

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021219\
 Data File : VN053726.D
 Acq On : 12 Feb 2019 13:19
 Operator : JC/SP
 Sample : K1457-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-SOIL-02

Quant Time: Feb 13 05:04:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

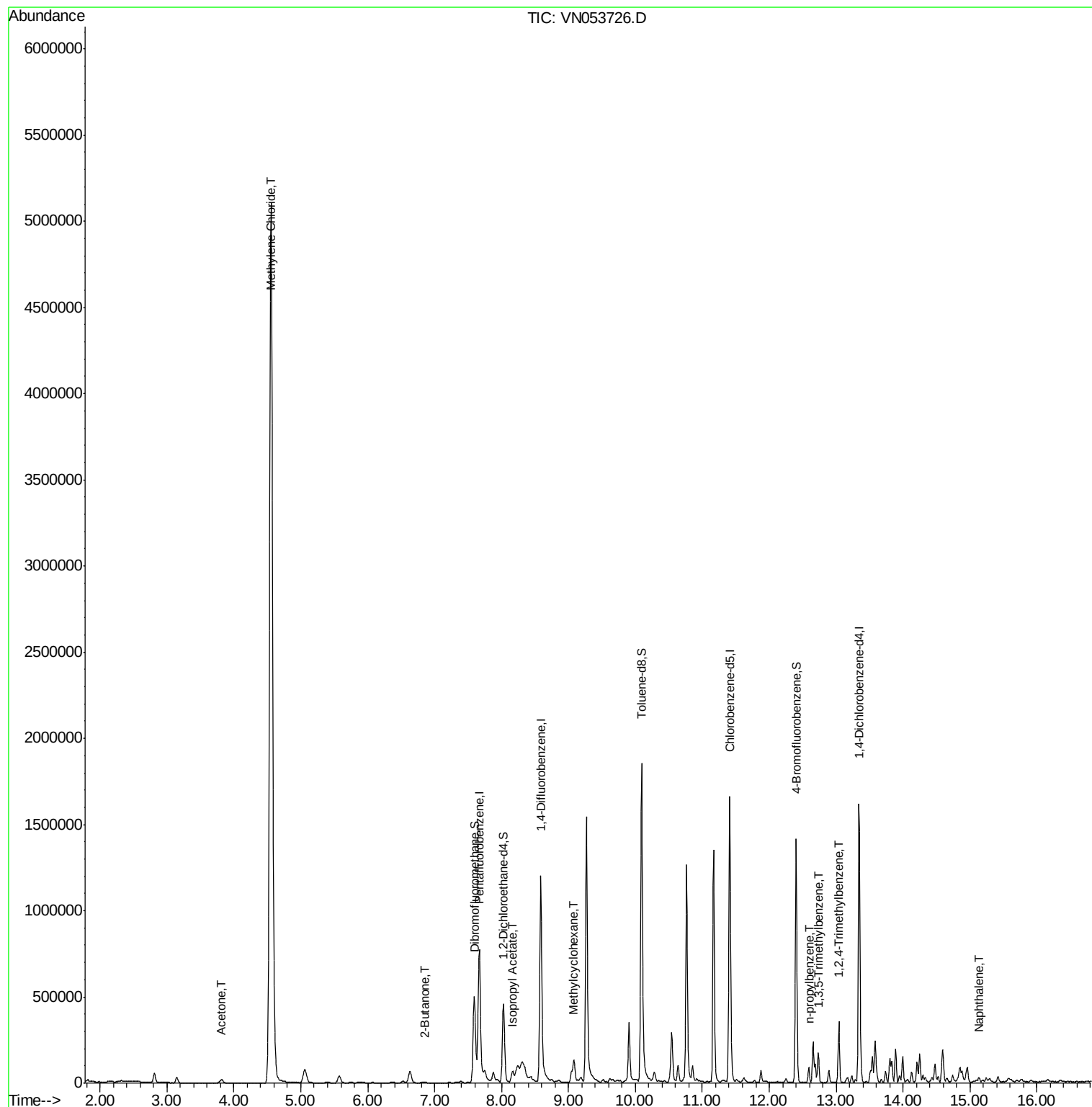
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	740443	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1226061	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1117835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	478253	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	393530	52.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.96%	
35) Dibromofluoromethane	7.59	113	387470	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.02%	
50) Toluene-d8	10.09	98	1489001	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.38%	
62) 4-Bromofluorobenzene	12.40	95	495746	51.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.20%	
Target Compounds						
					Qvalue	
16) Acetone	3.82	43	23308	12.233	ug/l #	86
20) Methylene Chloride	4.55	84	4090858	511.768	ug/l	98
25) 2-Butanone	6.85	43	5784	2.129	ug/l	91
39) Methylcyclohexane	9.08	83	62521	4.768	ug/l	95
43) Isopropyl Acetate	8.17	43	39362	3.302	ug/l #	78
78) n-propylbenzene	12.59	91	71047	1.828	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	97905	3.512	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	206557	7.272	ug/l	99
95) Naphthalene	15.13	128	22568	2.773	ug/l #	93

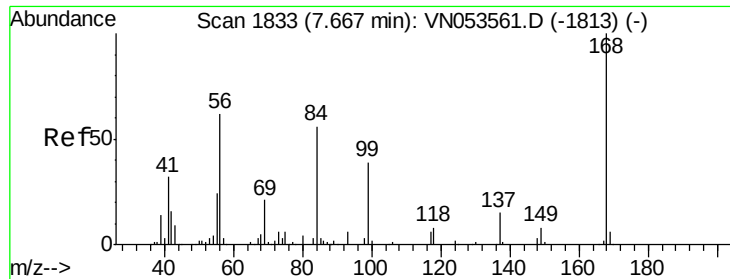
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021219\
Data File : VN053726.D
Acq On : 12 Feb 2019 13:19
Operator : JC/SP
Sample : K1457-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IDW-SOIL-02

Quant Time: Feb 13 05:04:41 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 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: VN053726.D

Acq: 12 Feb 2019 13:19

Instrument :

MSVOA_N

ClientSampled :

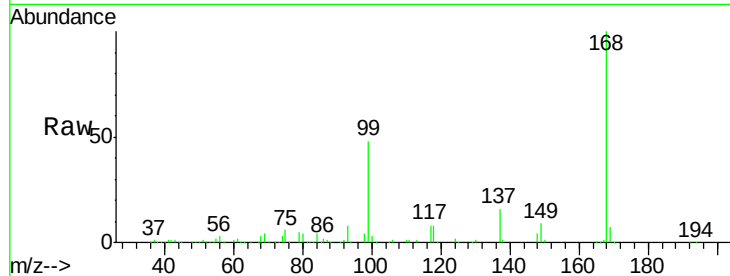
IDW-SOIL-02

Tot Ion:168 Resp: 740443

Ion Ratio Lower Upper

168 100

99 48.3 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053726.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053726.D (-1740) (-)

