

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033019\
 Data File : VN054812.D
 Acq On : 30 Mar 2019 19:32
 Operator : JC/SP
 Sample : K2125-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-COMP

Quant Time: Mar 30 23:53:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

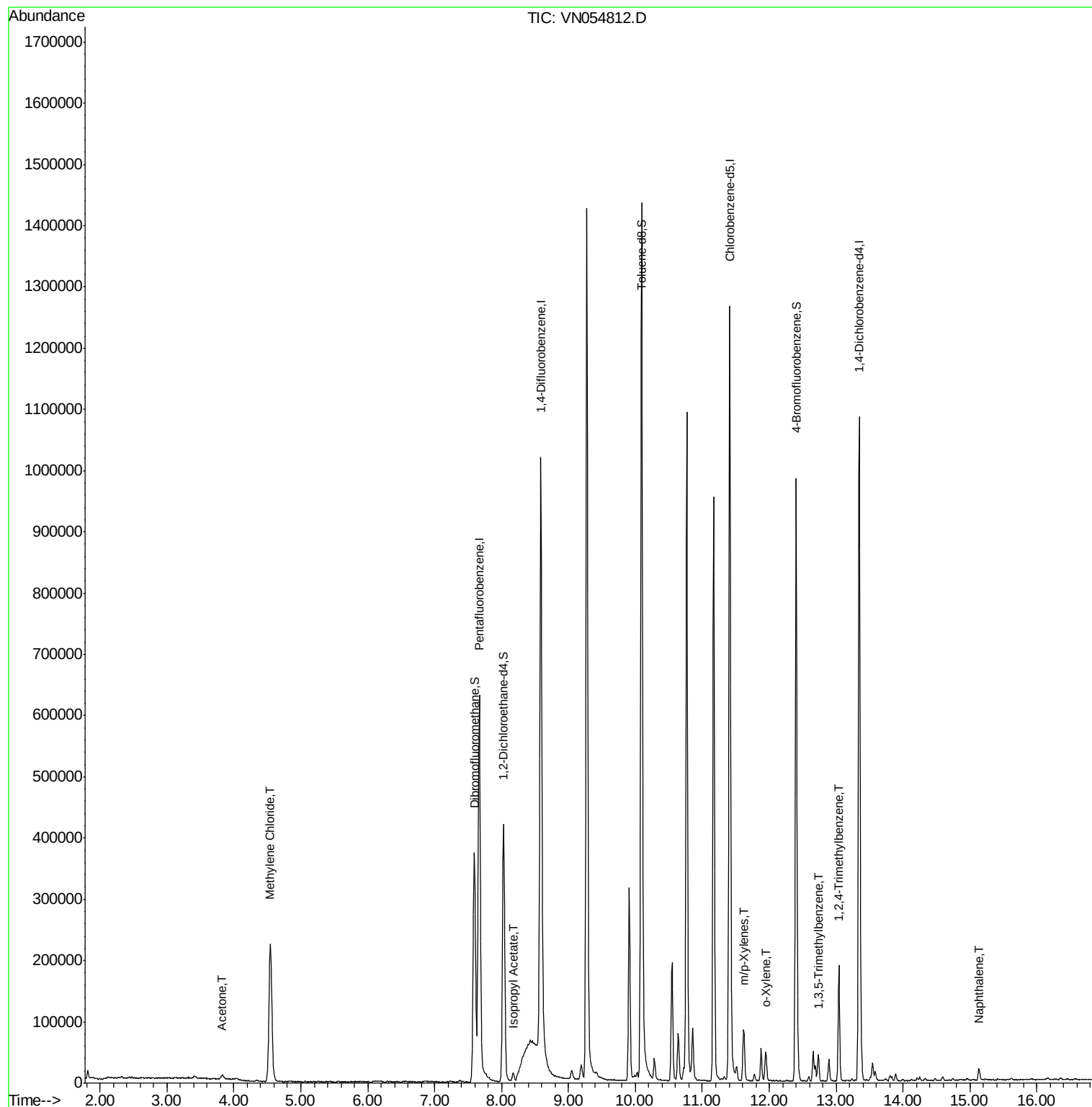
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	536241	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	877497	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	763576	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	287041	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	362983	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
35) Dibromofluoromethane	7.59	113	281438	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
50) Toluene-d8	10.09	98	1056823	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.18%	
62) 4-Bromofluorobenzene	12.40	95	333979	46.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.34%	
Target Compounds						
16) Acetone	3.82	43	10988	6.374	ug/l	88
20) Methylene Chloride	4.55	84	156349	25.713	ug/l #	86
43) Isopropyl Acetate	8.17	43	16707	1.715	ug/l #	91
68) m/p-Xylenes	11.62	106	27482	2.753	ug/l	98
69) o-Xylene	11.95	106	13259	1.354	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	23449	1.218	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	104701	5.709	ug/l	96
95) Naphthalene	15.13	128	15639	1.512	ug/l	98

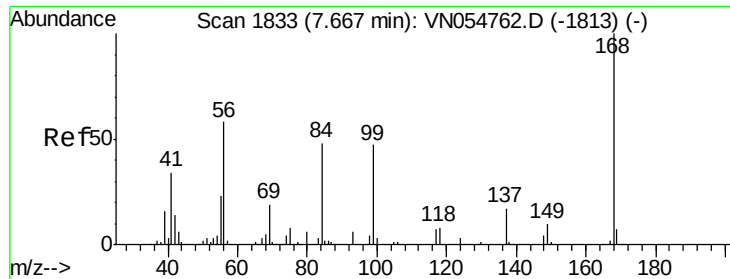
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN033019\
Data File : VN054812.D
Acq On : 30 Mar 2019 19:32
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Instrument :
MSVOA_N
ClientSampleId :
SOIL-COMP

Quant Time: Mar 30 23:53:39 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 00:48:18 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054812.D

Acq: 30 Mar 2019 19:32

Instrument :

