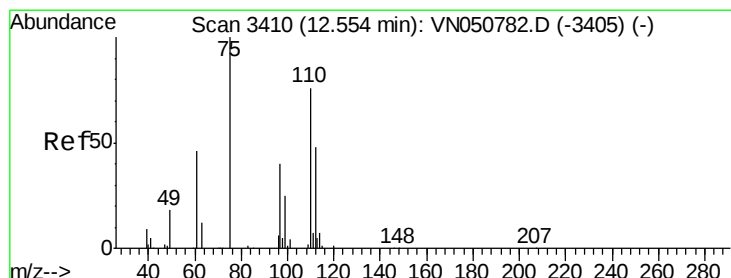
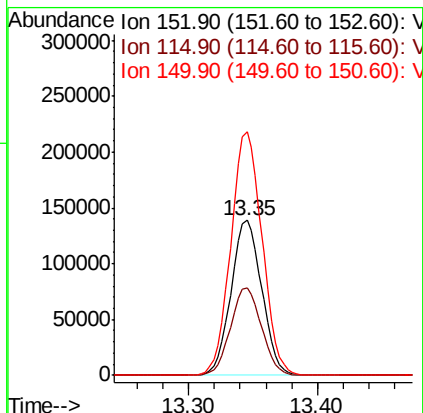
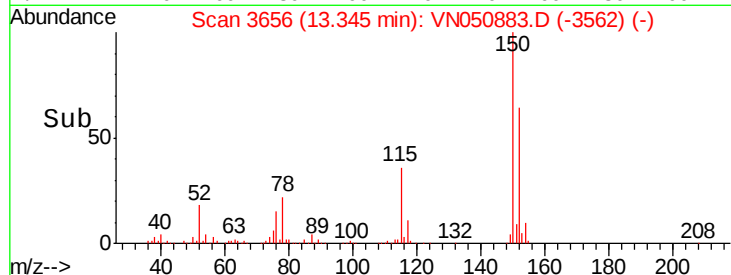
150 158.9 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 37.89 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050883.D

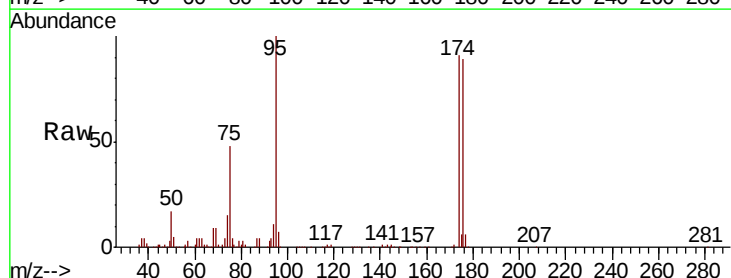
Acq: 24 Aug 2018 17:45

Tgt Ion: 75 Resp: 153074

Ion Ratio Lower Upper

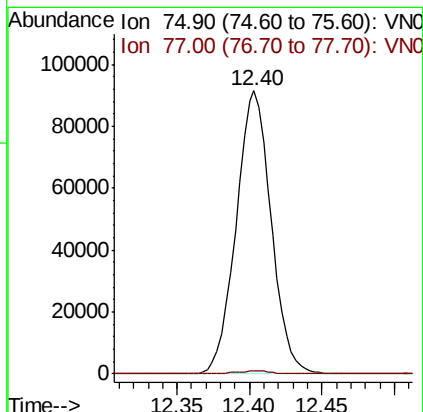
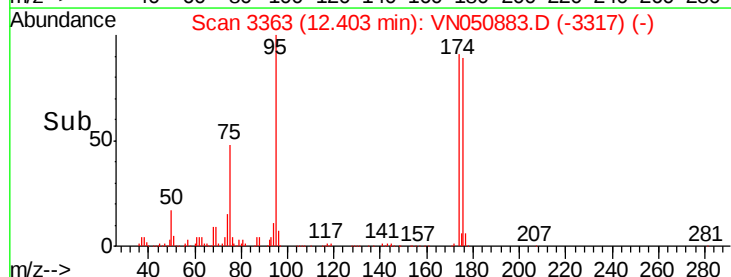
75 100

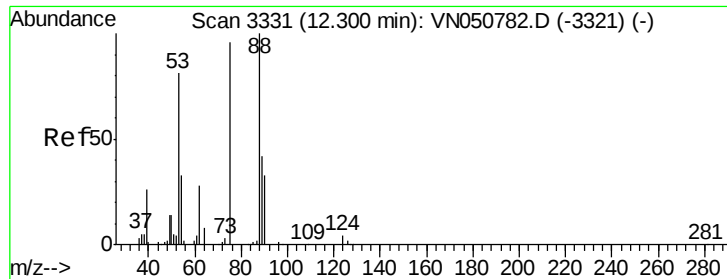
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 128.09 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050883.D

Acq: 24 Aug 2018 17:45

Instrument :

MSVOA_N

ClientSampleId :

STORAGEBLANK-SOILREF-5

Tot Ion: 75 Resp: 153074

Ion Ratio Lower Upper

75 100

53 0.2 68.9 103.3#

89 0.0 36.1 54.1#

