

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062419\
 Data File : VN056463.D
 Acq On : 24 Jun 2019 18:07
 Operator : JC/SP
 Sample : K3475-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOILS-1

Quant Time: Jun 25 02:29:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

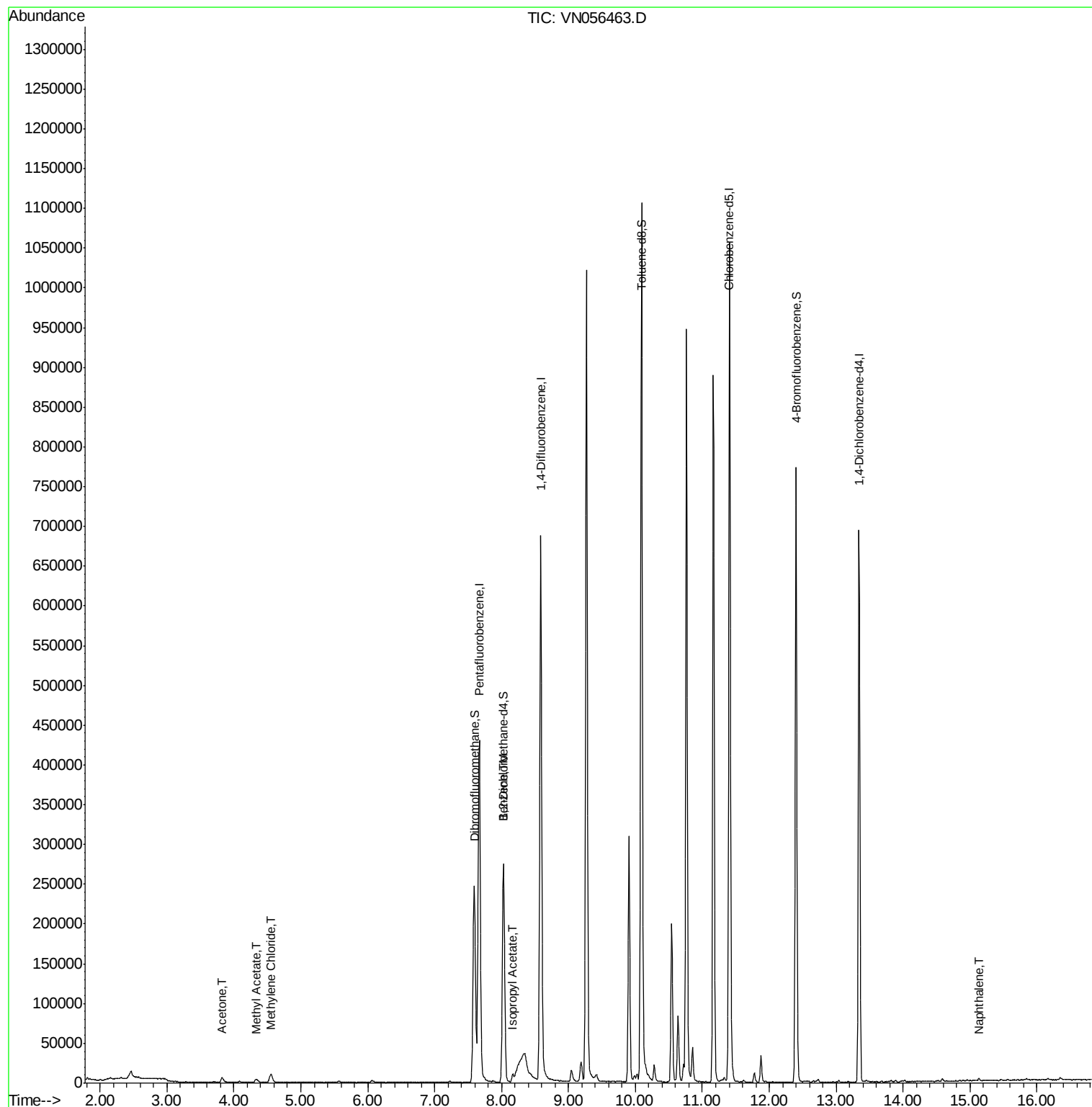
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	396645	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	670670	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	667526	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	203263	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	219741	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
35) Dibromofluoromethane	7.59	113	192733	46.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.14%	
50) Toluene-d8	10.09	98	830430	51.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.02%	
62) 4-Bromofluorobenzene	12.40	95	275085	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
Target Compounds						
16) Acetone	3.82	43	11769	5.344	ug/l	97
18) Methyl Acetate	4.33	43	9430	1.342	ug/l #	80
20) Methylene Chloride	4.55	84	7773	1.000	ug/l	98
40) Benzene	8.04	78	23951	1.319	ug/l	95
43) Isopropyl Acetate	8.17	43	12325	1.378	ug/l #	92
95) Naphthalene	15.14	128	3068	5.540	ug/l #	94

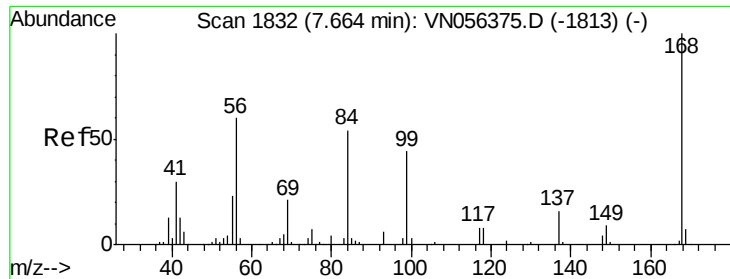
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jun 21 03:45:40 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: VN056463.D