MSVOA_N

ClientSampled :

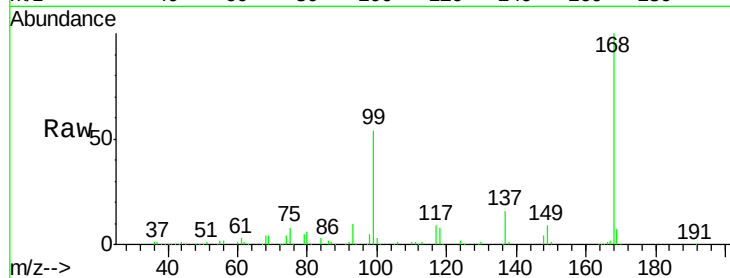
SOIL-COMP

Tot Ion:168 Resp: 536241

Ion Ratio Lower Upper

168 100

99 53.9 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

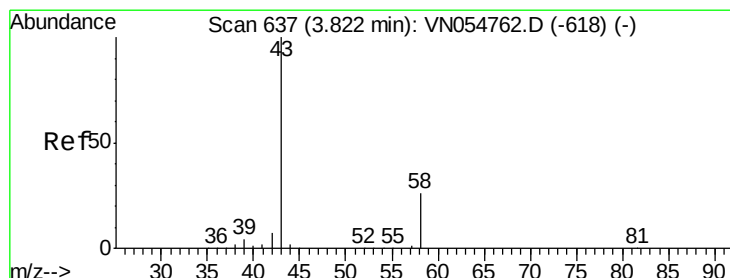
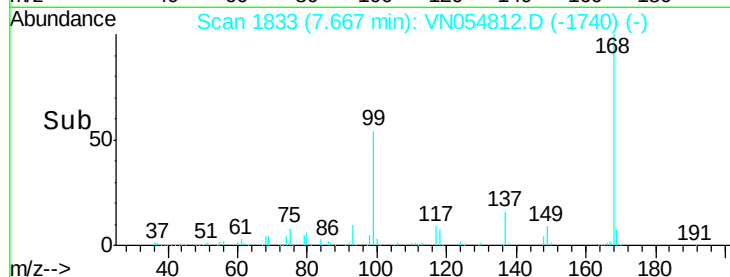
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.374 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN054812.D

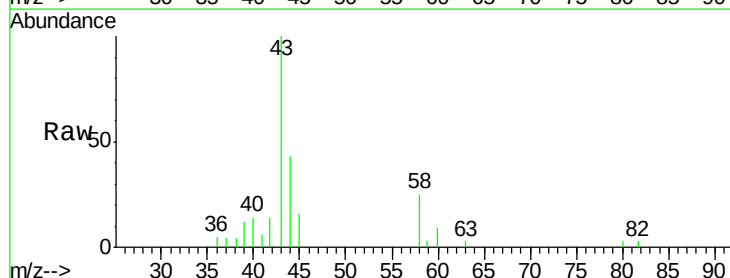
Acq: 30 Mar 2019 19:32

Tgt Ion: 43 Resp: 10988

Ion Ratio Lower Upper

43 100

58 30.1 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

6000

5000

4000

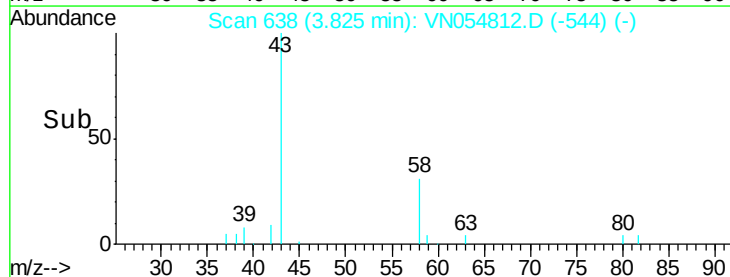
3000

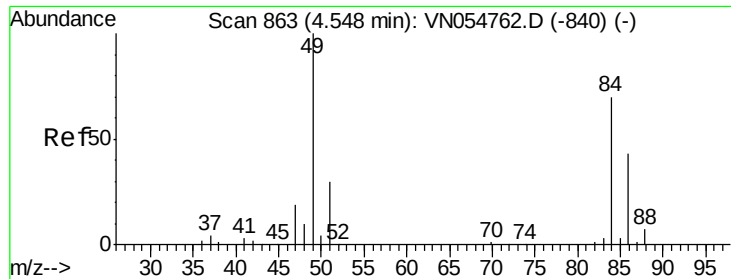
2000

1000

0

Time-->

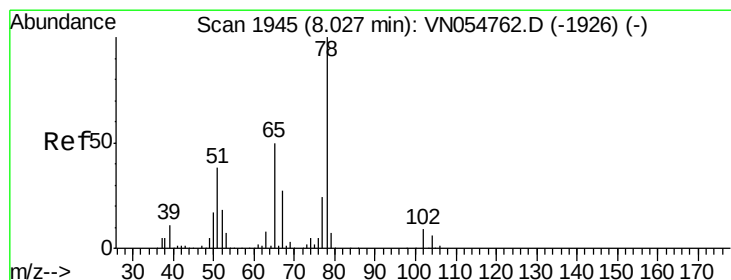
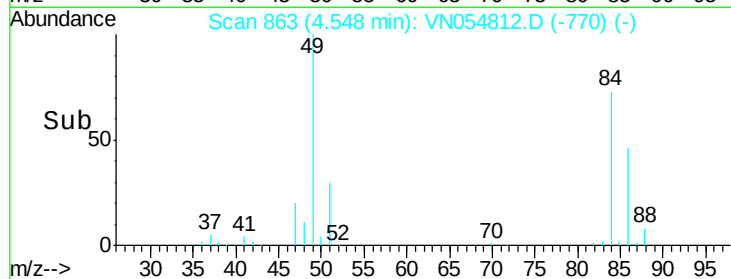
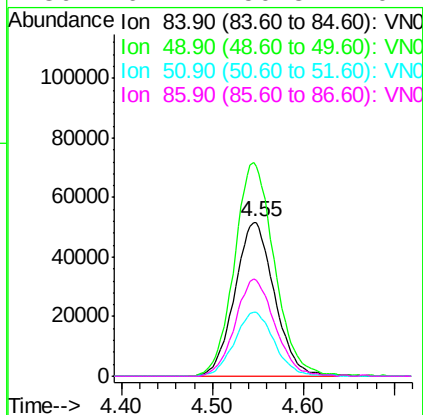
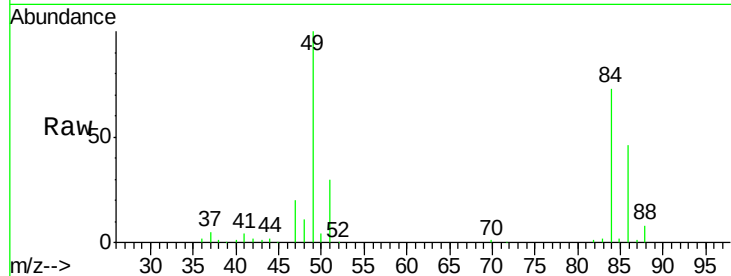




