

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011519\
 Data File : VN053406.D
 Acq On : 15 Jan 2019 14:27
 Operator : JC/SP
 Sample : K1139-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 S-5

Quant Time: Jan 16 04:03:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 15 11:52:35 2019
 Response via : Initial Calibration

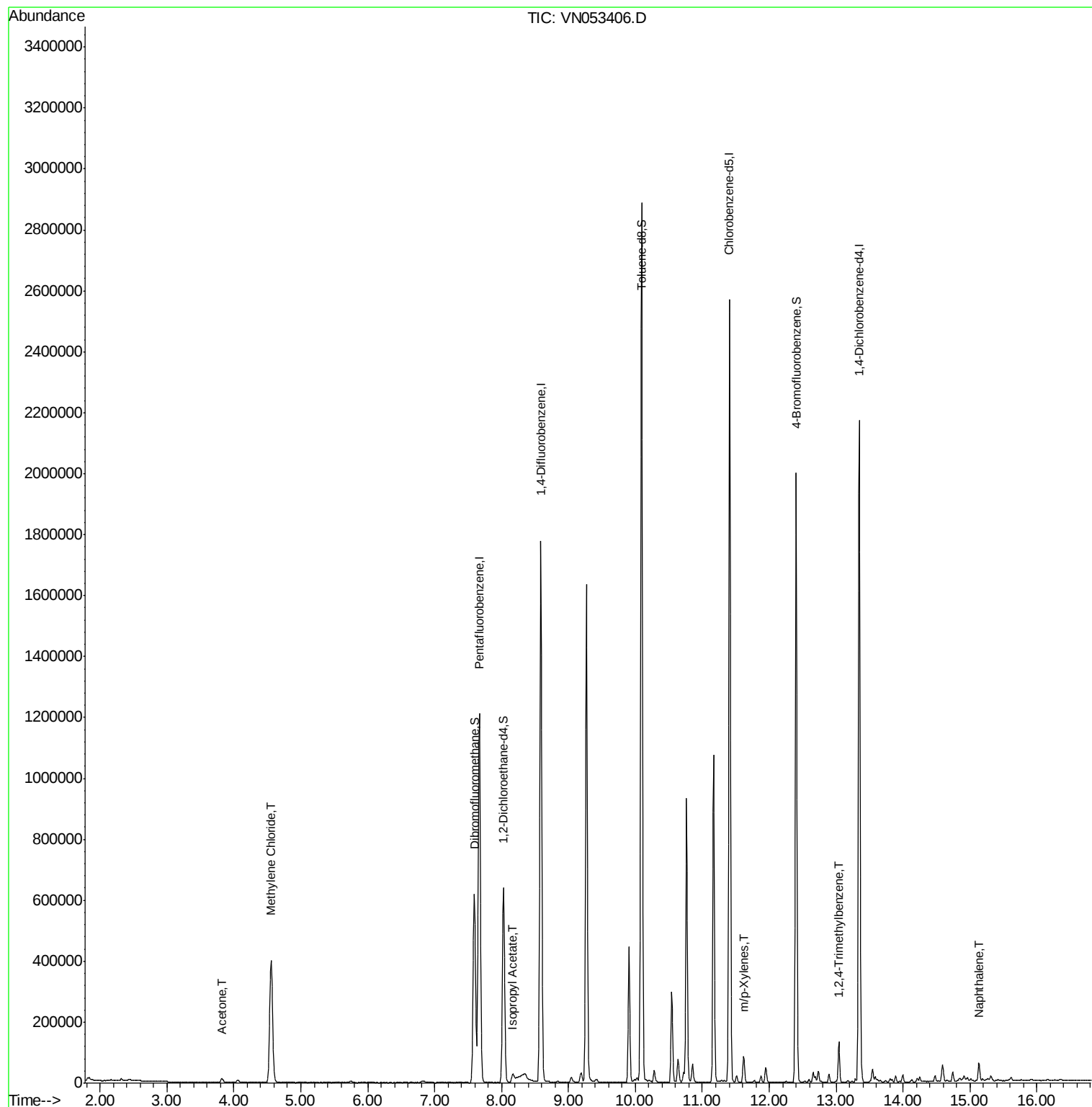
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1075749	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1664740	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1564507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	628484	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	534359	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.52%	
35) Dibromofluoromethane	7.59	113	480854	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.22%	
50) Toluene-d8	10.09	98	2069094	51.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.00%	
62) 4-Bromofluorobenzene	12.40	95	699232	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
Target Compounds						
16) Acetone	3.82	43	22537	9.034	ug/l	90
20) Methylene Chloride	4.55	84	313416	27.518	ug/l	98
43) Isopropyl Acetate	8.17	43	37400	2.284	ug/l #	74
68) m/p-Xylenes	11.62	106	27673	1.299	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	78270	2.073	ug/l	98
95) Naphthalene	15.13	128	54255	7.228	ug/l	100