Acq: 24 Jun 2019 18:07

Instrument :

MSVOA_N

ClientSampleId :

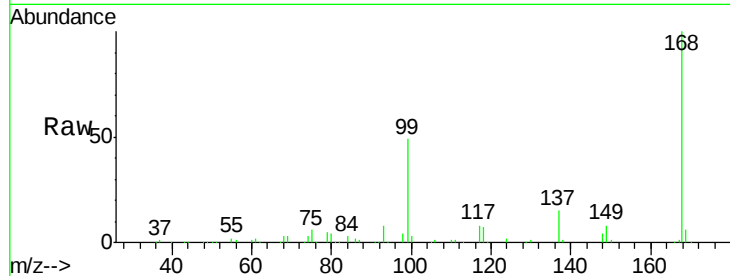
SOILS-1

Tot Ion:168 Resp: 396645

Ion Ratio Lower Upper

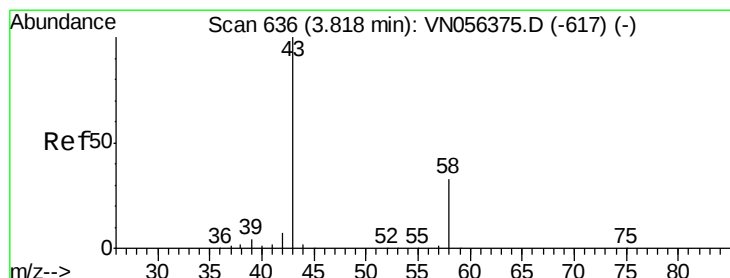
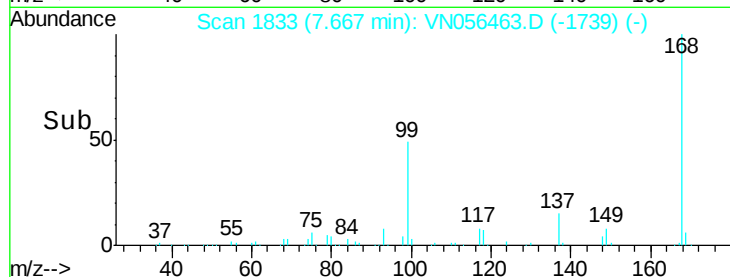
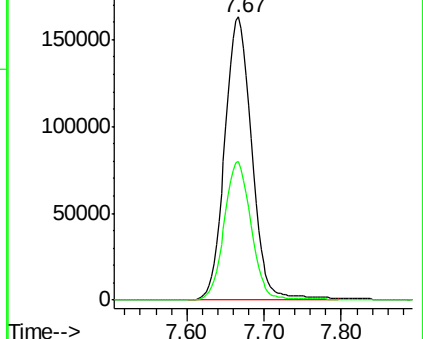
168 100

99 48.8 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 5.344 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056463.D

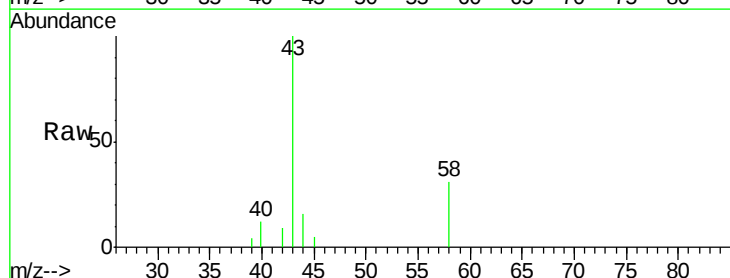
Acq: 24 Jun 2019 18:07

Tgt Ion: 43 Resp: 11769

Ion Ratio Lower Upper

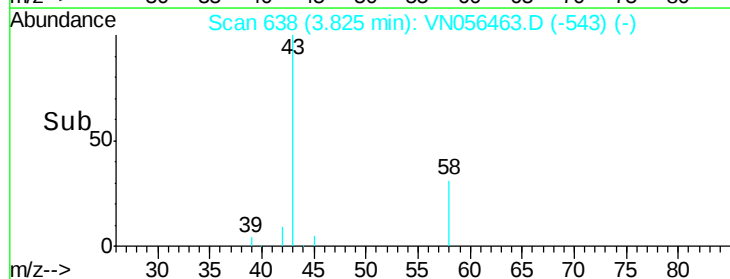
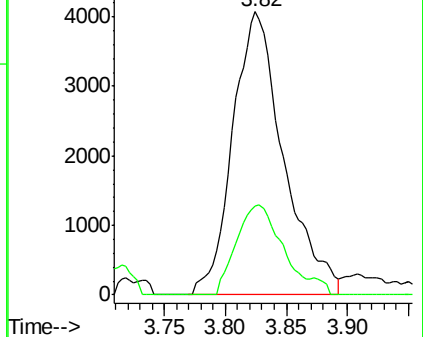
43 100

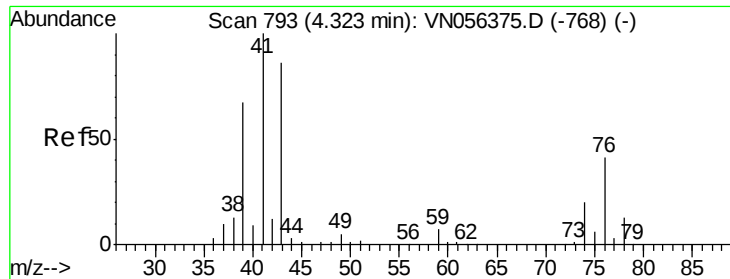
58 31.4 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