7.67

300000

250000

200000

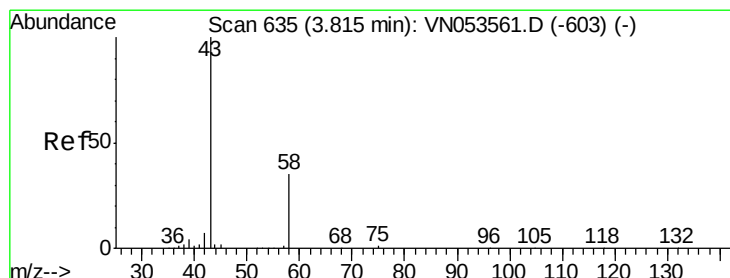
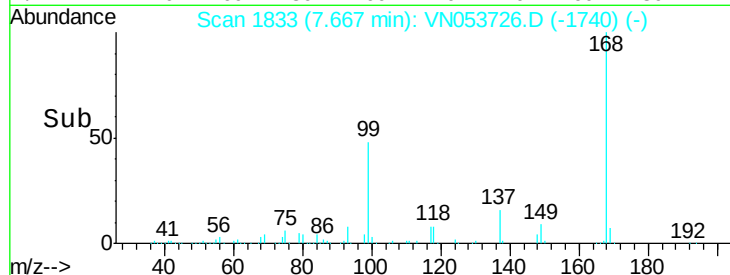
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 12.233 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053726.D

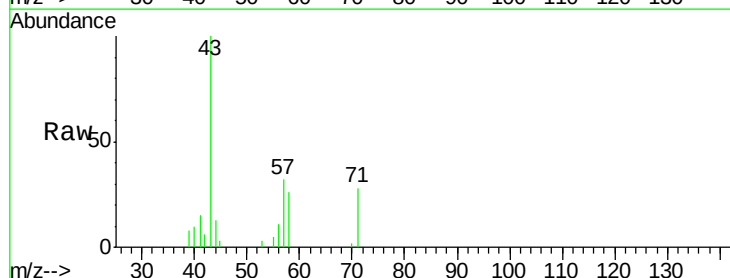
Acq: 12 Feb 2019 13:19

Tgt Ion: 43 Resp: 23308

Ion Ratio Lower Upper

43 100

58 25.7 27.1 40.7#



Abundance Ion 43.00 (42.70 to 43.70): VN053726.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN053726.D (-542) (-)

3.82

8000

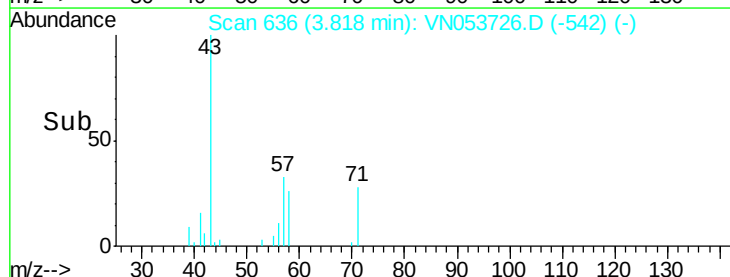
6000

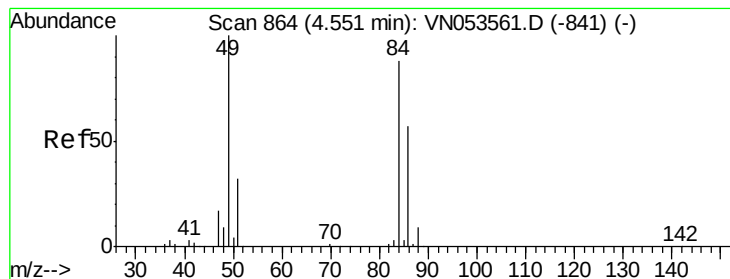
4000

2000

0

Time-->





#20

Methvlene Chloride

Concen: 511.768 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN053726.D

Acq: 12 Feb 2019 13:19

Instrument :

MSVOA_N

ClientSampled :

IDW-SOIL-02

Tot Ion: 84 Resp: 4090858

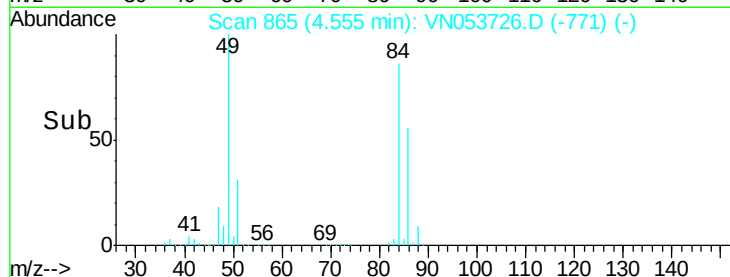
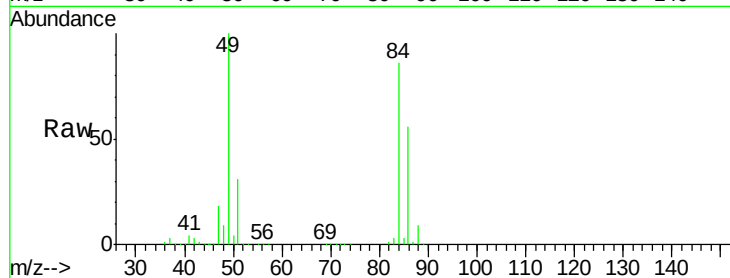
Ion Ratio Lower Upper

84 100

49 115.6 94.3 141.5

51 36.0 29.4 44.2

86 64.9 51.4 77.0

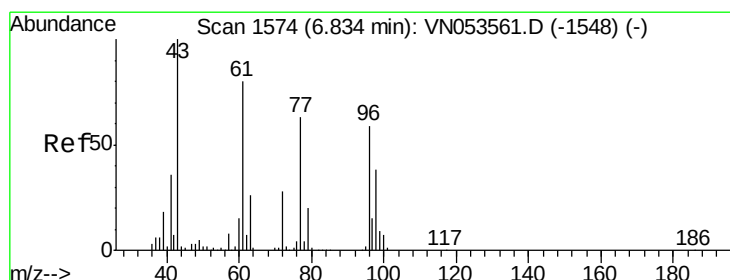
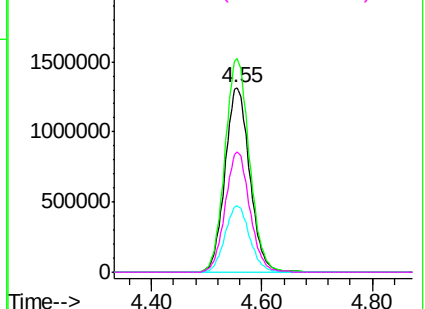


