

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100818\
 Data File : VN051740.D
 Acq On : 8 Oct 2018 17:02
 Operator : MD\SY
 Sample : J5305-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 331-SAND-SOIL

Quant Time: Oct 09 05:32:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 05 02:22:33 2018
 Response via : Initial Calibration

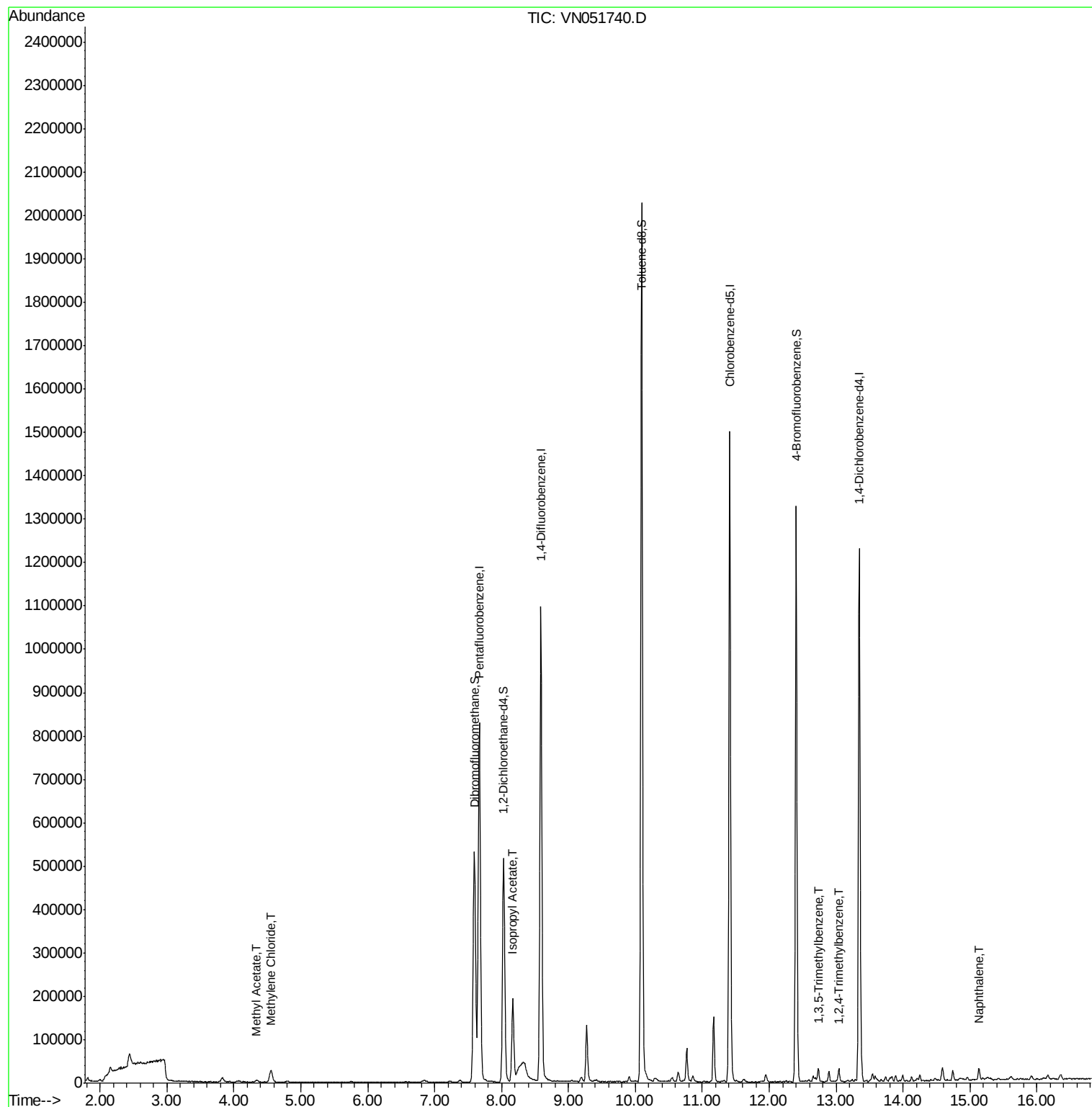
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	733338	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1034739	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	902501	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	346625	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	430378	44.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.84%	
35) Dibromofluoromethane	7.59	113	396398	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.10%	
50) Toluene-d8	10.09	98	1474617	49.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.82%	
62) 4-Bromofluorobenzene	12.40	95	412994	39.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.18%	
Target Compounds						
18) Methyl Acetate	4.33	43	6811	1.274	ug/l	93
20) Methylene Chloride	4.55	84	19691	2.470	ug/l	96
43) Isopropyl Acetate	8.17	43	227523	19.346	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	14380	0.577	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	17411	0.698	ug/l	98
95) Naphthalene	15.13	128	22922	1.906	ug/l	97

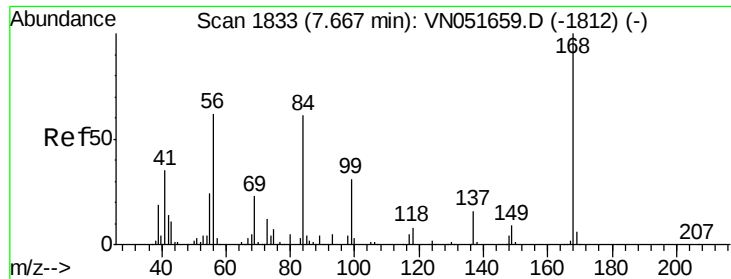
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100818\
Data File : VN051740.D
Acq On : 8 Oct 2018 17:02
Operator : MD\SY
Sample : J5305-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 23 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
331-SAND-SOIL