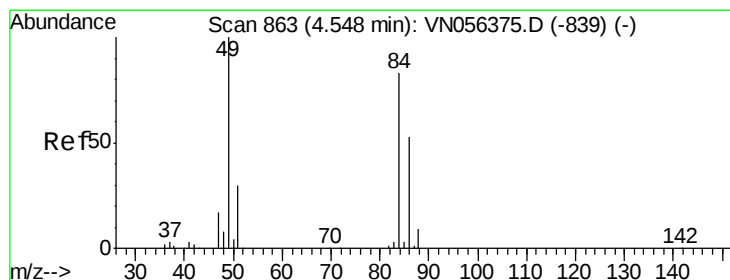
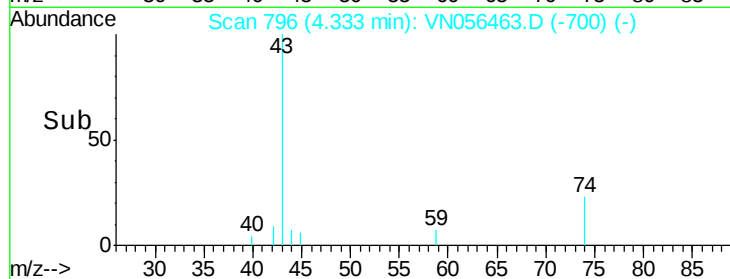
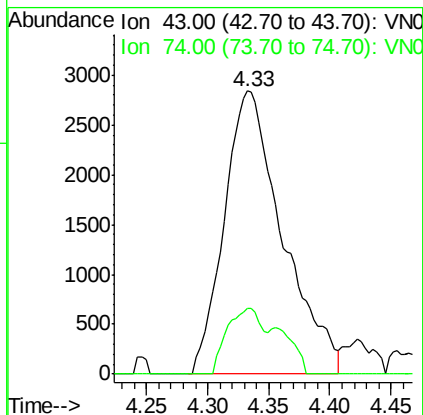
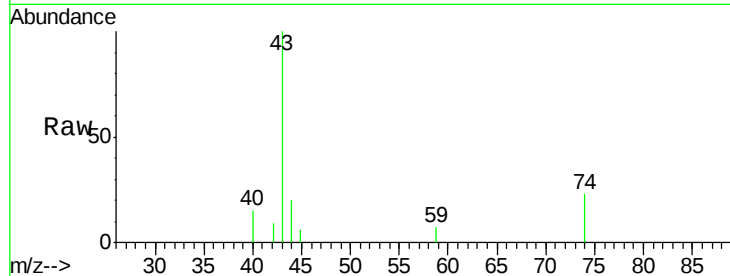




#18
Methyl Acetate
Concen: 1.342 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN056463.D
Acq: 24 Jun 2019 18:07

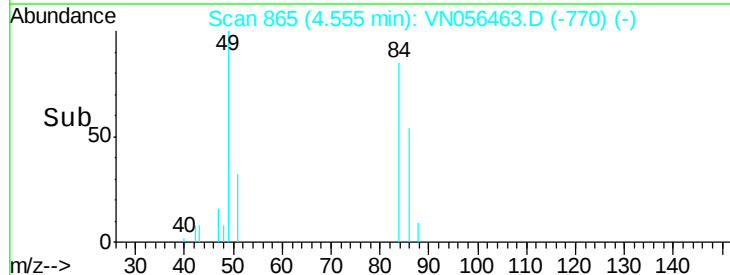
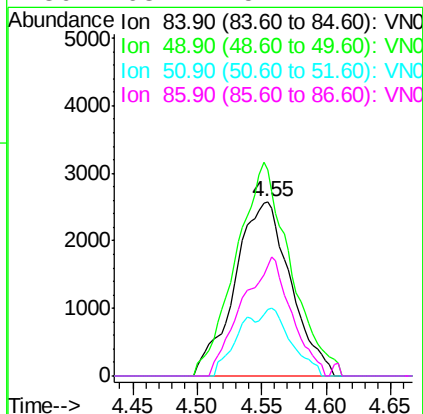
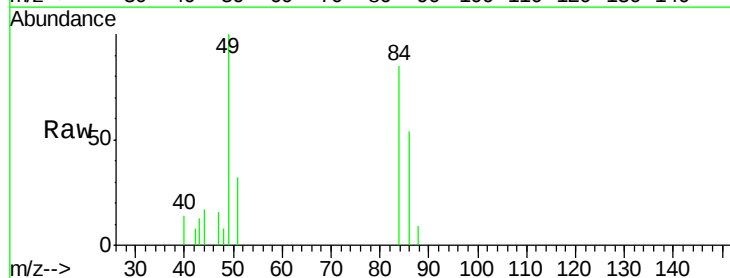
Instrument :
MSVOA_N
ClientSampled :
SOILS-1

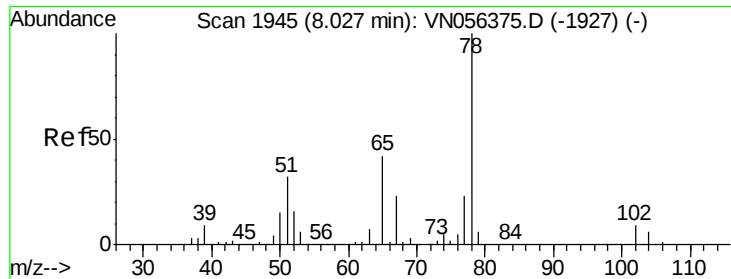
Tot Ion: 43 Resp: 9430
Ion Ratio Lower Upper
43 100
74 14.3 19.2 28.8#