#20
Methvlene Chloride
Concen: 25.713 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.00 min
Lab File: VN054812.D
Acq: 30 Mar 2019 19:32

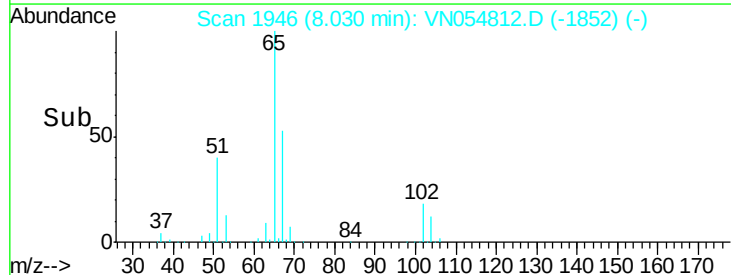
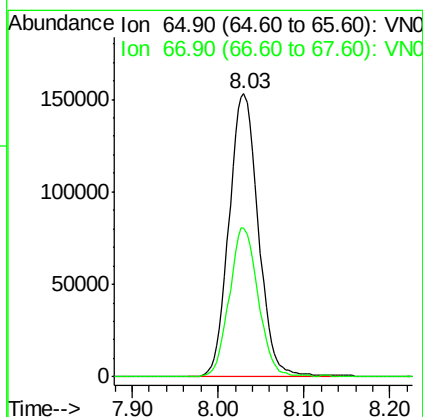
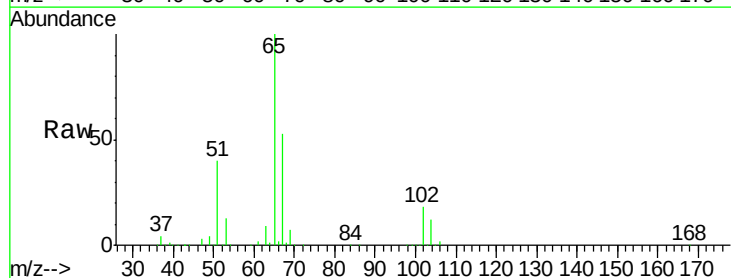
Instrument :
MSVOA_N
ClientSampled :
SOIL-COMP

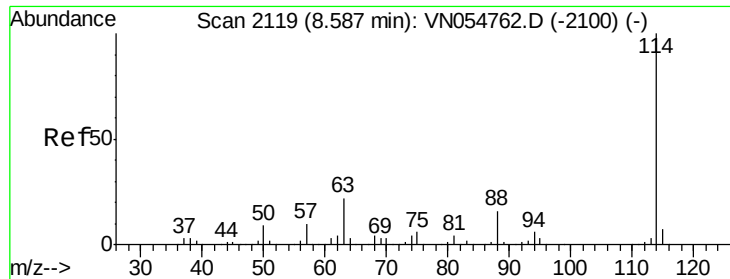
Tot Ion: 84 Resp: 156349
Ion Ratio Lower Upper
84 100
49 136.5 89.7 134.5#
51 41.5 28.2 42.4
86 62.7 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 50.214 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN054812.D
Acq: 30 Mar 2019 19:32

Tgt Ion: 65 Resp: 362983
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN054812.D

Acq: 30 Mar 2019 19:32

Instrument :

MSVOA_N

ClientSampleId :