Quant Time: Oct 09 05:32:51 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 05 02:22:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051740.D

Acq: 8 Oct 2018 17:02

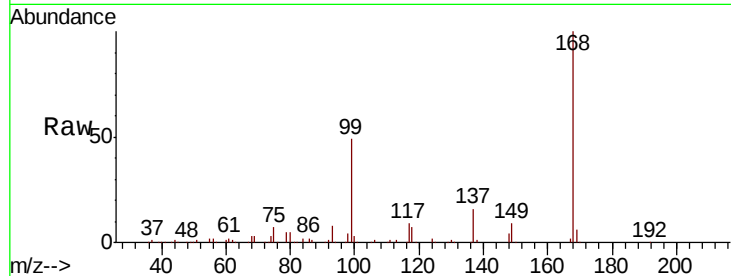
Instrument :
MSVOA_N
ClientSampleId :
331-SAND-SOIL

Tot Ion:168 Resp: 733338

Ion Ratio Lower Upper

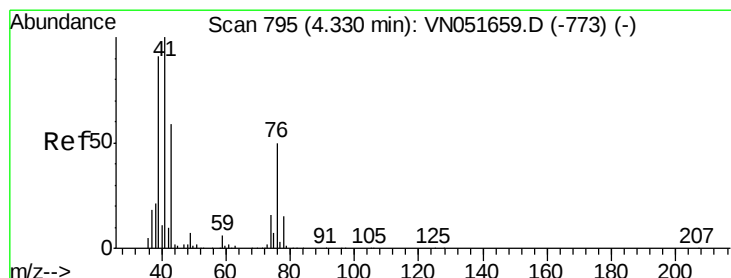
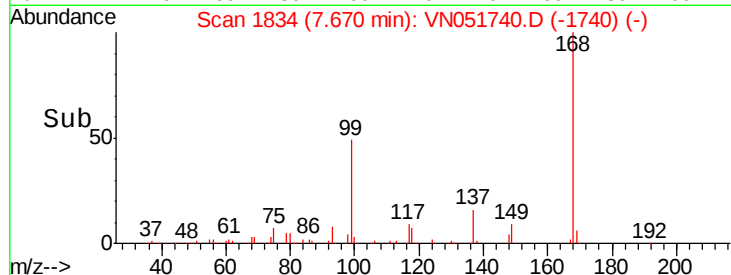
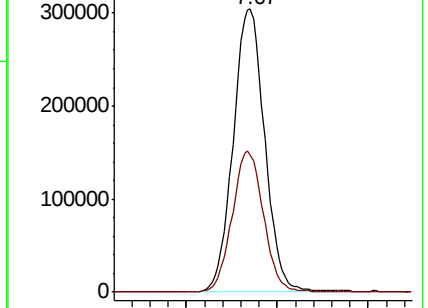
168 100

99 48.7 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#18

Methyl Acetate

Concen: 1.274 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.00 min

Lab File: VN051740.D

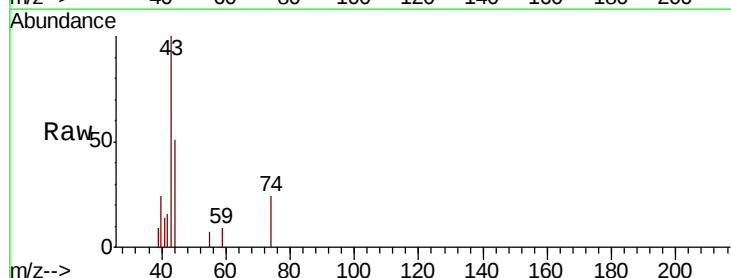
Acq: 8 Oct 2018 17:02

Tgt Ion: 43 Resp: 6811

Ion Ratio Lower Upper

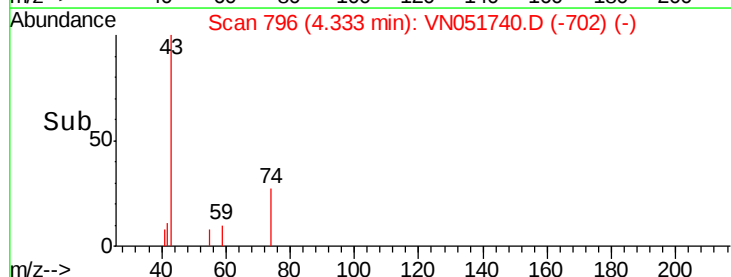
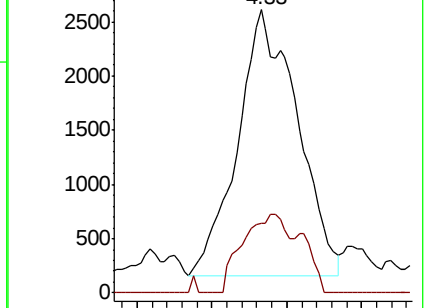
43 100