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 2.129 ug/l

RT: 6.85 min Scan# 1580

Delta R.T. 0.02 min

Lab File: VN053726.D

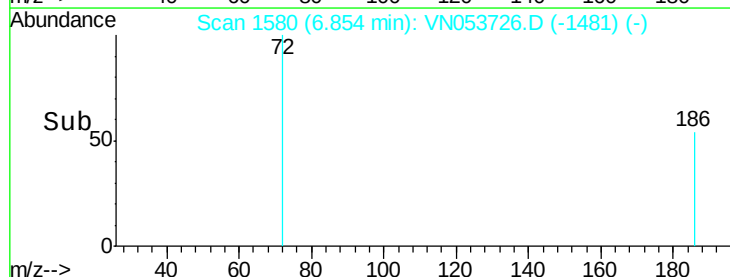
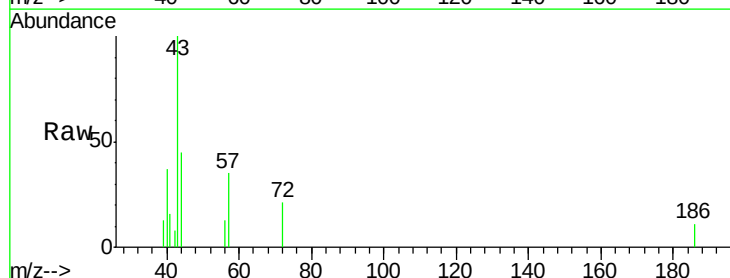
Acq: 12 Feb 2019 13:19

Tgt Ion: 43 Resp: 5784

Ion Ratio Lower Upper

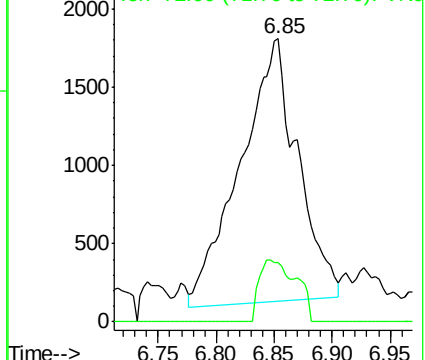
43 100

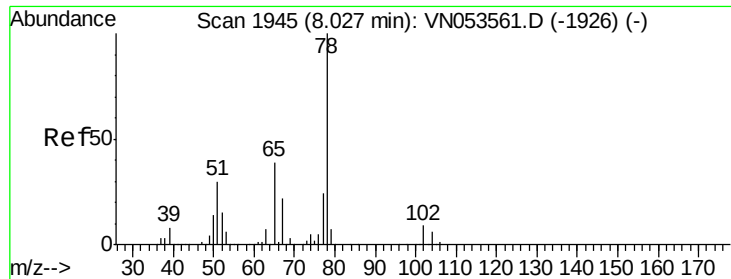
72 23.0 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

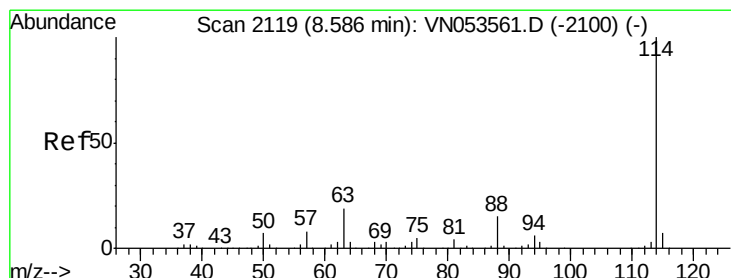
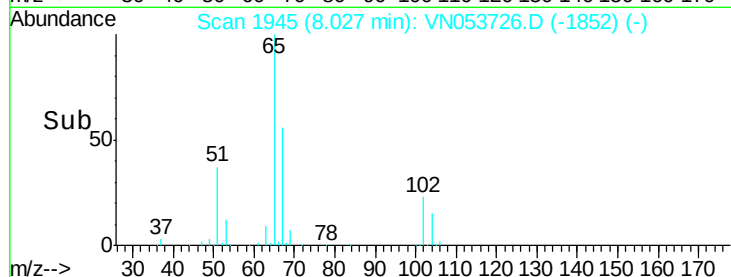
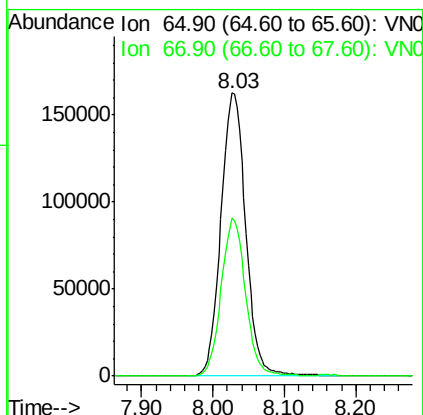
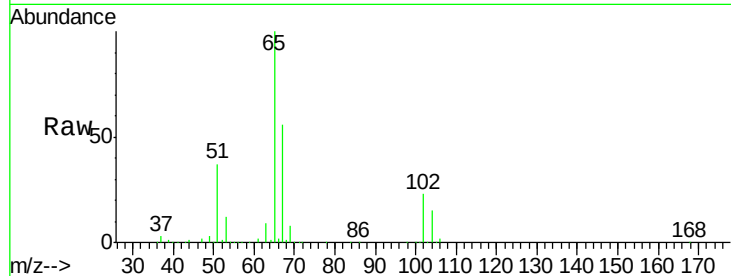




#33
 1,2-Dichloroethane-d4
 Concen: 52.979 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053726.D
 Acq: 12 Feb 2019 13:19