SOIL-COMP

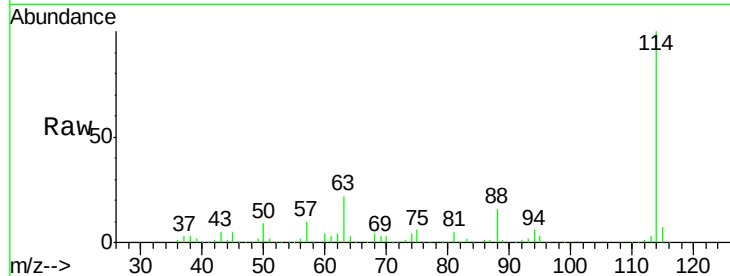
Tot Ion:114 Resp: 877497

Ion Ratio Lower Upper

114 100

63 22.1 0.0 35.2

88 15.9 0.0 30.2



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

8.59

400000

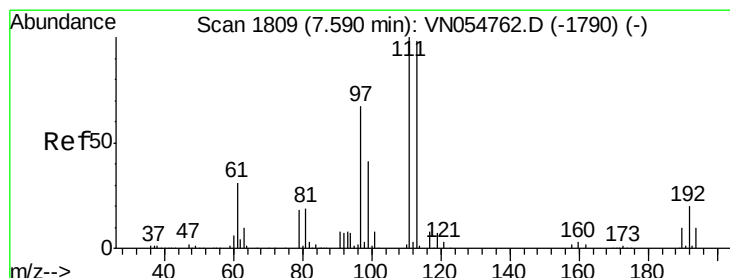
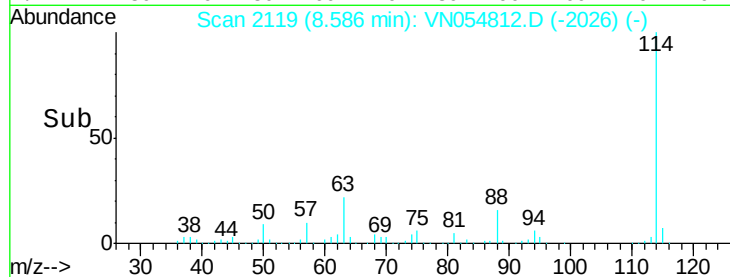
300000

200000

100000

0

Time-->



#35

Dibromofluoromethane

Concen: 48.108 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054812.D

Acq: 30 Mar 2019 19:32

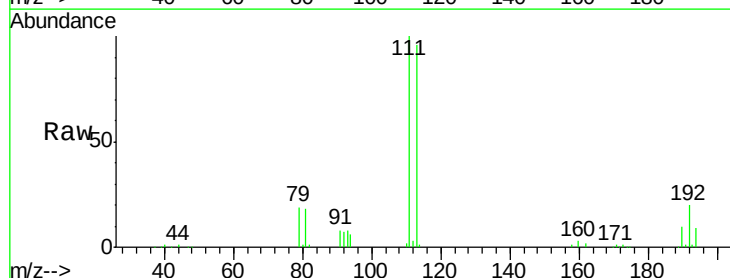
Tgt Ion:113 Resp: 281438

Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.4

192 20.3 19.2 28.8



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

7.59

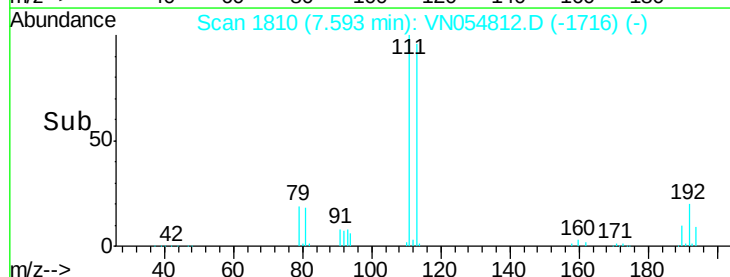
150000

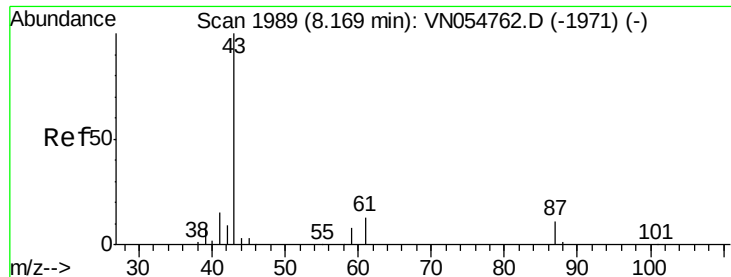
100000

50000

0

Time-->





#43

Isopropyl Acetate

Concen: 1.715 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054812.D

Acq: 30 Mar 2019 19:32

Instrument :

MSVOA_N

ClientSampleId :

SOIL-COMP

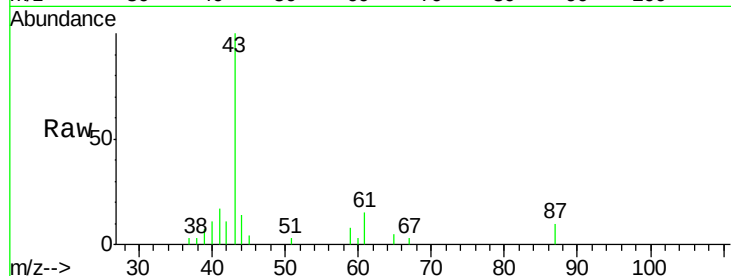
Tot Ion: 43 Resp: 16707

Ion Ratio Lower Upper

43 100

61 15.7 15.8 23.8#

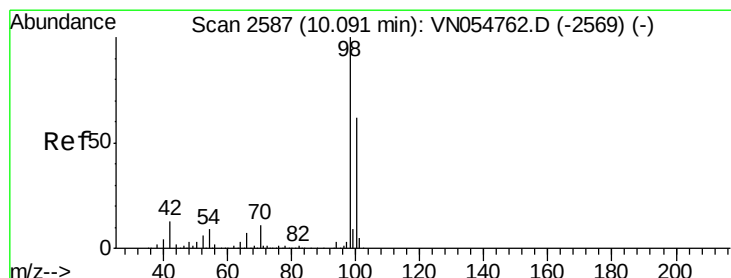
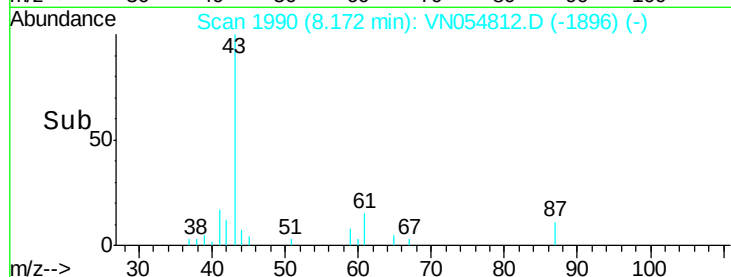
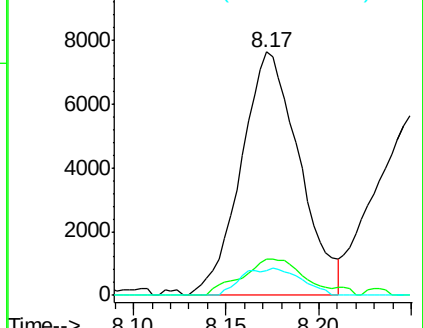
87 11.5 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 48.590 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054812.D