#20
Methylene Chloride
Concen: 1.000 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.01 min
Lab File: VN056463.D
Acq: 24 Jun 2019 18:07

Tgt Ion: 84 Resp: 7773
Ion Ratio Lower Upper
84 100
49 117.9 96.4 144.6
51 37.9 28.6 43.0
86 63.4 51.4 77.2

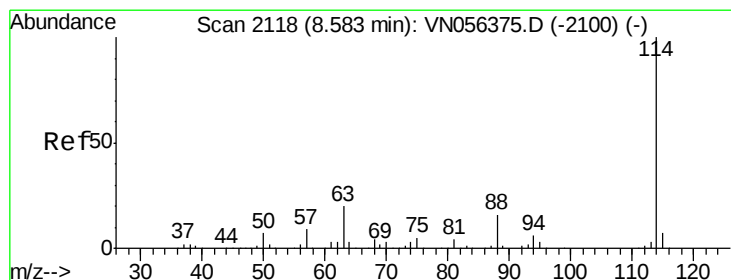
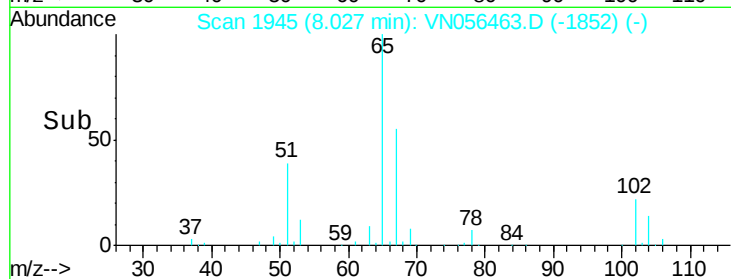
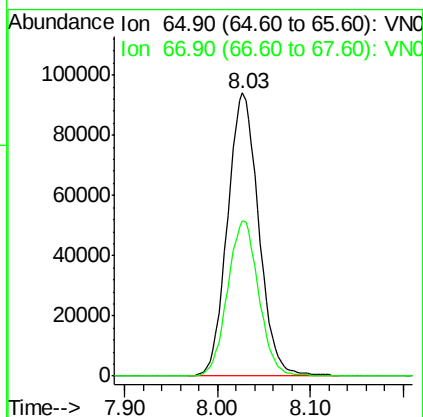
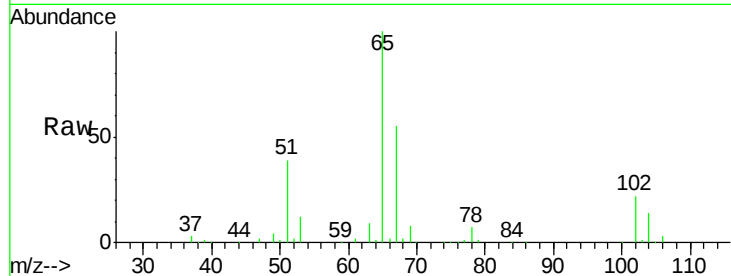




#33
 1,2-Dichloroethane-d4
 Concen: 49.986 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056463.D
 Acq: 24 Jun 2019 18:07

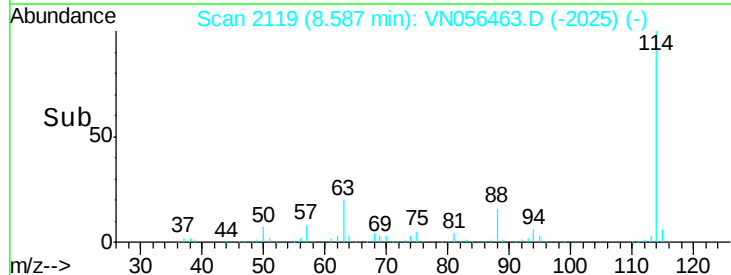
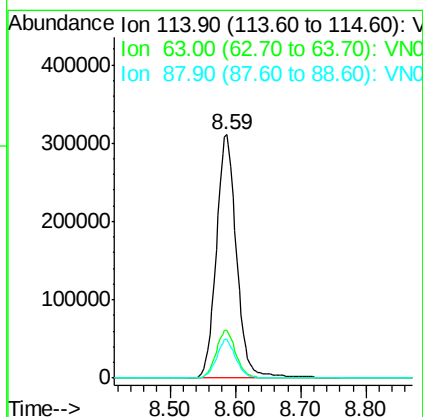
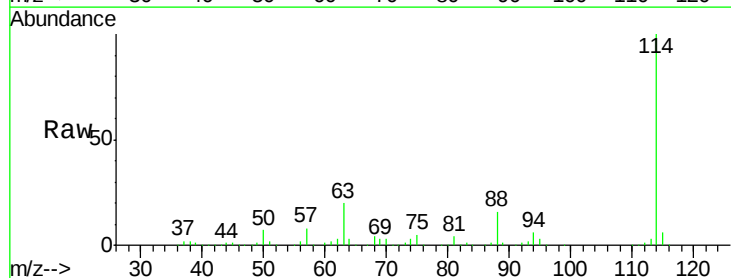
Instrument :
 MSVOA_N
 ClientSampleId :
 SOILS-1