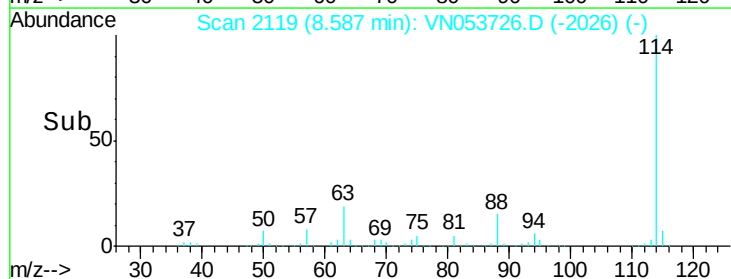
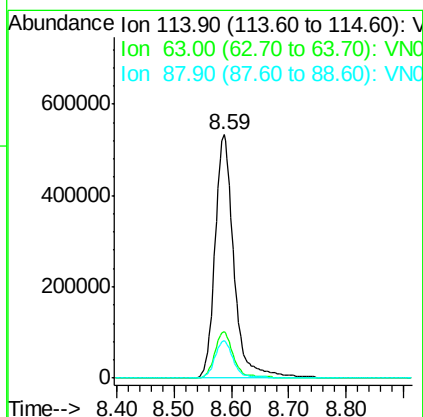
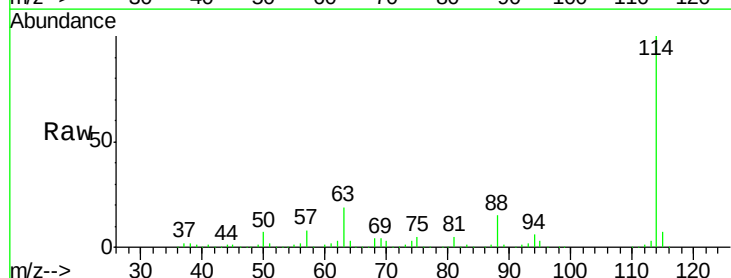
Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-SOIL-02

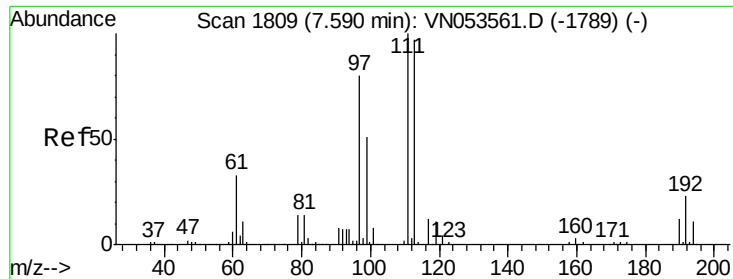
Tot Ion: 65 Resp: 393530
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053726.D
 Acq: 12 Feb 2019 13:19

Tgt Ion: 114 Resp: 1226061
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.6
 88 15.4 0.0 30.4

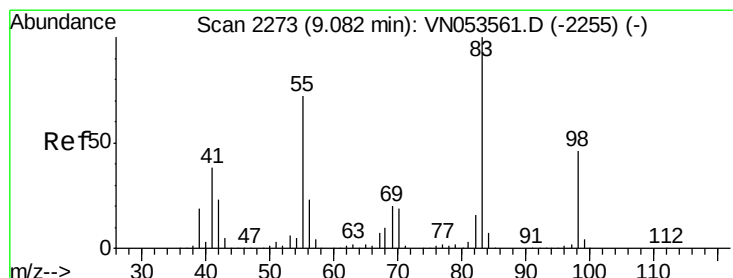
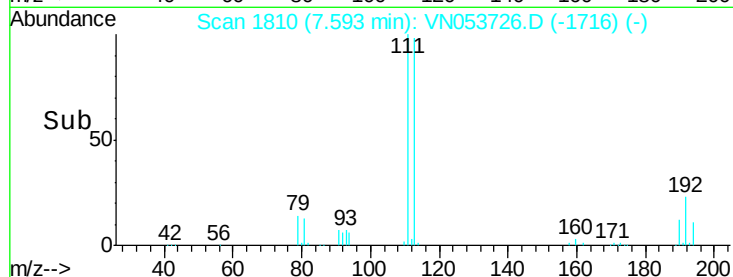
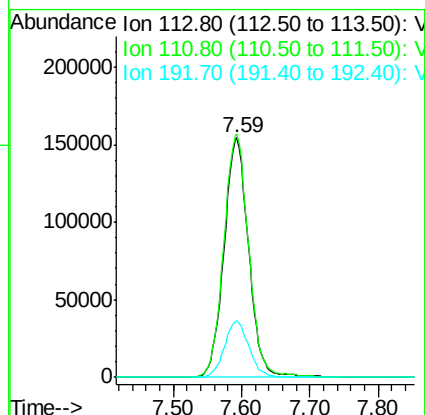
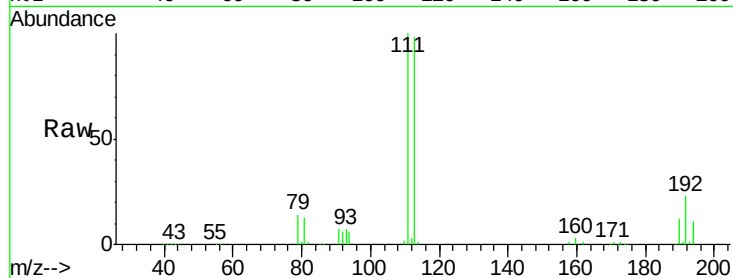




#35
 Dibromofluoromethane
 Concen: 50.015 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053726.D
 Acq: 12 Feb 2019 13:19

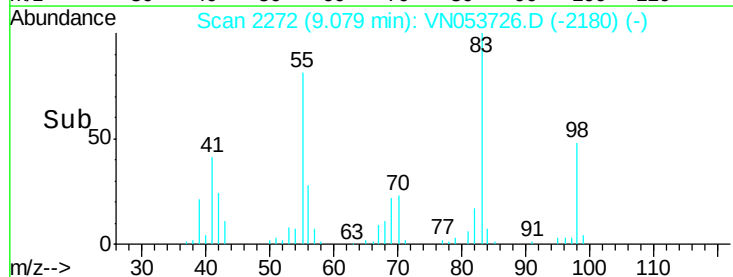
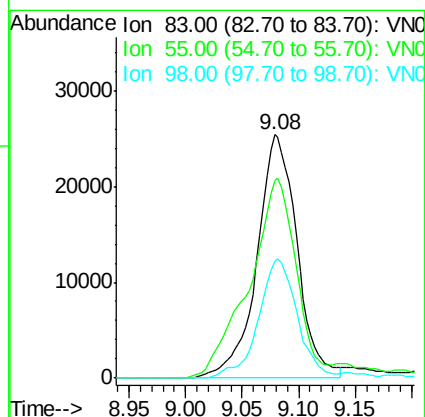
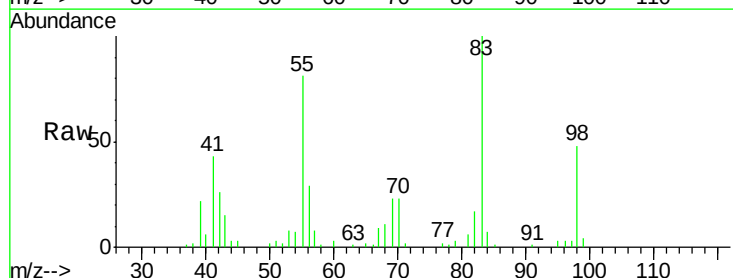
Instrument :
 MSVOA_N
 ClientSampled :
 IDW-SOIL-02