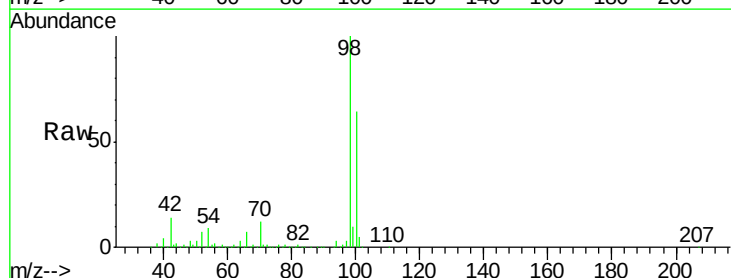
Acq: 30 Mar 2019 19:32

Tgt Ion: 98 Resp: 1056823

Ion Ratio Lower Upper

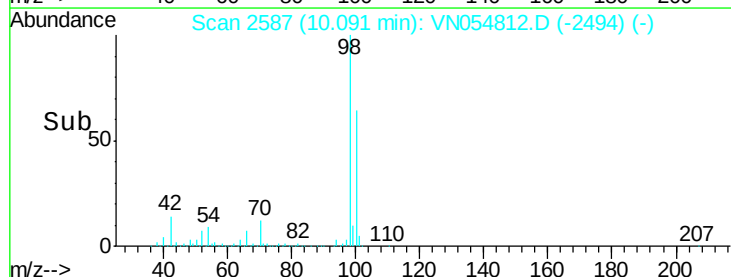
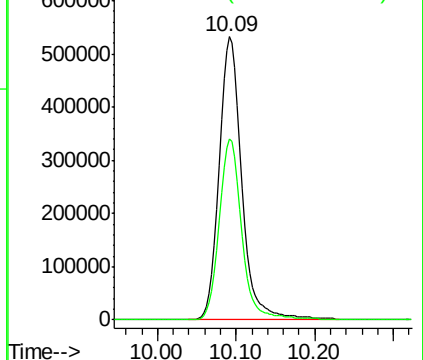
98 100

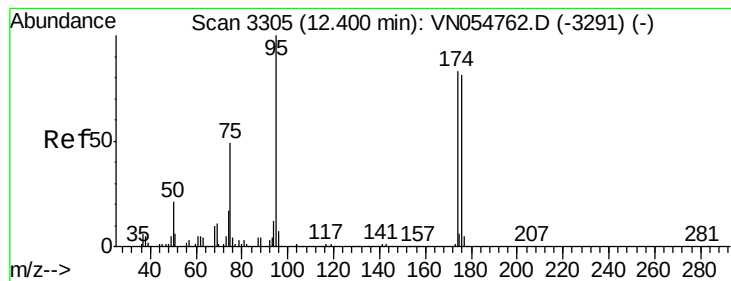
100 63.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 46.172 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054812.D

Acq: 30 Mar 2019 19:32

Instrument :

MSVOA_N

ClientSampleId :

SOIL-COMP

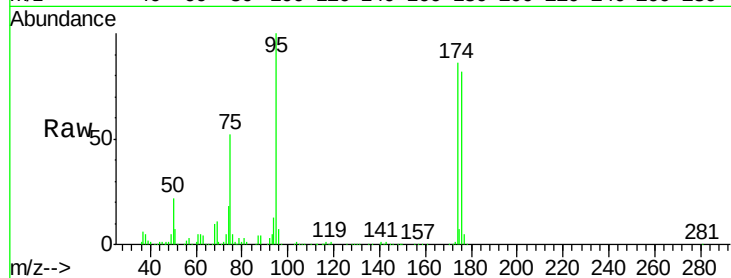
Tot Ion: 95 Resp: 333979

Ion Ratio Lower Upper

95 100

174 85.1 0.0 191.0

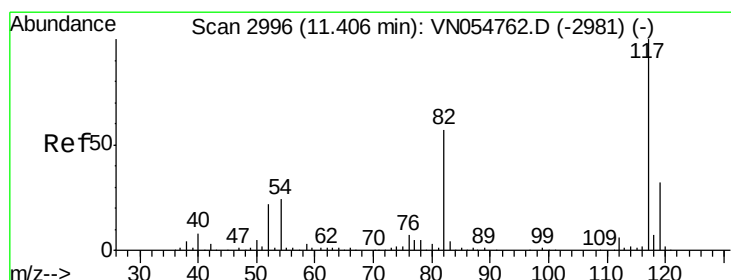
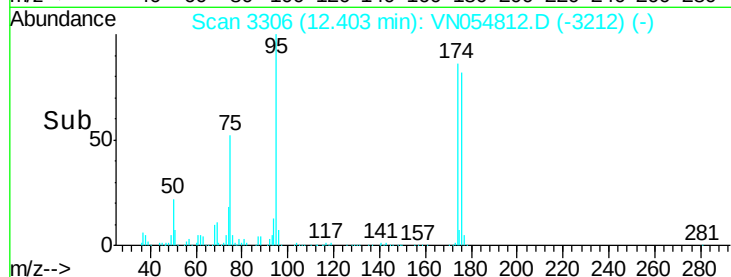
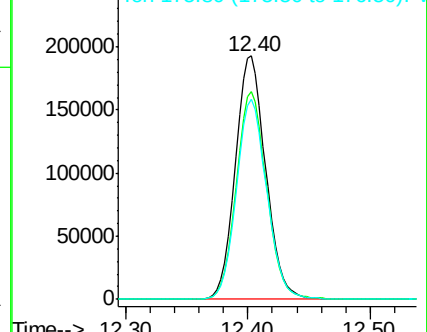
176 81.9 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054812.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN054812.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN054812.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN054812.D