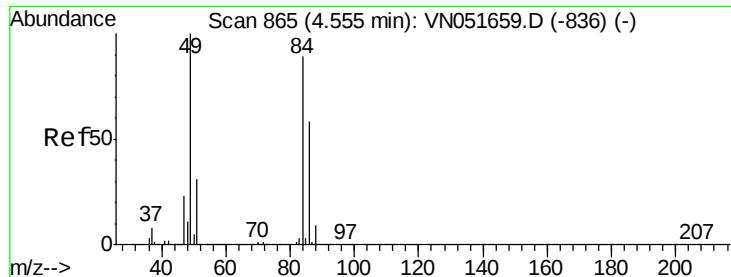
74 23.1 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 74.00 (73.70 to 74.70): VN

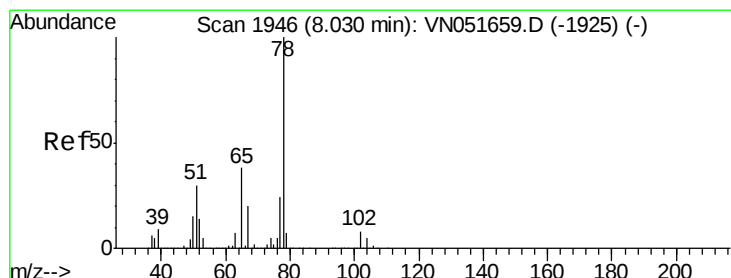
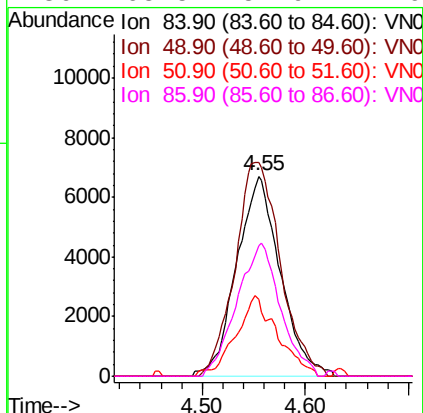
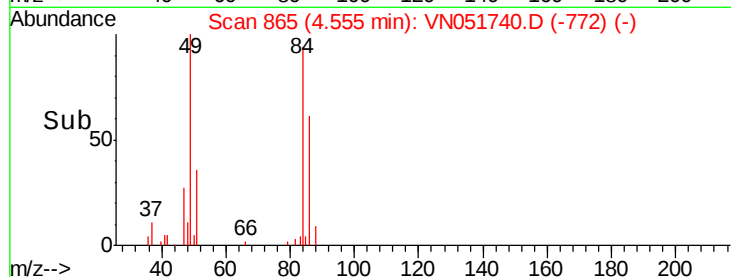
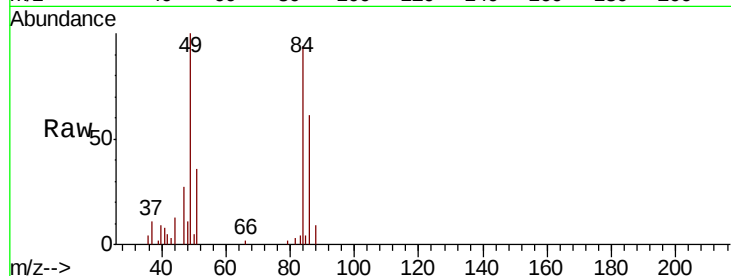




#20
Methvlene Chloride
Concen: 2.470 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN051740.D
Acq: 8 Oct 2018 17:02

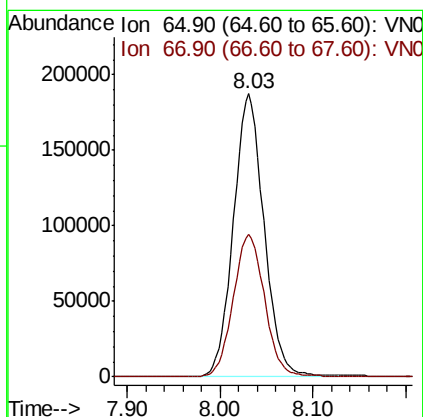
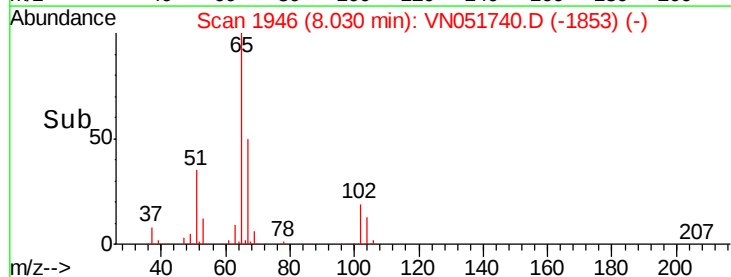
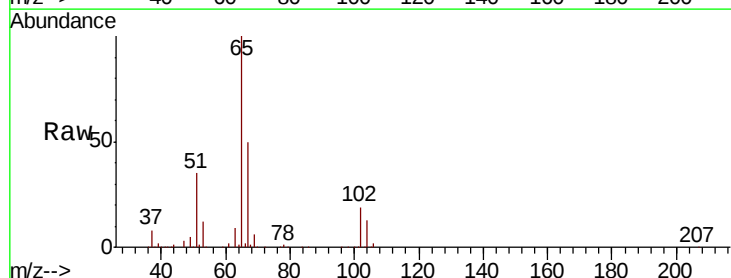
Instrument :
MSVOA_N
ClientSampled :
331-SAND-SOIL