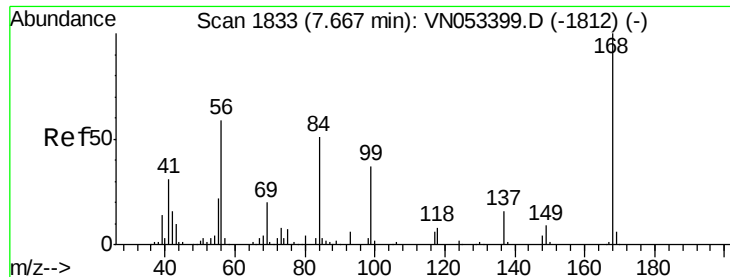
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN011519\
Data File : VN053406.D
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S-5

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 15 11:52:35 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: VN053406.D

Acq: 15 Jan 2019 14:27

Instrument :

MSVOA_N

ClientSampled :

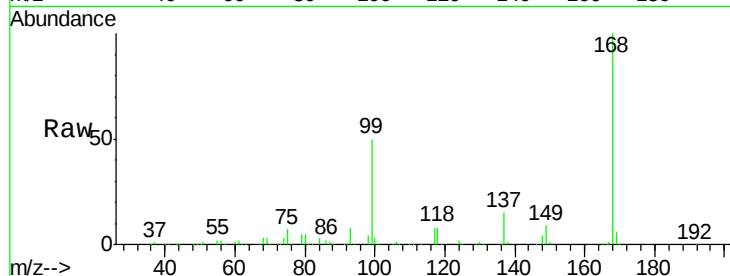
S-5

Tot Ion:168 Resp: 1075749

Ion Ratio Lower Upper

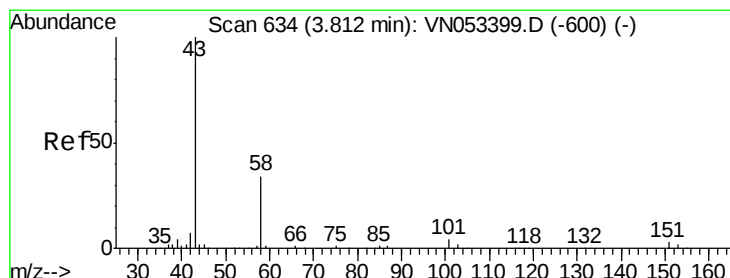
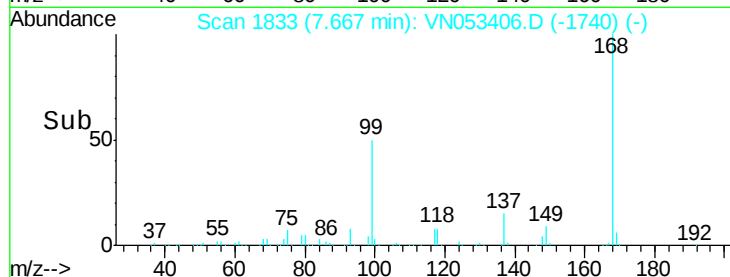
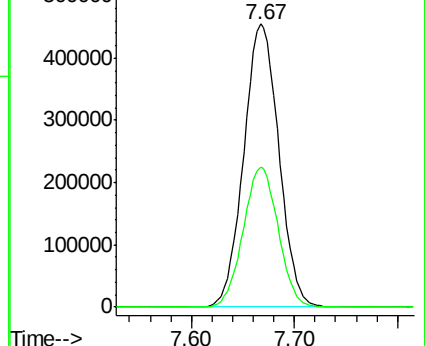
168 100