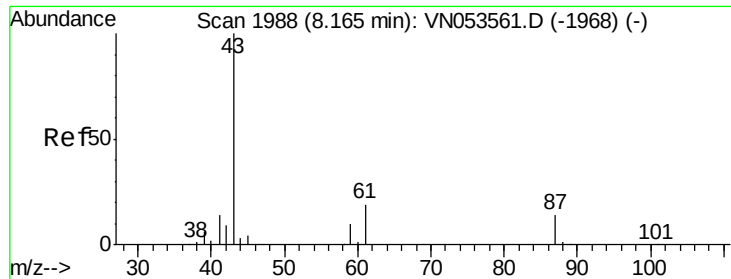
Tot Ion:113 Resp: 387470
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.1 121.7
 192 23.5 18.2 27.2



#39
 Methylcyclohexane
 Concen: 4.768 ug/l
 RT: 9.08 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: VN053726.D
 Acq: 12 Feb 2019 13:19

Tgt Ion: 83 Resp: 62521
 Ion Ratio Lower Upper
 83 100
 55 80.4 60.1 90.1
 98 47.8 36.6 55.0





#43

Isopropyl Acetate

Concen: 3.302 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN053726.D

Acq: 12 Feb 2019 13:19

Instrument :

MSVOA_N

ClientSampled :

IDW-SOIL-02

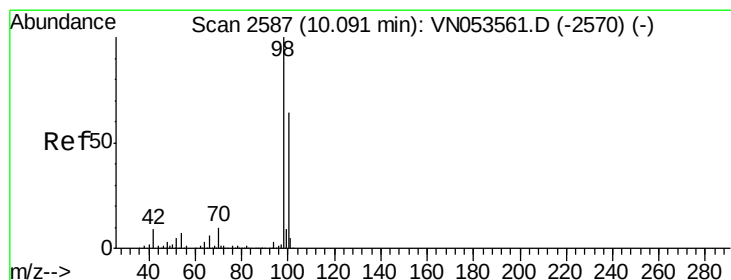
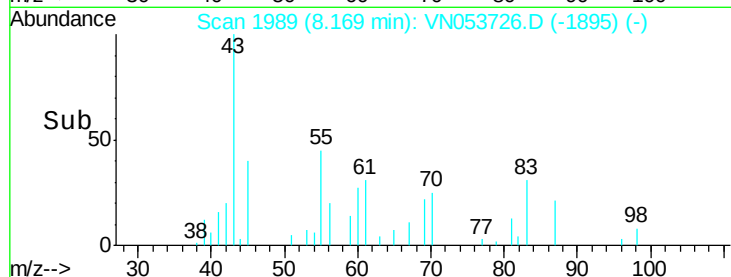
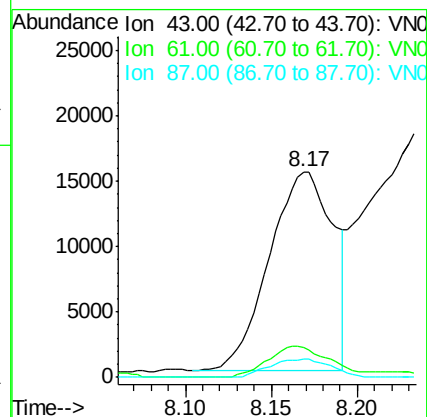
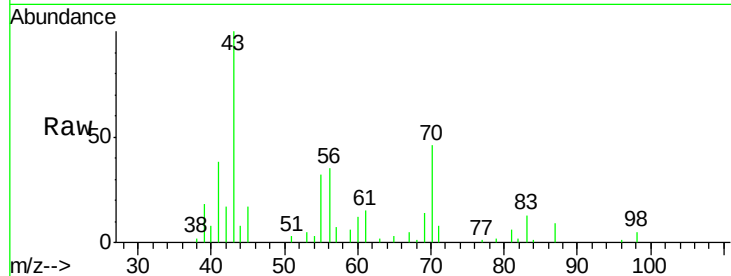
Tot Ion: 43 Resp: 39362

Ion Ratio Lower Upper

43 100

61 15.6 23.9 35.9#

87 8.7 11.0 16.6#



#50

Toluene-d8

Concen: 51.188 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053726.D

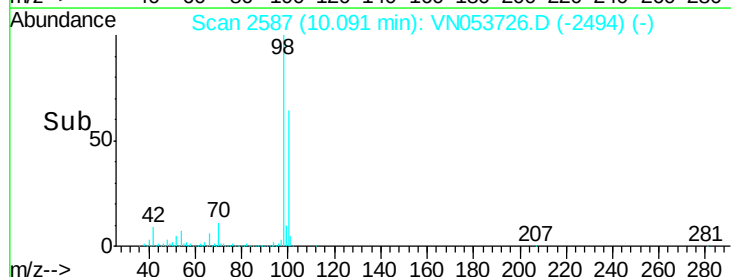
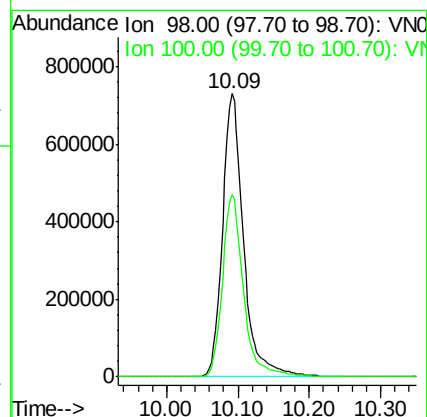
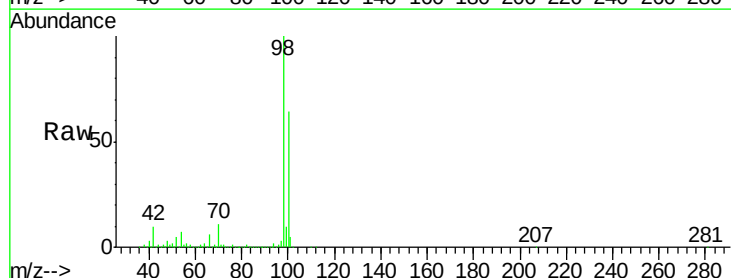
Acq: 12 Feb 2019 13:19