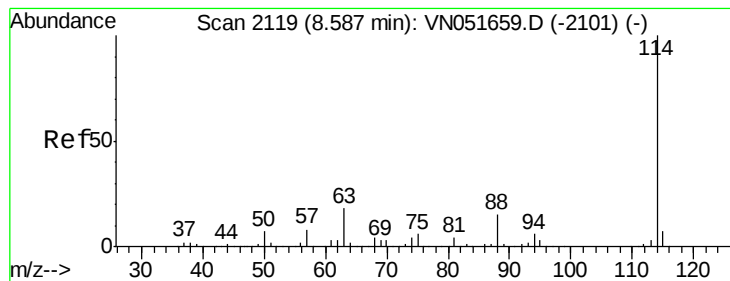
Tot Ion: 84 Resp: 19691
Ion Ratio Lower Upper
84 100
49 106.8 89.5 134.3
51 38.3 27.4 41.0
86 65.5 51.9 77.9



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. -0.00 min
Lab File: VN051740.D
Acq: 8 Oct 2018 17:02

Tgt Ion: 65 Resp: 430378
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN051740.D

Acq: 8 Oct 2018 17:02

Instrument :

MSVOA_N

ClientSampleId :

331-SAND-SOIL

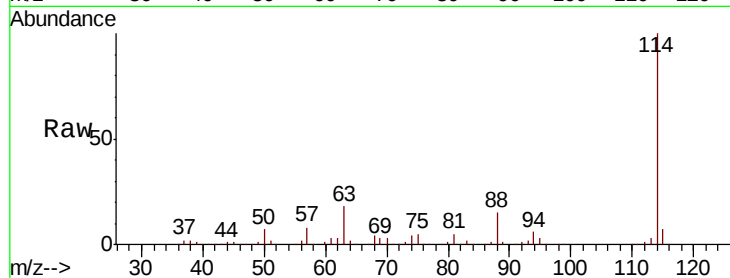
Tot Ion:114 Resp: 1034739

Ion Ratio Lower Upper

114 100

63 18.0 0.0 36.2

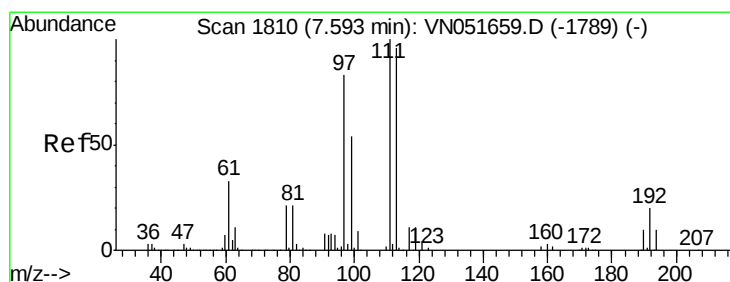
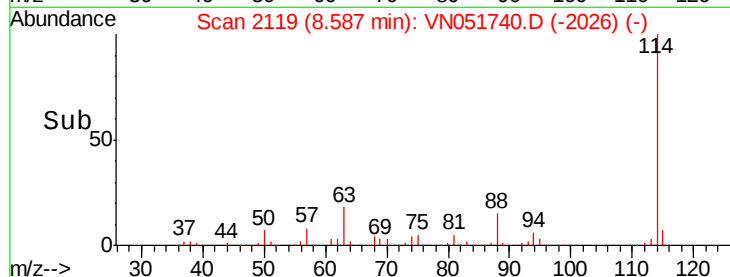
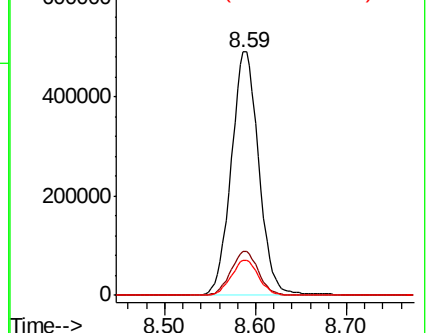
88 14.5 0.0 30.2



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: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN051740.D

Acq: 8 Oct 2018 17:02

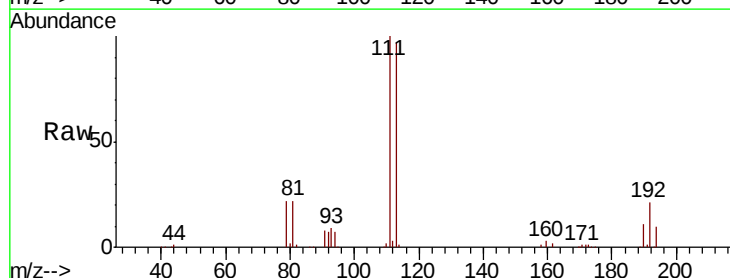
Tgt Ion:113 Resp: 396398

Ion Ratio Lower Upper

113 100

111 101.2 81.8 122.8

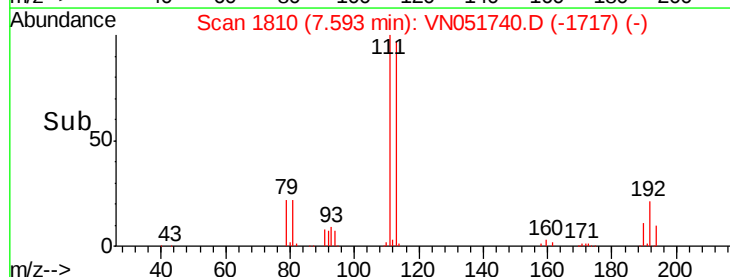
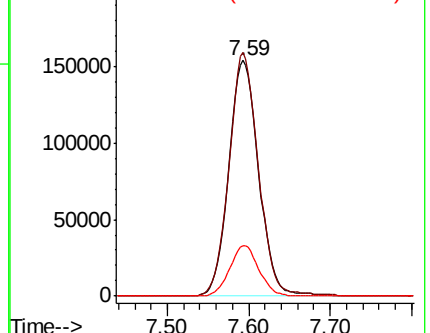
192 21.1 16.5 24.7