Acq: 30 Mar 2019 19:32

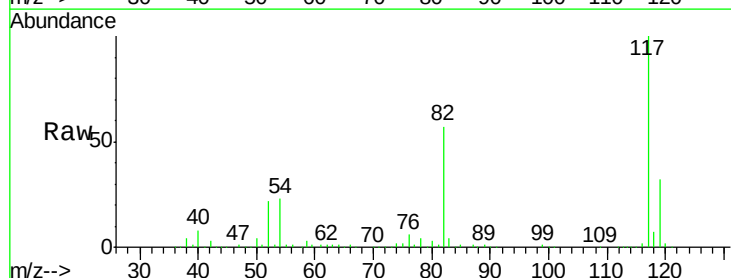
Tgt Ion: 117 Resp: 763576

Ion Ratio Lower Upper

117 100

82 56.6 40.0 60.0

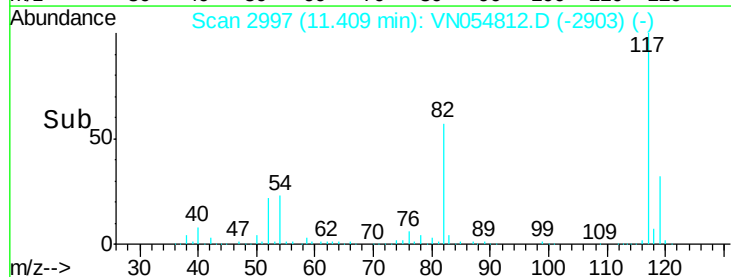
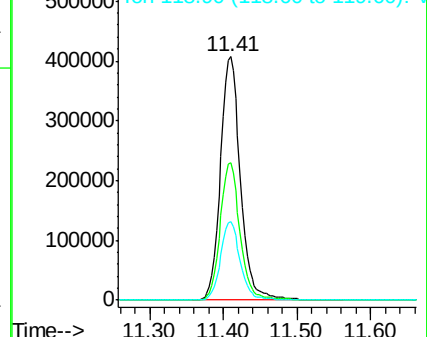
119 32.3 25.8 38.6

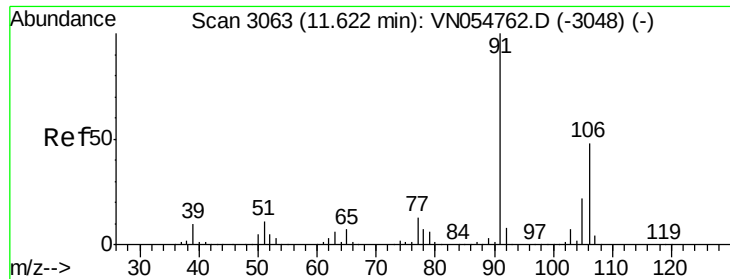


Abundance Ion 116.90 (116.60 to 117.60): VN054812.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN054812.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN054812.D (-2903) (-)





#68

m/p-Xylenes

Concen: 2.753 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN054812.D

Acq: 30 Mar 2019 19:32

Instrument :

MSVOA_N

ClientSampled :

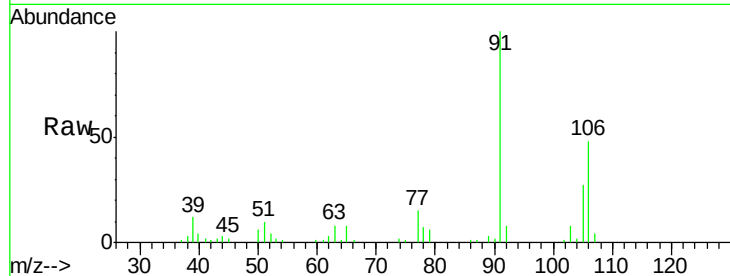
SOIL-COMP

Tot Ion:106 Resp: 27482

Ion Ratio Lower Upper

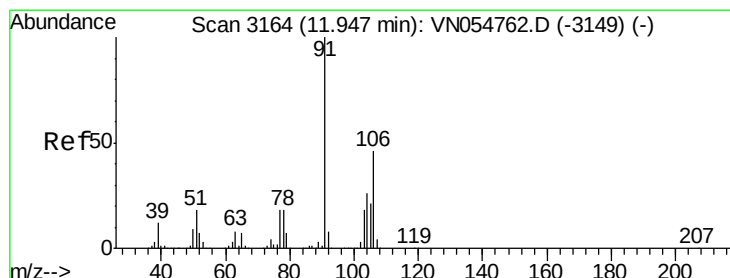
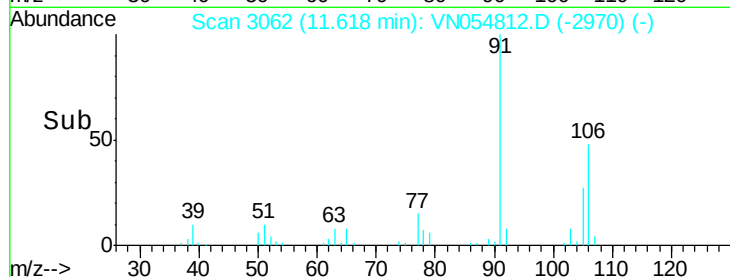
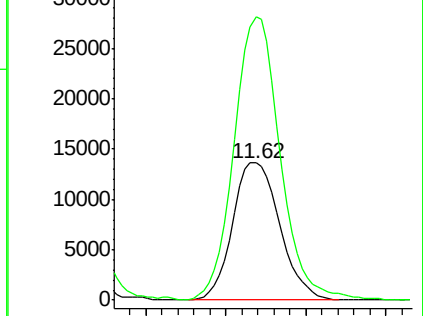
106 100