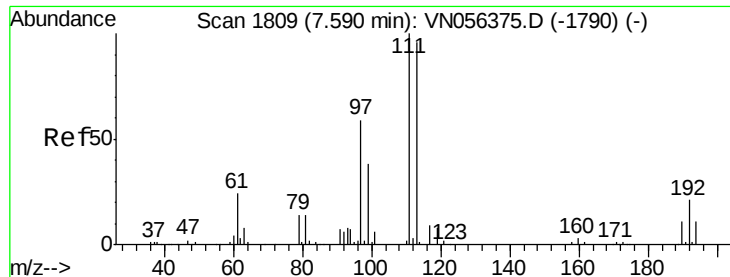
Tot Ion: 65 Resp: 219741
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056463.D
 Acq: 24 Jun 2019 18:07

Tgt Ion: 114 Resp: 670670
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.2
 88 15.8 0.0 31.4

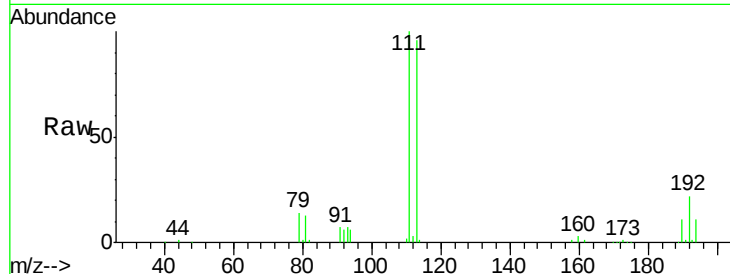




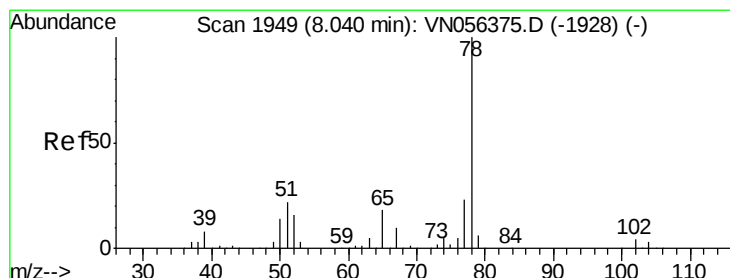
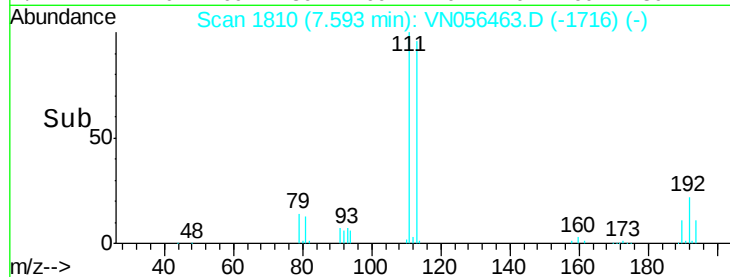
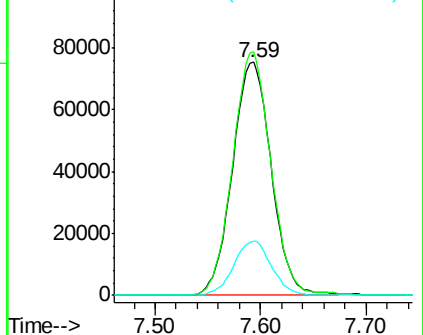
#35
 Dibromofluoromethane
 Concen: 46.066 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056463.D
 Acq: 24 Jun 2019 18:07

Instrument :
 MSVOA_N
 ClientSampleId :
 SOILS-1

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.9	124.3
192	22.5	17.7	26.5

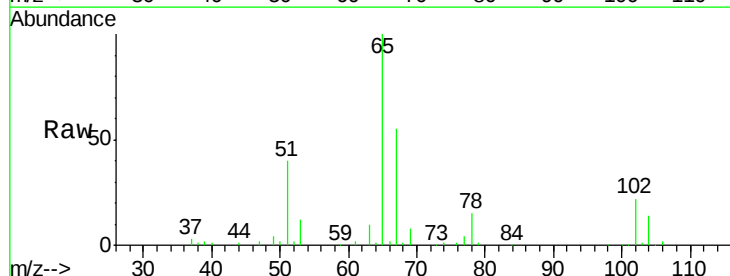


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

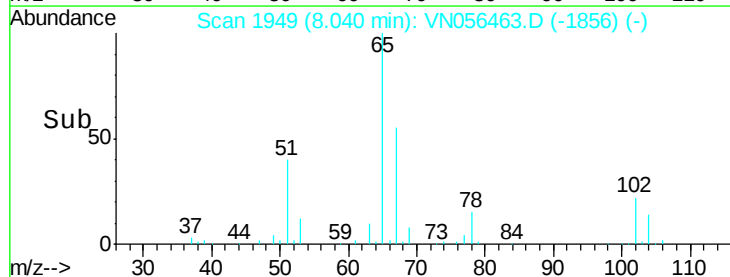
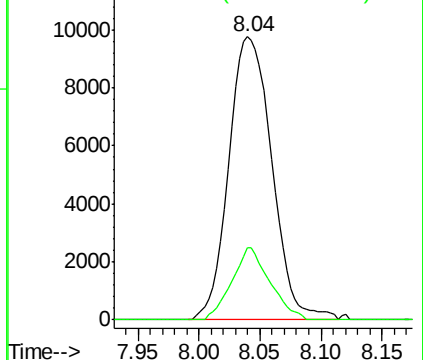