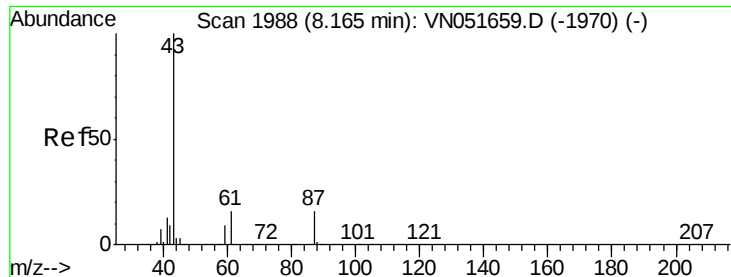


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 19.346 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051740.D

Acq: 8 Oct 2018 17:02

Instrument :

MSVOA_N

ClientSampled :

331-SAND-SOIL

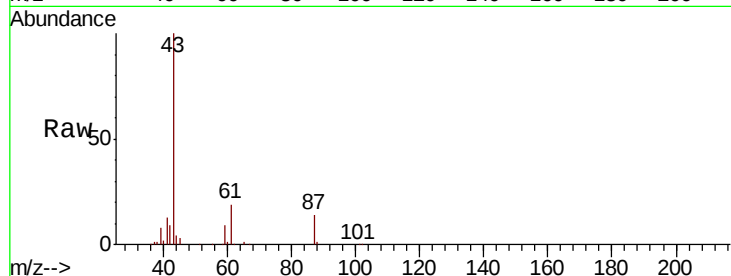
Tot Ion: 43 Resp: 227523

Ion Ratio Lower Upper

43 100

61 19.2 15.8 23.6

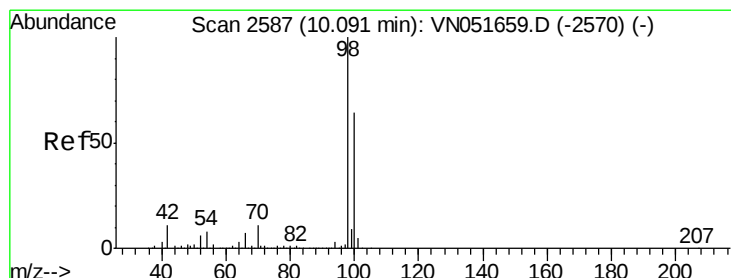
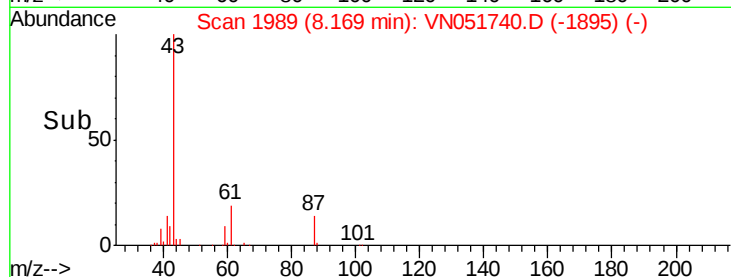
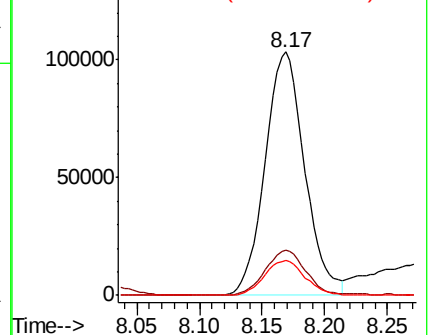
87 14.7 12.6 19.0



Abundance Ion 43.00 (42.70 to 43.70): VN051659.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN051659.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN051659.D (-1970) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051740.D