91 201.7 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#69

o-Xylene

Concen: 1.354 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. -0.00 min

Lab File: VN054812.D

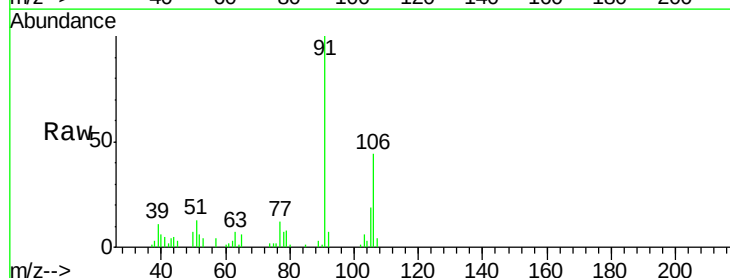
Acq: 30 Mar 2019 19:32

Tgt Ion:106 Resp: 13259

Ion Ratio Lower Upper

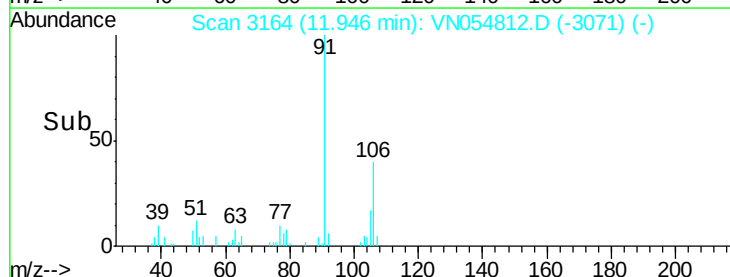
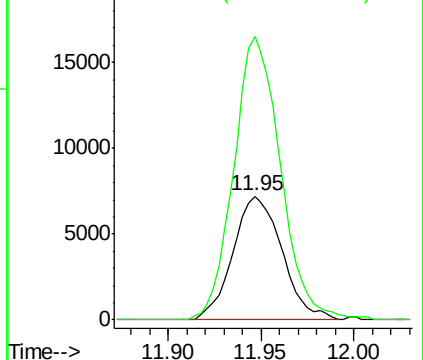
106 100

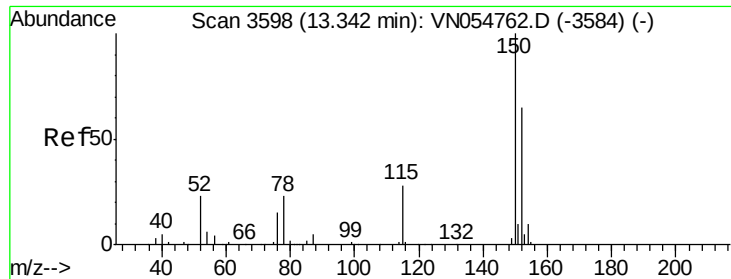
91 219.6 105.7 317.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054812.D

Acq: 30 Mar 2019 19:32

Instrument :

MSVOA_N

ClientSampled :

SOIL-COMP

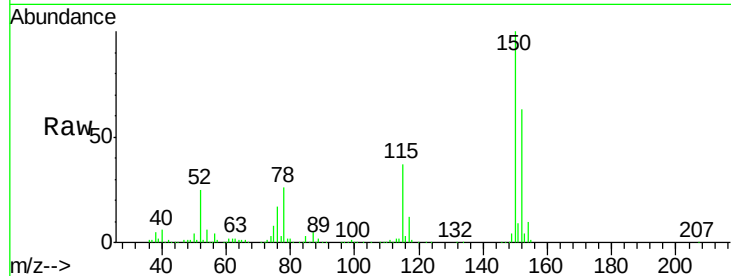
Tot Ion:152 Resp: 287041

Ion Ratio Lower Upper

152 100

115 59.9 27.2 81.6

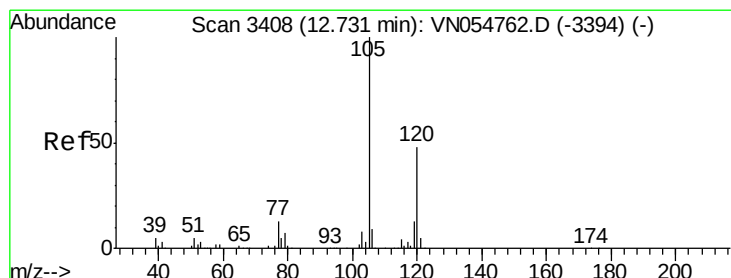
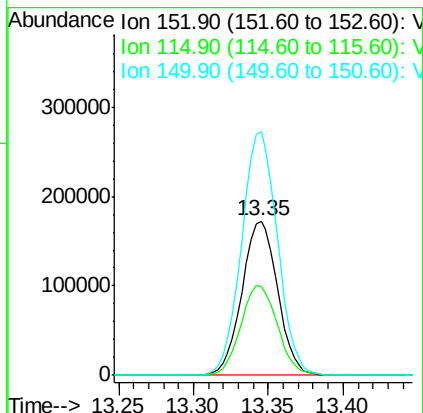
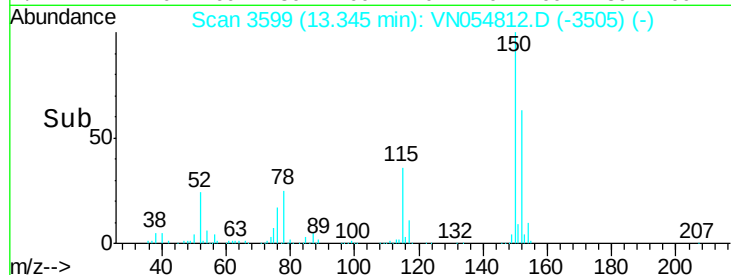
150 158.9 0.0 349.2