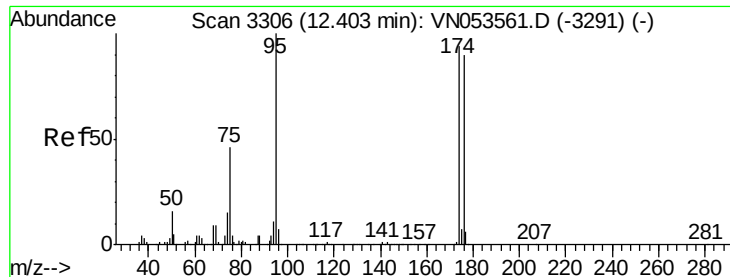
Tgt Ion: 98 Resp: 1489001

Ion Ratio Lower Upper

98 100

100 64.5 51.4 77.0

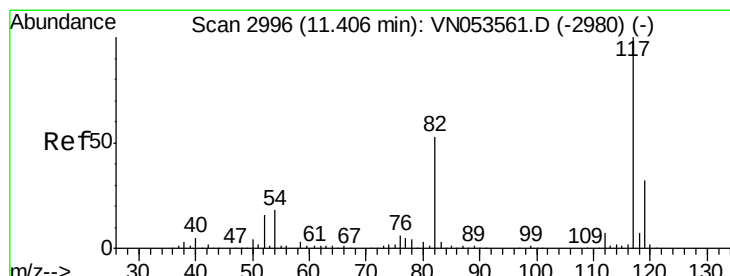
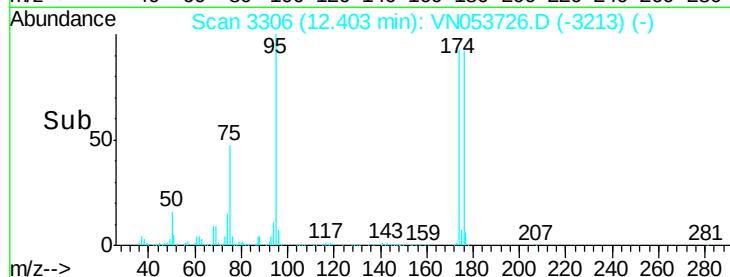
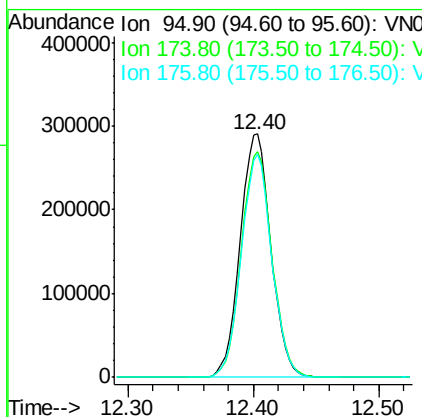
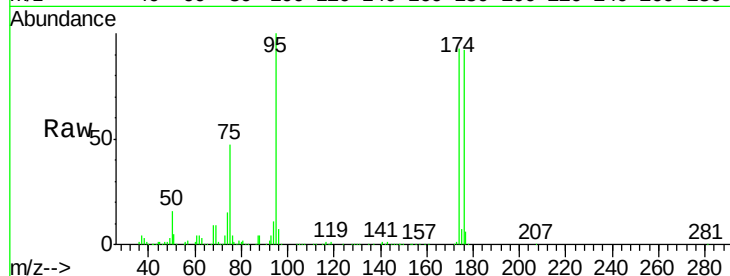




#62
4-Bromofluorobenzene
Concen: 51.099 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053726.D
Acq: 12 Feb 2019 13:19

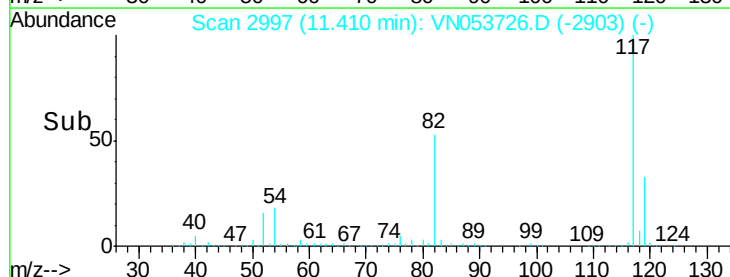
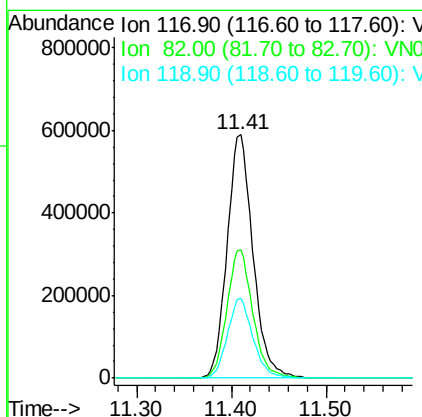
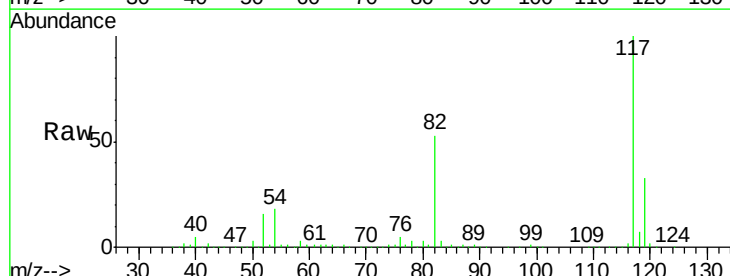
Instrument :
MSVOA_N
ClientSampleId :
IDW-SOIL-02