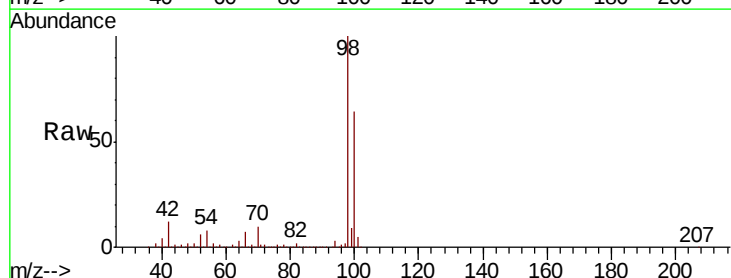
Acq: 8 Oct 2018 17:02

Tgt Ion: 98 Resp: 1474617

Ion Ratio Lower Upper

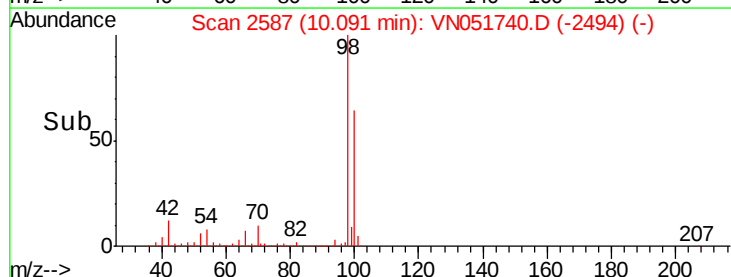
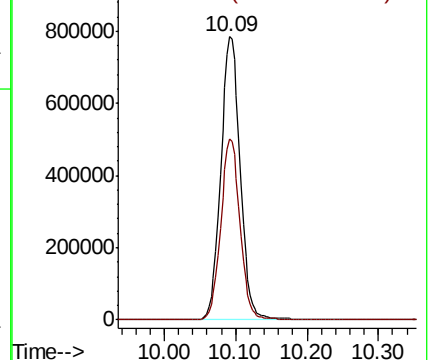
98 100

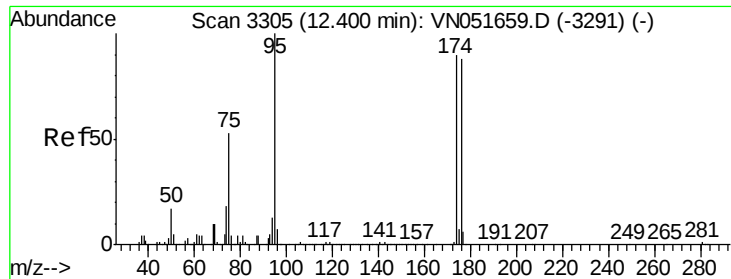
100 63.2 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN051659.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN051659.D (-2570) (-)





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051740.D

Acq: 8 Oct 2018 17:02

Instrument :

MSVOA_N

ClientSampleId :

331-SAND-SOIL

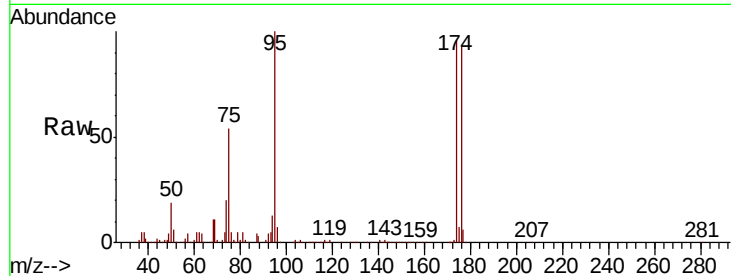
Tot Ion: 95 Resp: 412994

Ion Ratio Lower Upper

95 100

174 96.6 0.0 182.8

176 93.3 0.0 176.4

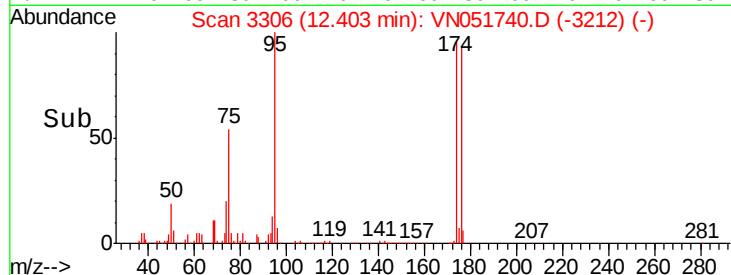


Abundance Ion 94.90 (94.60 to 95.60): VN051659.D (-3291) (-)

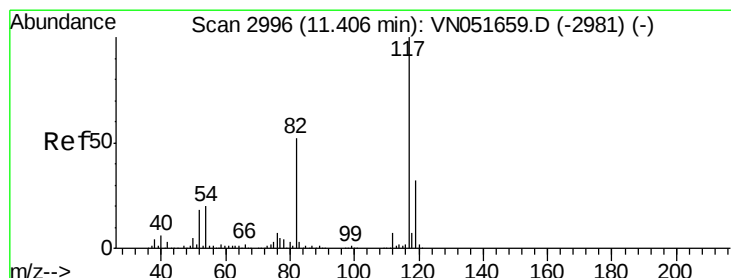
Ion 173.80 (173.50 to 174.50): VN051659.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN051659.D (-3291) (-)

Time--> 12.30 12.40 12.50



Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051740.D

Acq: 8 Oct 2018 17:02

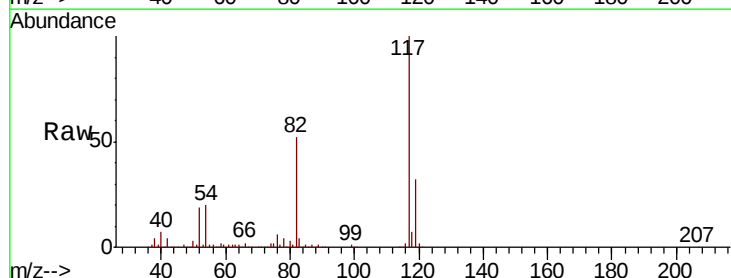
Tgt Ion: 117 Resp: 902501

Ion Ratio Lower Upper

117 100

82 51.8 41.3 61.9

119 32.1 25.9 38.9

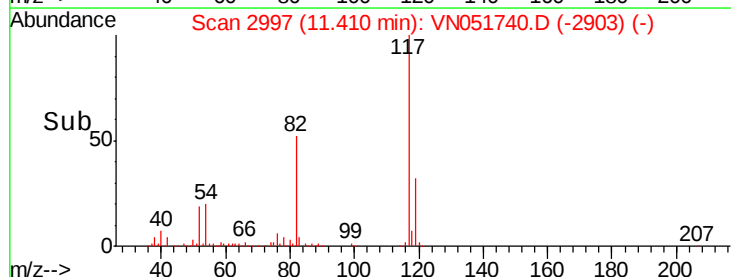


Abundance Ion 116.90 (116.60 to 117.60): VN051659.D (-2981) (-)