99 49.7 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 9.034 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053406.D

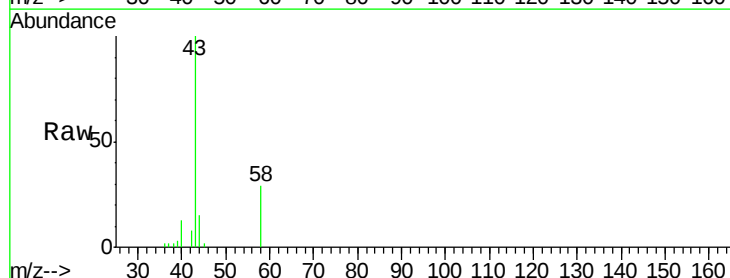
Acq: 15 Jan 2019 14:27

Tgt Ion: 43 Resp: 22537

Ion Ratio Lower Upper

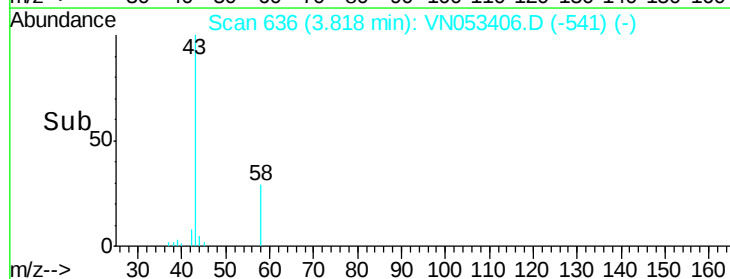
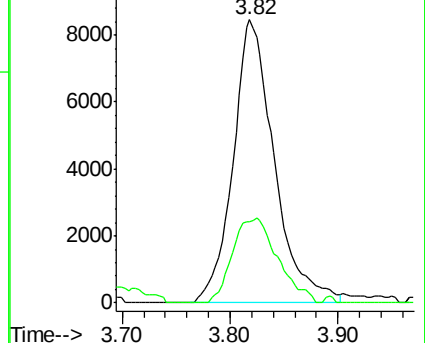
43 100

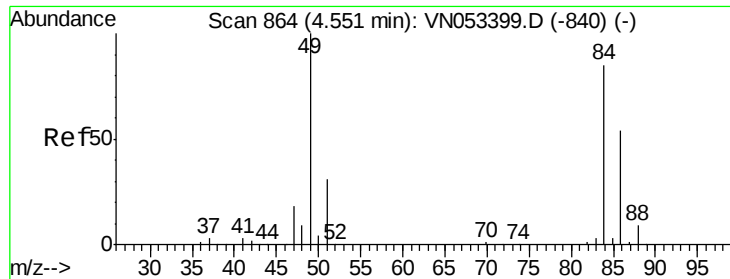
58 28.7 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