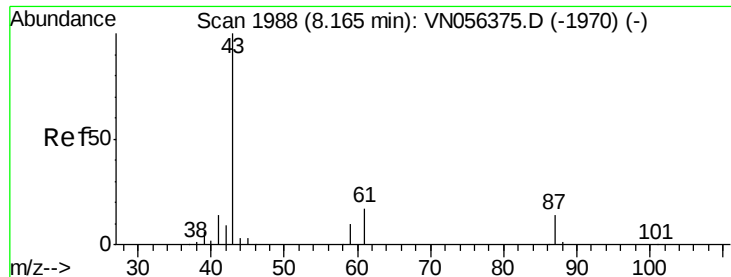
#40
 Benzene
 Concen: 1.319 ug/l
 RT: 8.04 min Scan# 1949
 Delta R.T. 0.00 min
 Lab File: VN056463.D
 Acq: 24 Jun 2019 18:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.4	18.3	27.5



Abundance Ion 78.00 (77.70 to 78.70): V
 Ion 77.00 (76.70 to 77.70): V





#43

Isopropyl Acetate

Concen: 1.378 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056463.D

Acq: 24 Jun 2019 18:07

Instrument :

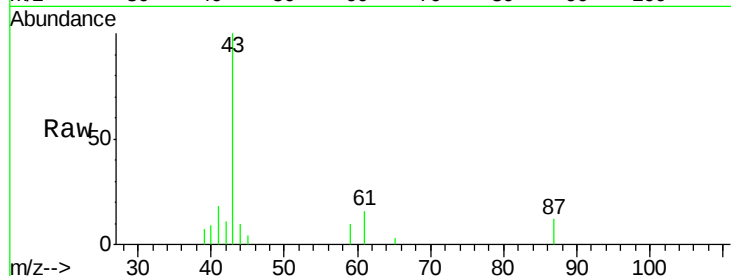
MSVOA_N

ClientSampleId :

SOILS-1

Tot Ion: 43 Resp: 12325

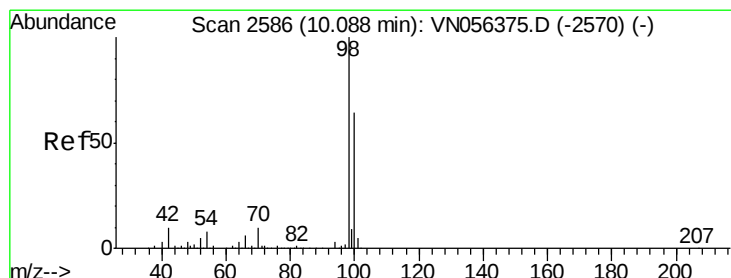
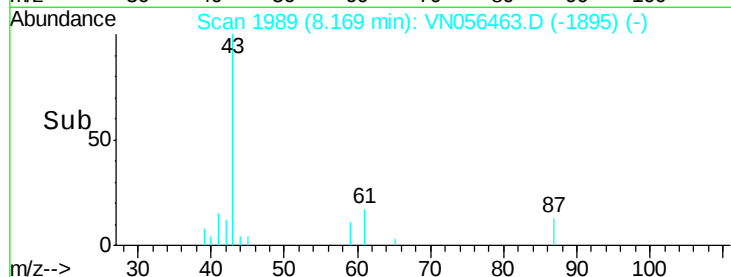
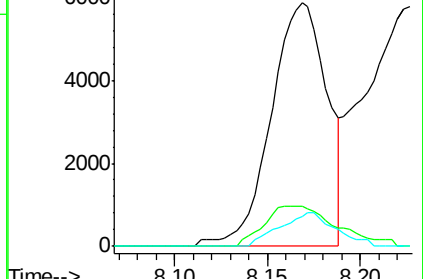
Ion	Ratio	Lower	Upper
43	100		
61	21.5	22.0	33.0#
87	13.6	11.0	16.4



Abundance Ion 43.00 (42.70 to 43.70): VN056463.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN056463.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN056463.D (-1970) (-)



#50

Toluene-d8

Concen: 51.010 ug/l

RT: 10.09 min Scan# 2587

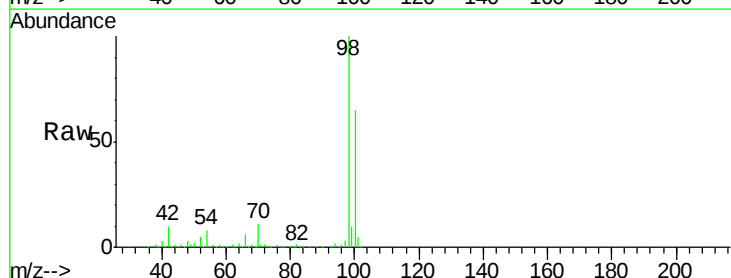
Delta R.T. 0.00 min

Lab File: VN056463.D

Acq: 24 Jun 2019 18:07

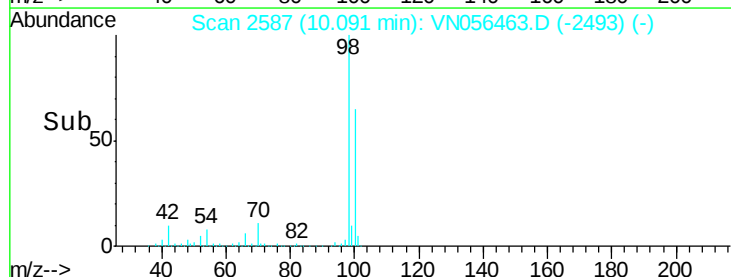
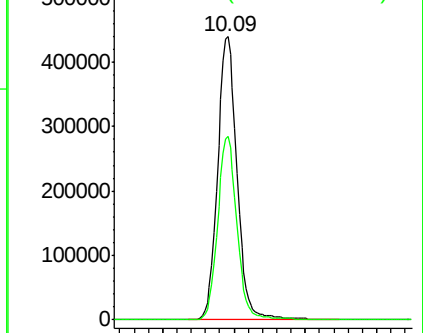
Tgt Ion: 98 Resp: 830430