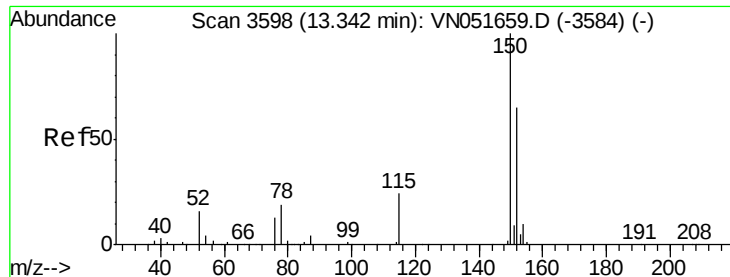
Ion 82.00 (81.70 to 82.70): VN051659.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN051659.D (-2981) (-)

Time--> 11.30 11.40 11.50



Time--> 11.30 11.40 11.50



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051740.D

Acq: 8 Oct 2018 17:02

Instrument :

MSVOA_N

ClientSampleId :

331-SAND-SOIL

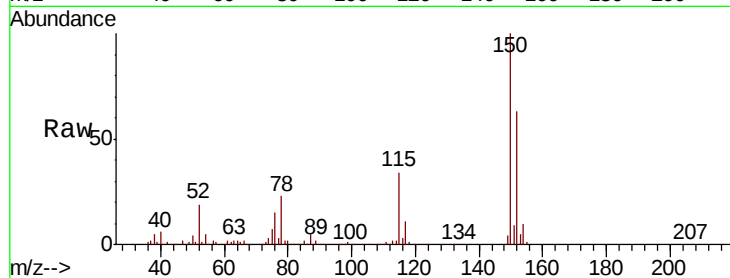
Tot Ion:152 Resp: 346625

Ion Ratio Lower Upper

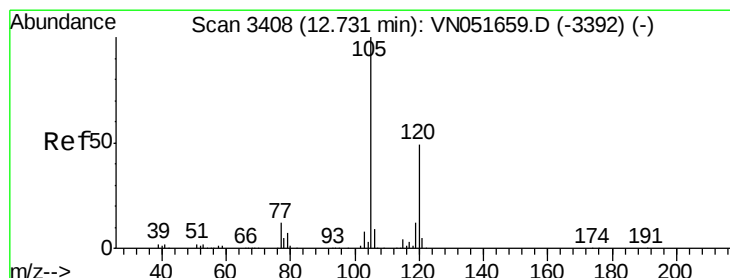
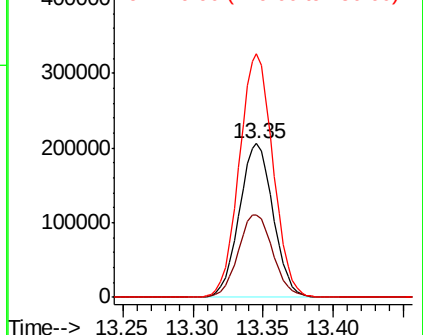
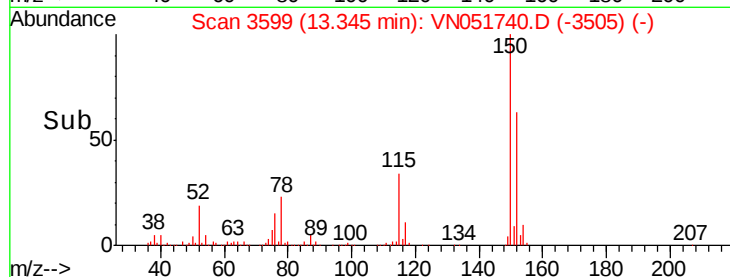
152 100