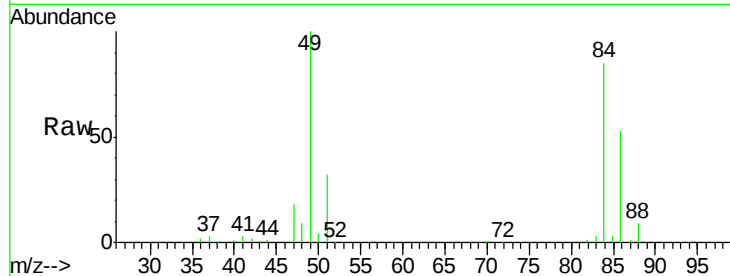




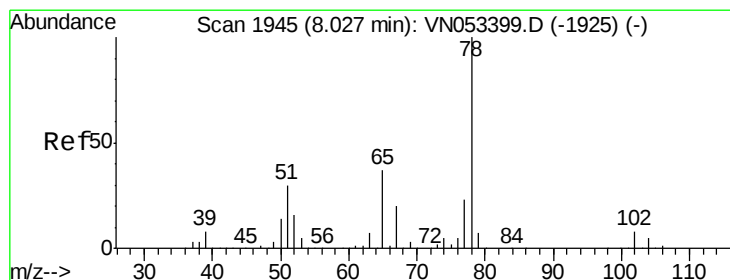
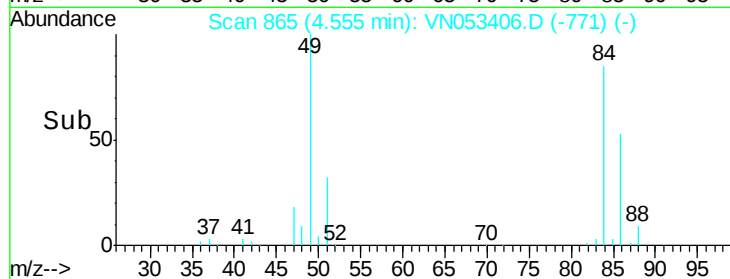
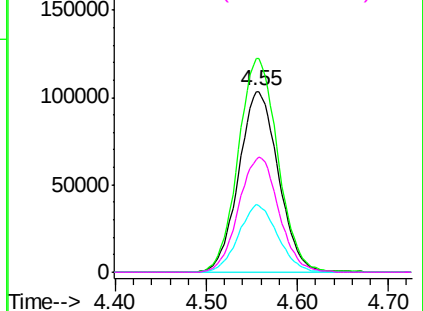
#20
Methylene Chloride
Concen: 27.518 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053406.D
Acq: 15 Jan 2019 14:27

Instrument :
MSVOA_N
ClientSampleId :
S-5

Tot Ion: 84 Resp: 313416
Ion Ratio Lower Upper
84 100
49 118.1 95.3 142.9
51 37.3 29.0 43.6
86 62.3 51.7 77.5

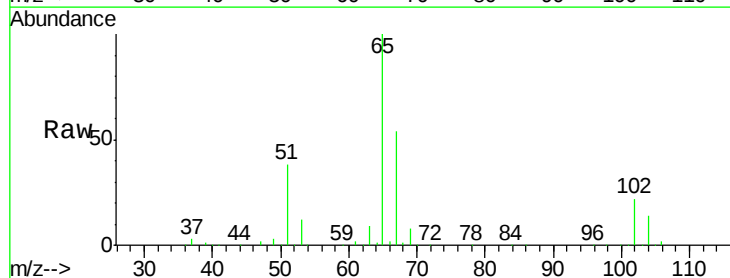


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

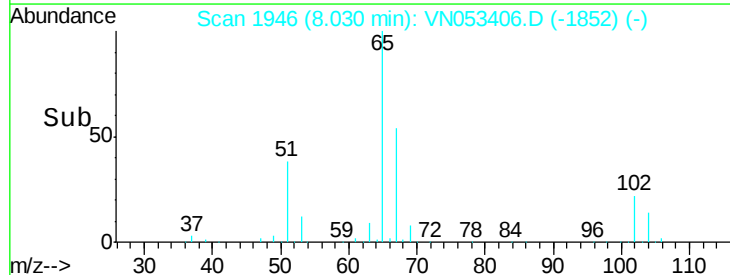
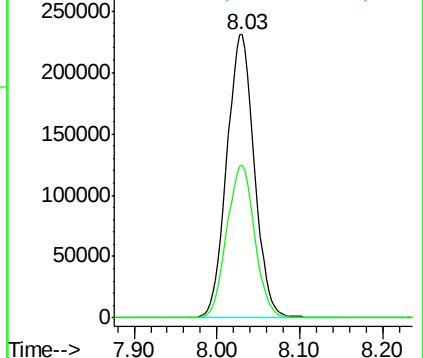