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



#80

1,3,5-Trimethylbenzene

Concen: 1.218 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN054812.D

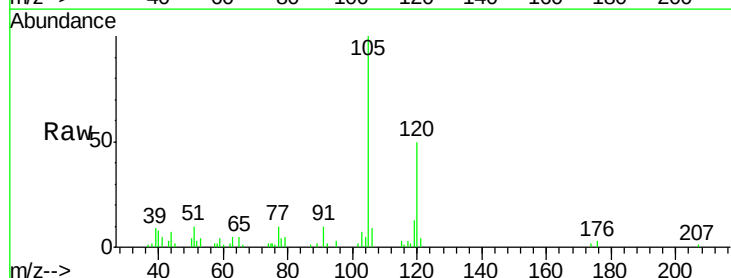
Acq: 30 Mar 2019 19:32

Tgt Ion:105 Resp: 23449

Ion Ratio Lower Upper

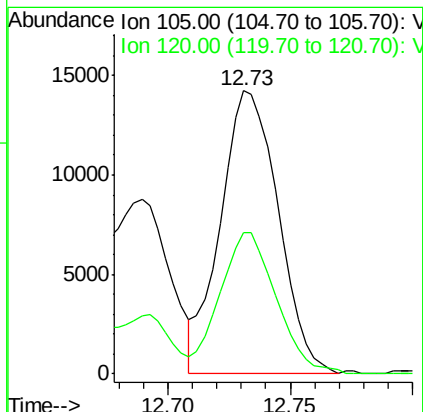
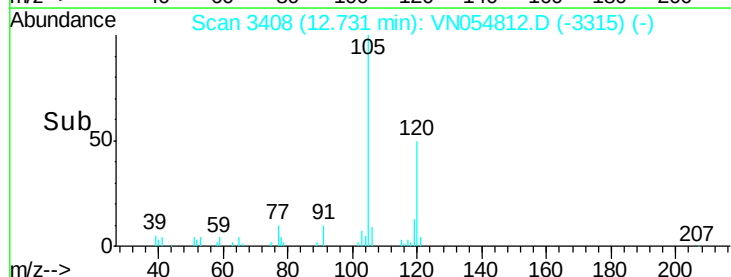
105 100

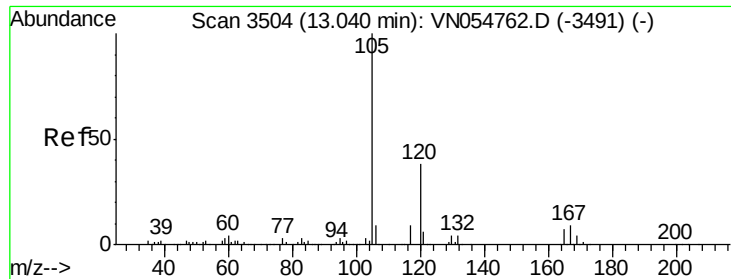
120 48.8 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

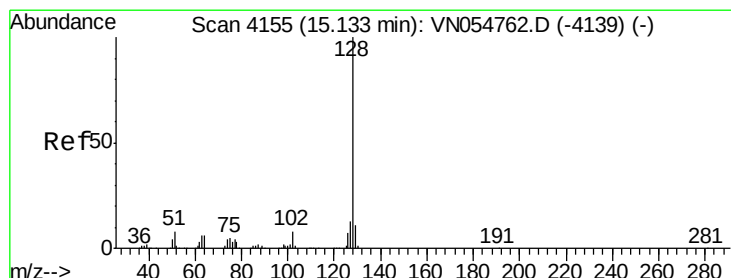
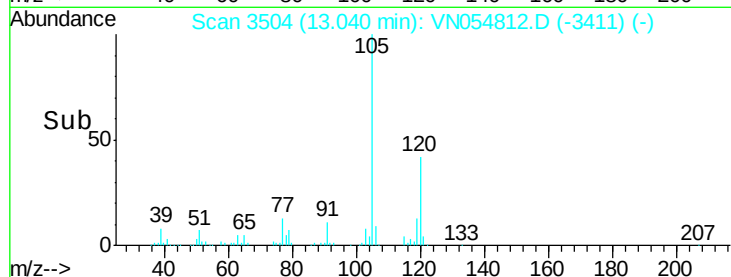
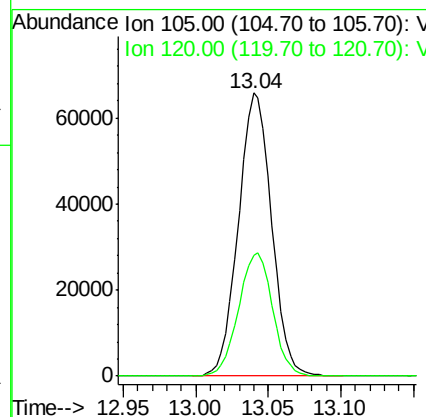
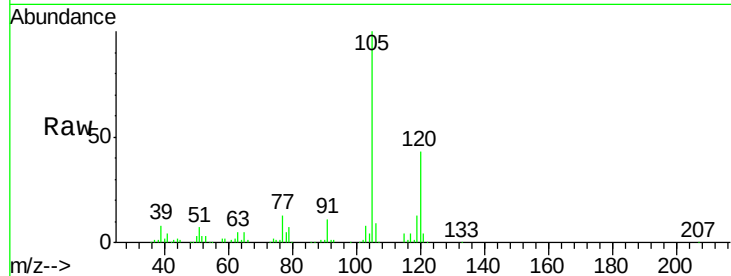




#84
 1,2,4-Trimethylbenzene
 Concen: 5.709 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN054812.D
 Acq: 30 Mar 2019 19:32

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-COMP

Tot Ion:105 Resp: 104701
 Ion Ratio Lower Upper
 105 100
 120 44.3 23.4 70.3



#95
 Naphthalene
 Concen: 1.512 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. -0.00 min
 Lab File: VN054812.D
 Acq: 30 Mar 2019 19:32

Tgt Ion:128 Resp: 15639
 Ion Ratio Lower Upper
 128 100
 127 11.1 10.1 15.1
 129 10.6 8.7 13.1