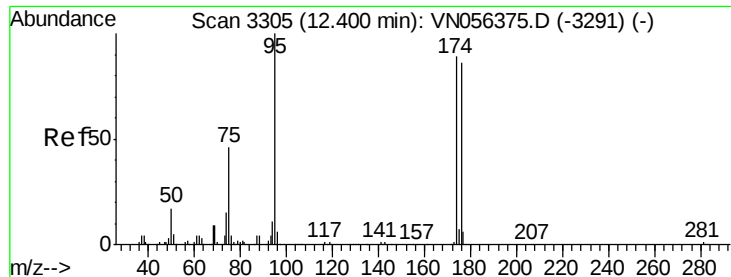
Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.2	78.2



Abundance Ion 98.00 (97.70 to 98.70): VN056463.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN056463.D (-2570) (-)

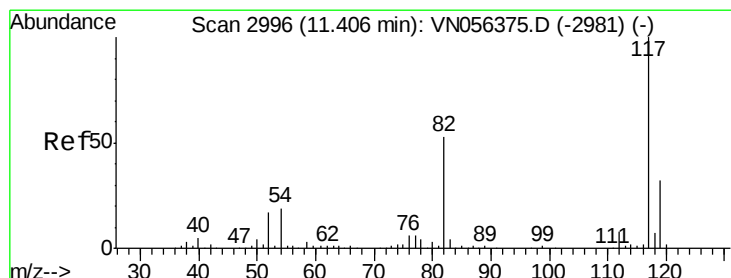
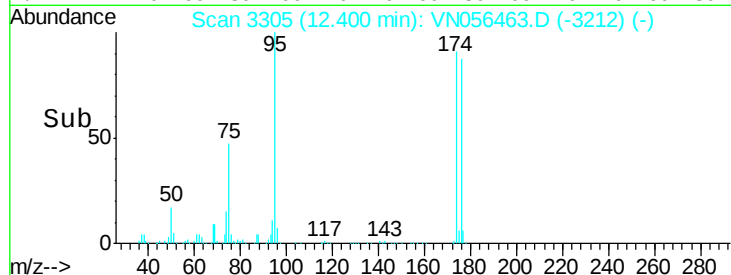
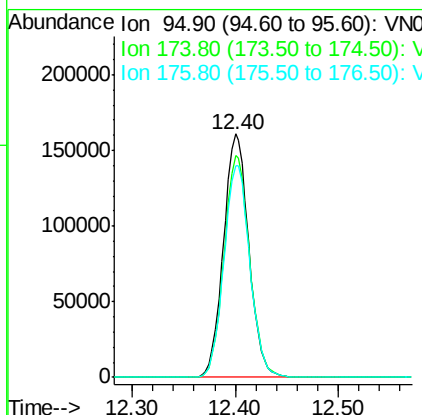
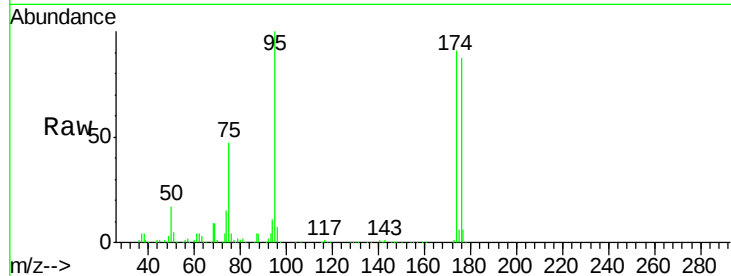




#62
4-Bromofluorobenzene
Concen: 50.688 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056463.D
Acq: 24 Jun 2019 18:07

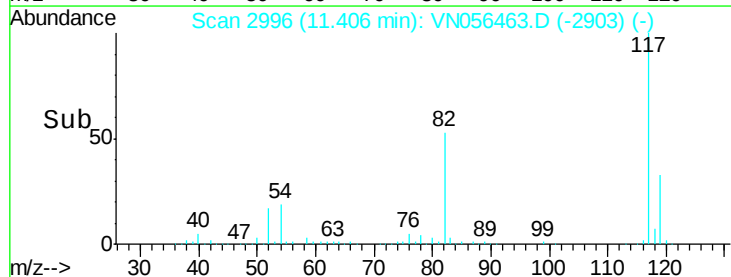
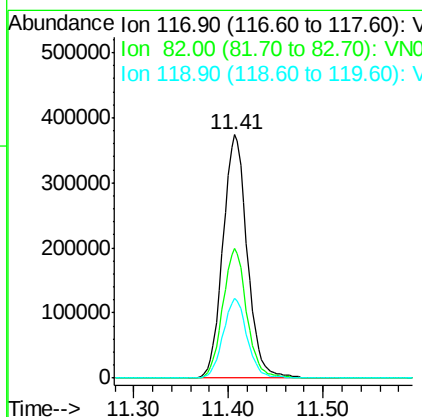
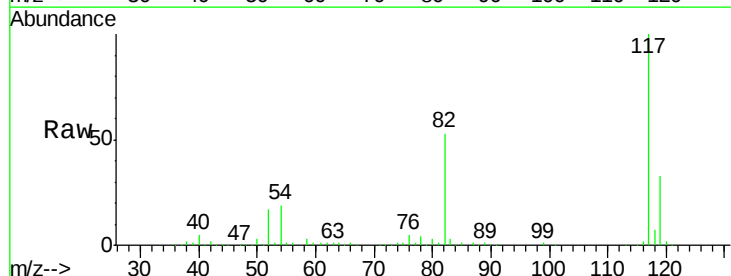
Instrument :
MSVOA_N
ClientSampleId :
SOILS-1