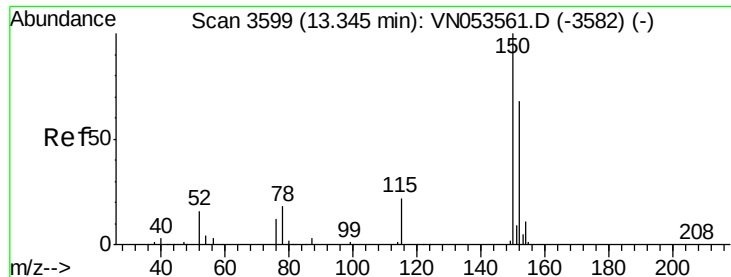
Tot Ion: 95 Resp: 495746
Ion Ratio Lower Upper
95 100
174 92.9 0.0 183.2
176 90.5 0.0 177.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053726.D
Acq: 12 Feb 2019 13:19

Tgt Ion: 117 Resp: 1117835
Ion Ratio Lower Upper
117 100
82 52.8 42.9 64.3
119 32.5 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053726.D

Acq: 12 Feb 2019 13:19

Instrument :

MSVOA_N

ClientSampled :

IDW-SOIL-02

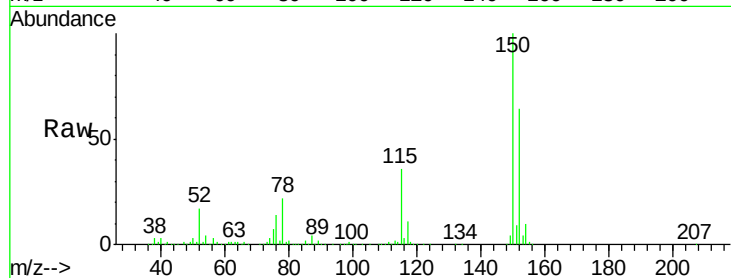
Tot Ion:152 Resp: 478253

Ion Ratio Lower Upper

152 100

115 55.7 27.8 83.4

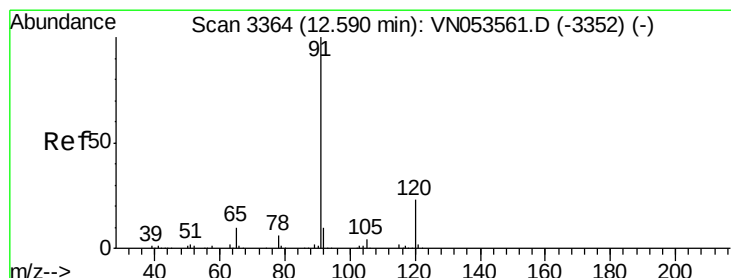
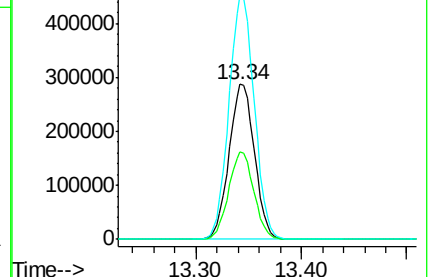
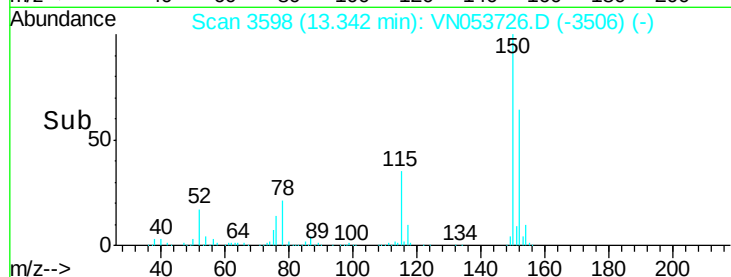
150 156.6 0.0 349.0



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



#78

n-propylbenzene

Concen: 1.828 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN053726.D

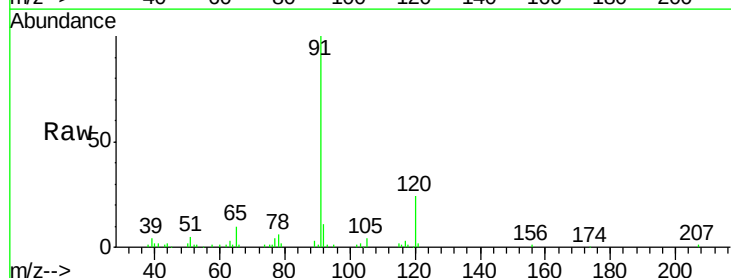
Acq: 12 Feb 2019 13:19

Tgt Ion: 91 Resp: 71047

Ion Ratio Lower Upper

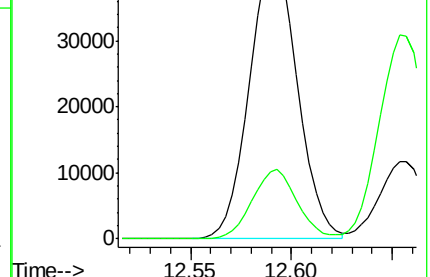
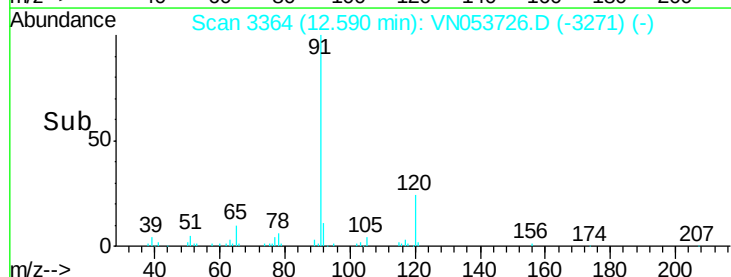
91 100

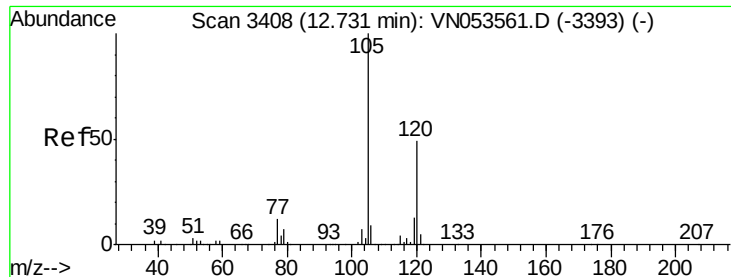
120 23.2 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