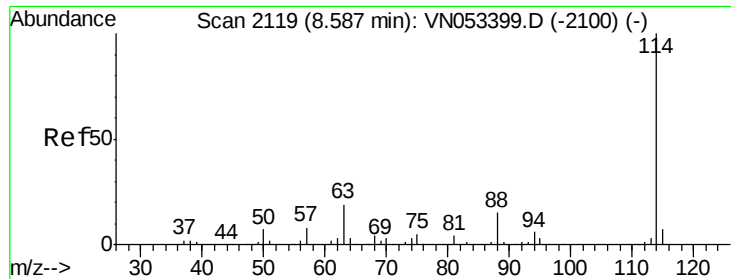
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN053406.D
Acq: 15 Jan 2019 14:27

Tgt Ion: 65 Resp: 534359
Ion Ratio Lower Upper
65 100
67 54.8 0.0 111.0



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

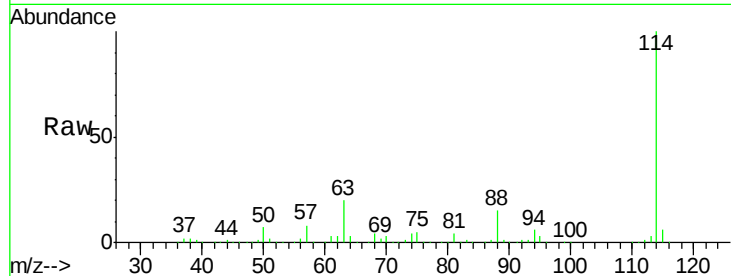




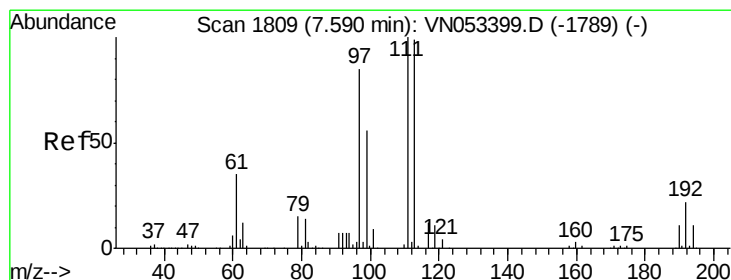
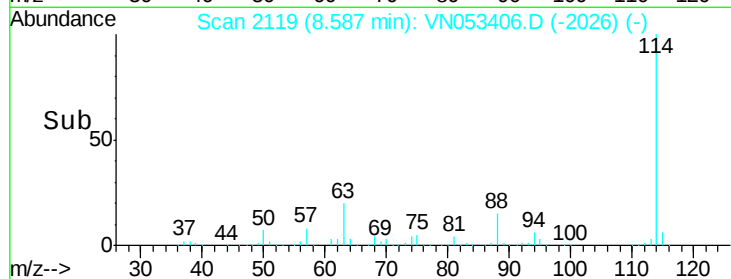
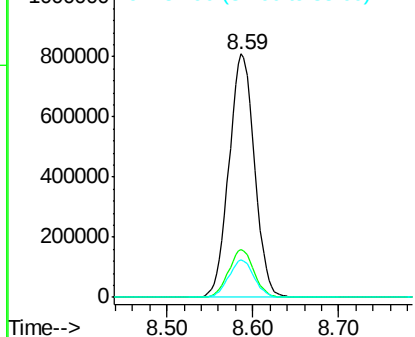
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053406.D
 Acq: 15 Jan 2019 14:27

Instrument :
 MSVOA_N
 ClientSampled :
 S-5

Tot Ion:114 Resp: 1664740
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.4 0.0 30.8