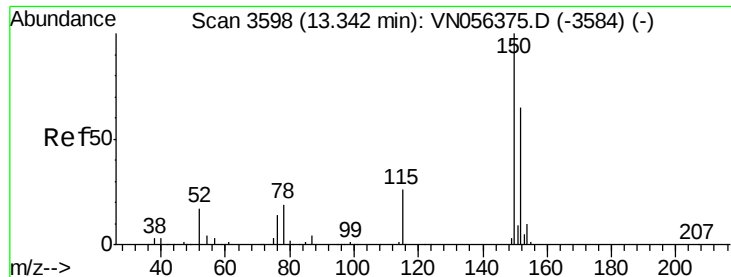
Tot Ion: 95 Resp: 275085
Ion Ratio Lower Upper
95 100
174 91.8 0.0 179.4
176 89.1 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056463.D
Acq: 24 Jun 2019 18:07

Tgt Ion: 117 Resp: 667526
Ion Ratio Lower Upper
117 100
82 53.1 42.0 63.0
119 32.6 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056463.D

Acq: 24 Jun 2019 18:07

Instrument :

MSVOA_N

ClientSampled :

SOILS-1

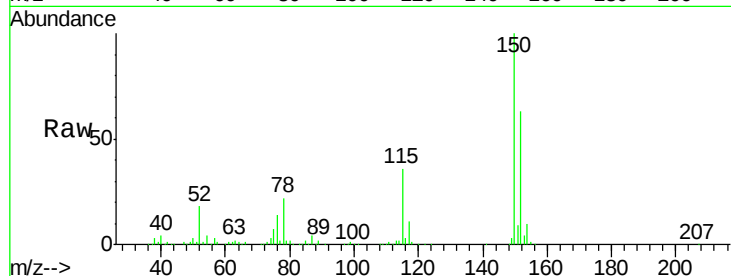
Tot Ion:152 Resp: 203263

Ion Ratio Lower Upper

152 100

115 56.6 28.1 84.4

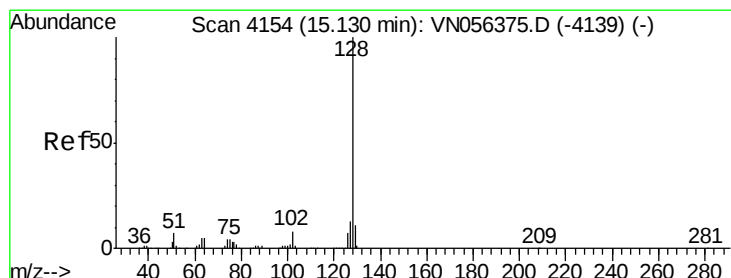
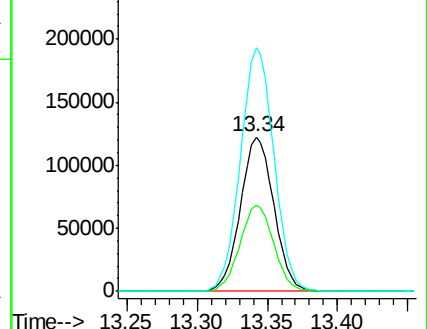
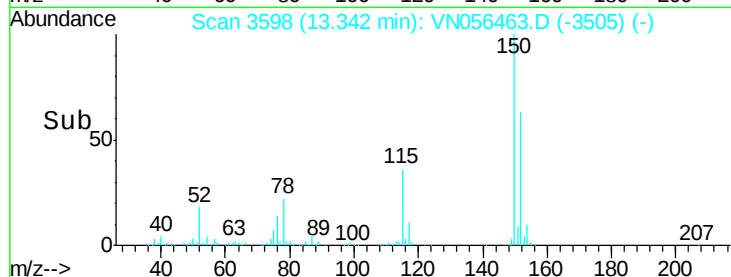
150 158.6 0.0 348.4



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



#95

Naphthalene

Concen: 5.540 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN056463.D

Acq: 24 Jun 2019 18:07

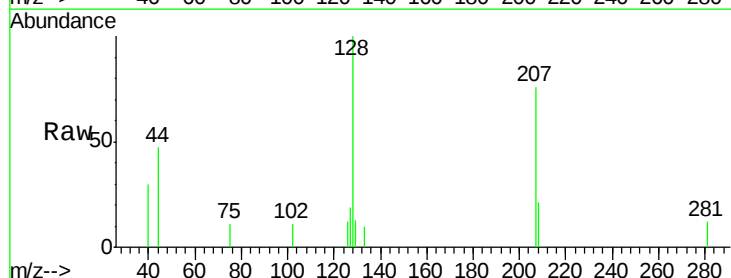
Tgt Ion:128 Resp: 3068

Ion Ratio Lower Upper

128 100

127 9.1 10.2 15.2#

129 10.1 8.6 12.8



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