115 54.9 28.6 85.8

150 157.4 0.0 352.4



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



#80

1,3,5-Trimethylbenzene

Concen: 0.577 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051740.D

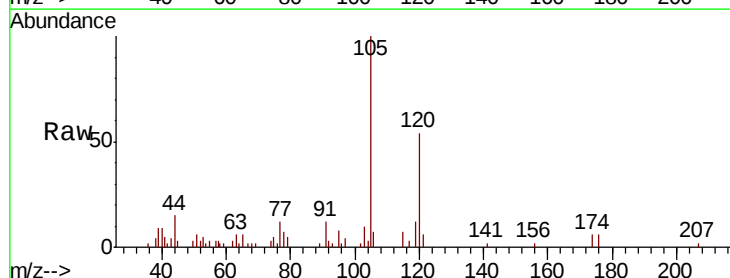
Acq: 8 Oct 2018 17:02

Tgt Ion:105 Resp: 14380

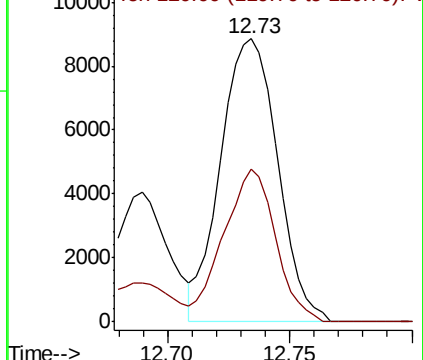
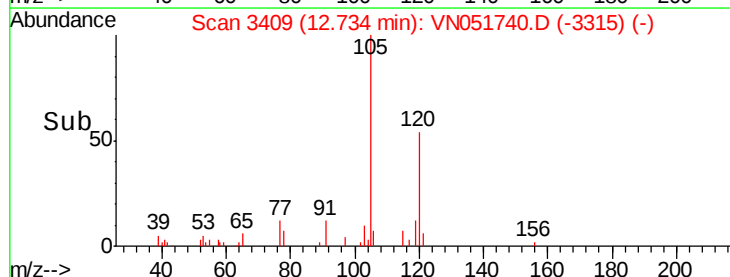
Ion Ratio Lower Upper

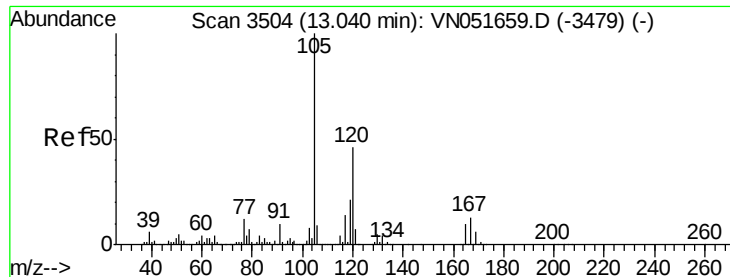
105 100

120 49.2 24.6 74.0



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: 0.698 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN051740.D

Acq: 8 Oct 2018 17:02

Instrument :

MSVOA_N

ClientSampleId :

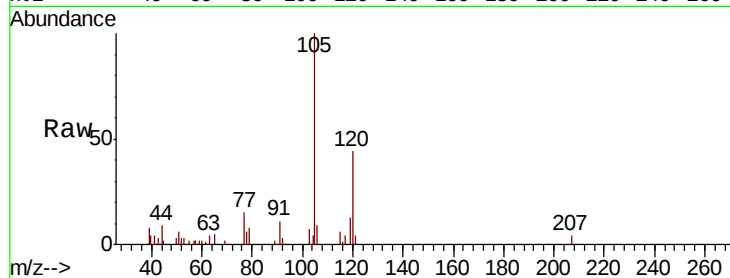
331-SAND-SOIL

Tot Ion:105 Resp: 17411

Ion Ratio Lower Upper

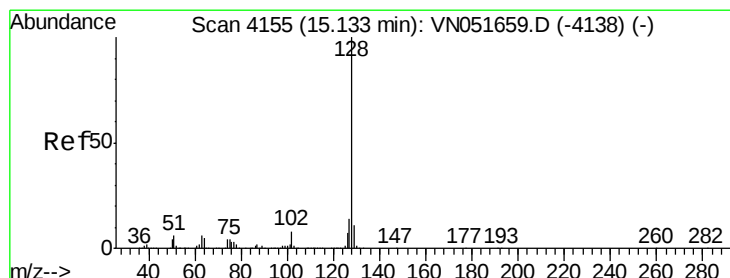
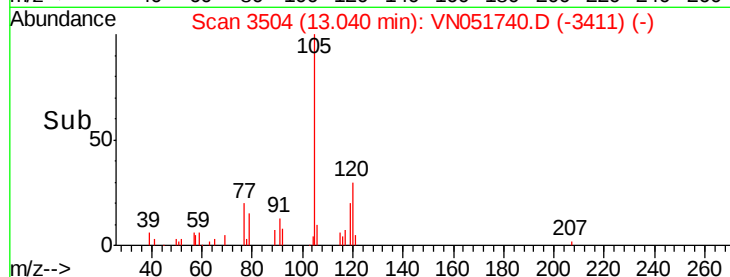
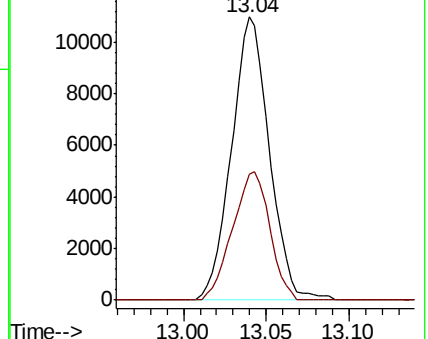
105 100

120 44.4 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 1.906 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051740.D

Acq: 8 Oct 2018 17:02

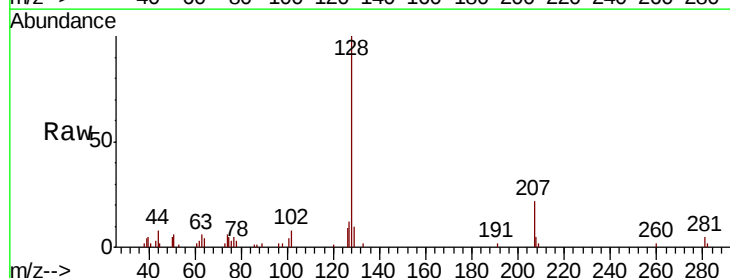
Tgt Ion:128 Resp: 22922

Ion Ratio Lower Upper

128 100

127 12.1 10.6 15.8

129 10.2 9.0 13.6



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