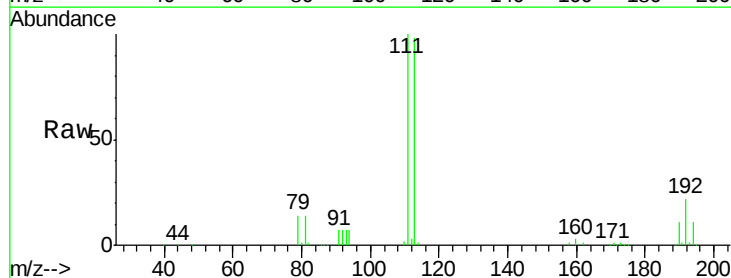


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

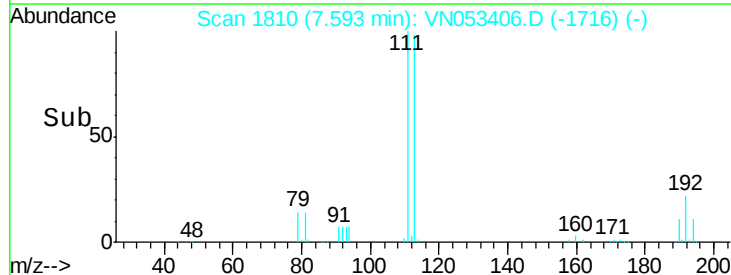
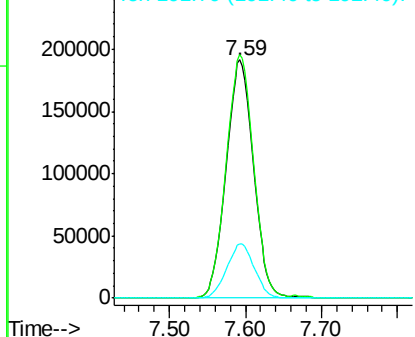


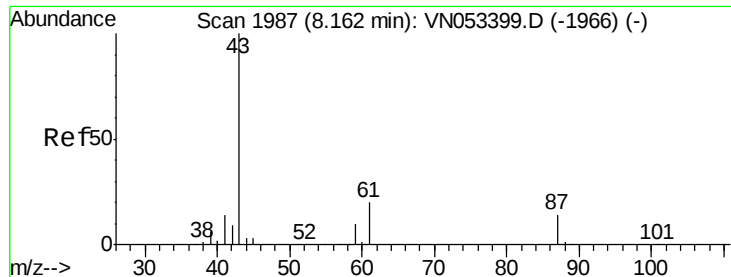
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053406.D
 Acq: 15 Jan 2019 14:27

Tgt Ion:113 Resp: 480854
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.4 122.2
 192 22.9 17.9 26.9



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: 2.284 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053406.D

Acq: 15 Jan 2019 14:27

Instrument :

MSVOA_N

ClientSampleId :

S-5

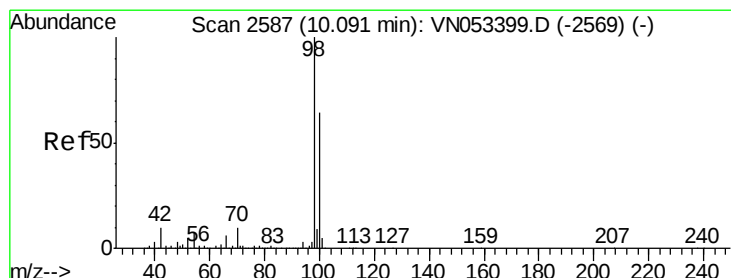
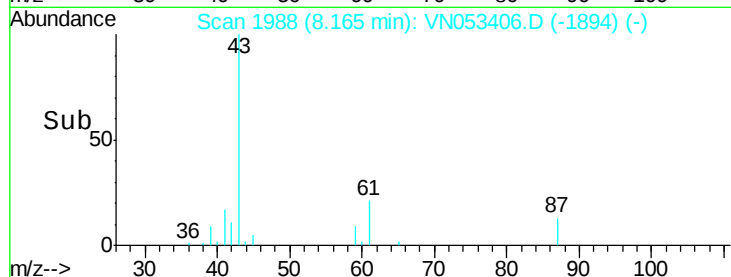
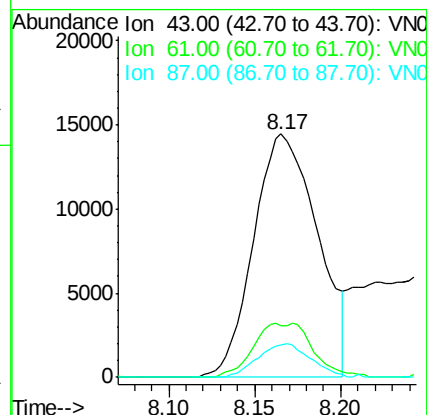
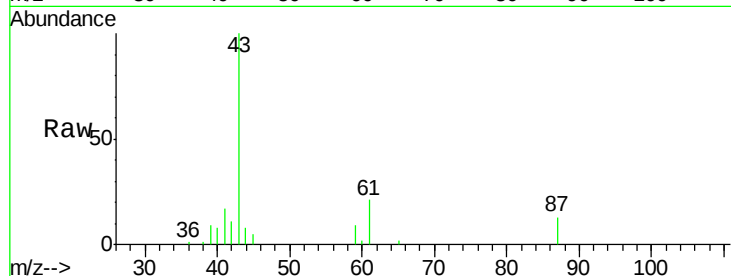
Tot Ion: 43 Resp: 37400