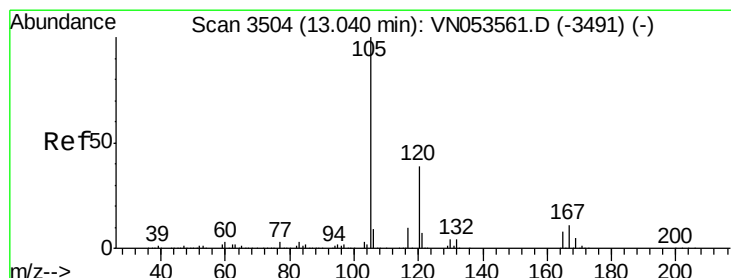
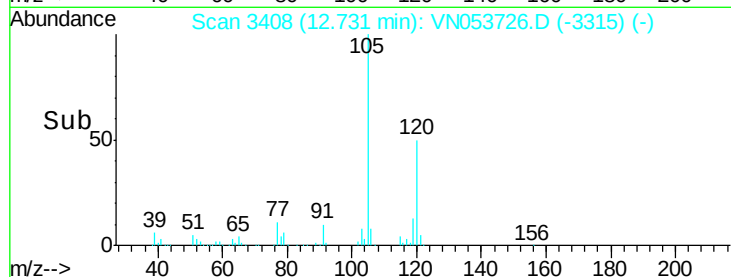
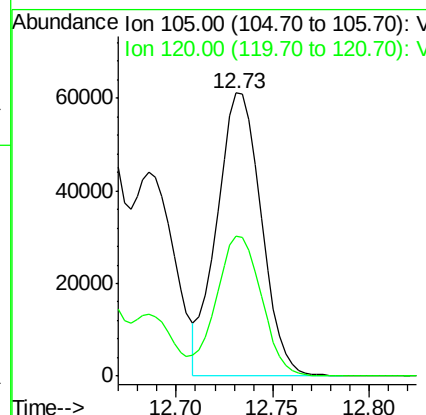
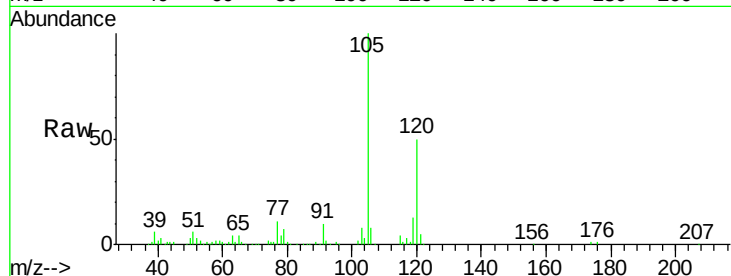




#80
 1,3,5-Trimethylbenzene
 Concen: 3.512 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN053726.D
 Acq: 12 Feb 2019 13:19

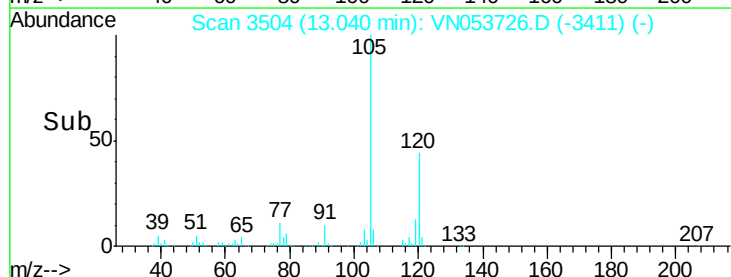
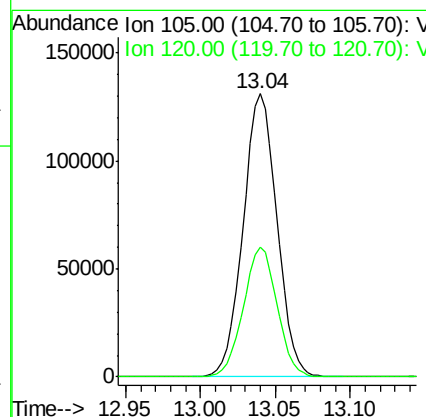
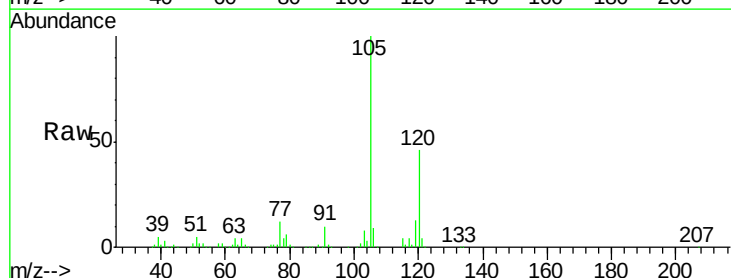
Instrument :
 MSVOA_N
 ClientSampled :
 IDW-SOIL-02

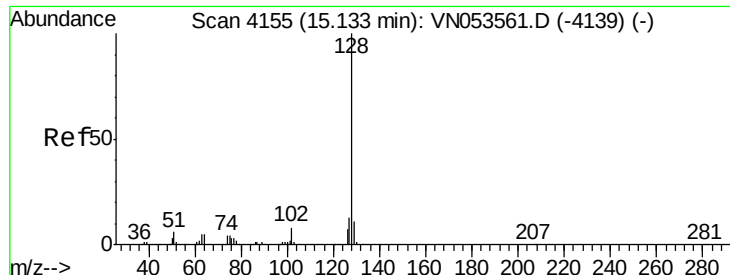
Tot Ion:105 Resp: 97905
 Ion Ratio Lower Upper
 105 100
 120 50.7 24.9 74.6



#84
 1,2,4-Trimethylbenzene
 Concen: 7.272 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053726.D
 Acq: 12 Feb 2019 13:19

Tgt Ion:105 Resp: 206557
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.0 69.0

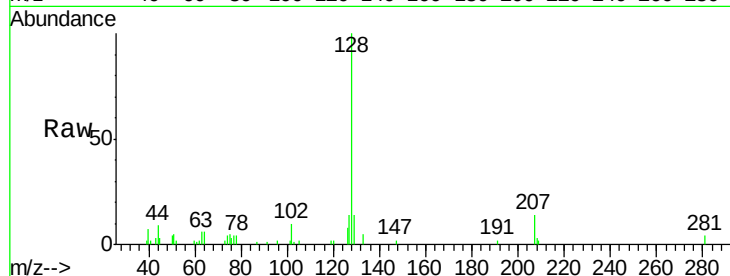




#95
Naphthalene
Concen: 2.773 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053726.D
Acq: 12 Feb 2019 13:19

Instrument :
MSVOA_N
ClientSampleId :
IDW-SOIL-02

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.8	10.3	15.5
129	14.5	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