Ion Ratio Lower Upper

43 100

61 10.4 23.3 34.9#

87 11.4 10.8 16.2



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053406.D

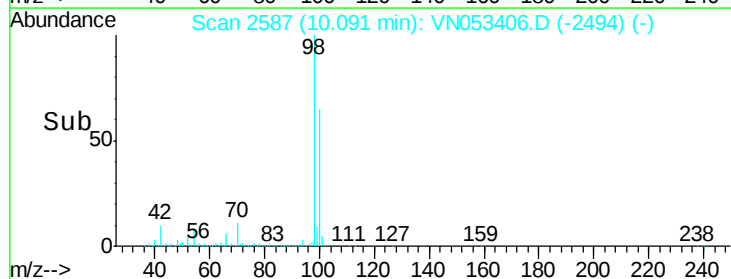
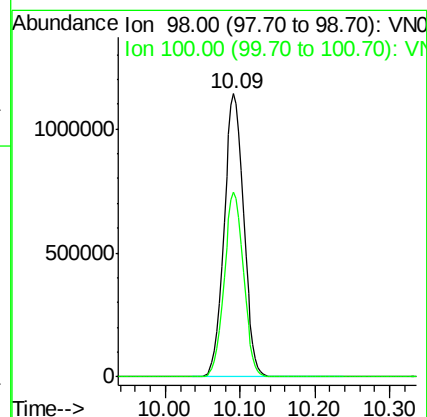
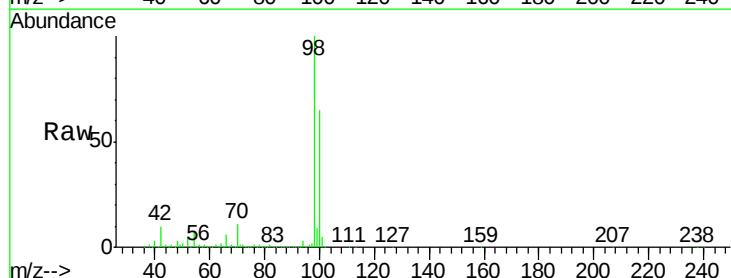
Acq: 15 Jan 2019 14:27

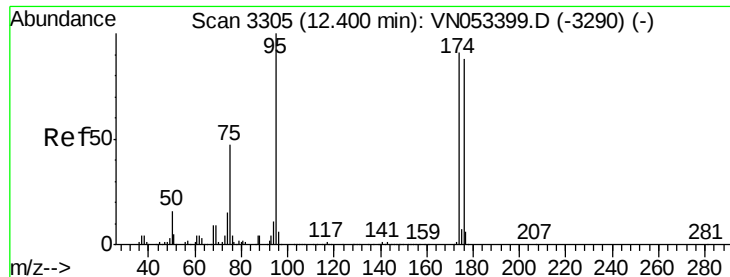
Tgt Ion: 98 Resp: 2069094

Ion Ratio Lower Upper

98 100

100 64.4 51.5 77.3





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053406.D

Acq: 15 Jan 2019 14:27

Instrument :

MSVOA_N

ClientSampled :

S-5

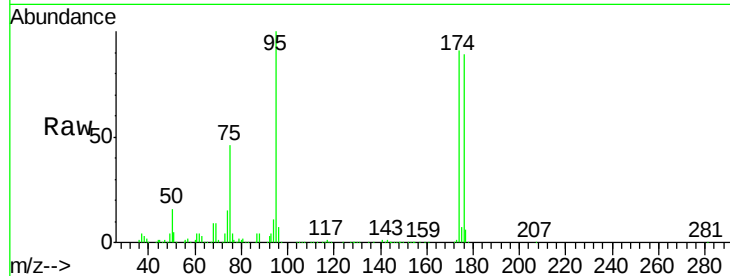
Tot Ion: 95 Resp: 699232

Ion Ratio Lower Upper

95 100

174 90.8 0.0 180.4

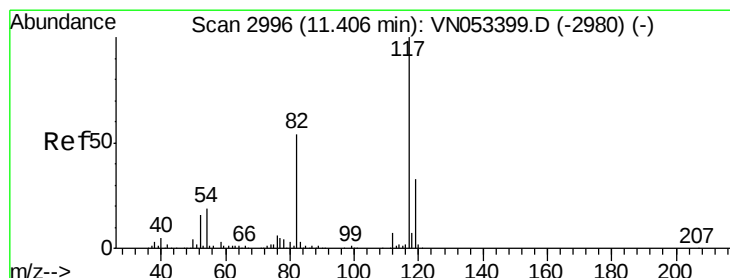
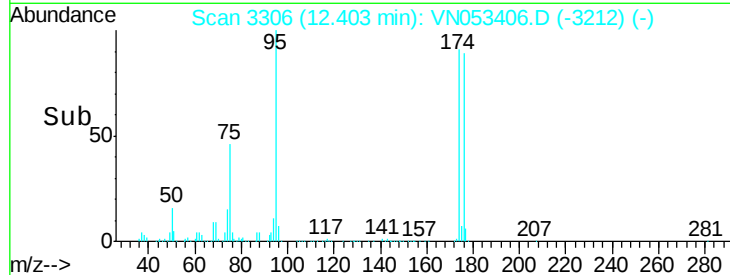
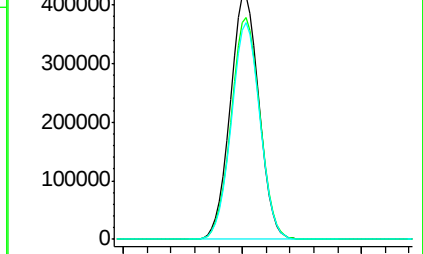
176 87.9 0.0 175.6



Abundance Ion 94.90 (94.60 to 95.60): VN053399.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN053399.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN053399.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053406.D

Acq: 15 Jan 2019 14:27

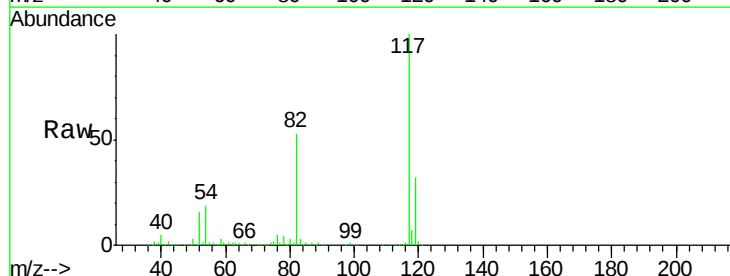
Tgt Ion: 117 Resp: 1564507

Ion Ratio Lower Upper

117 100

82 53.4 42.9 64.3

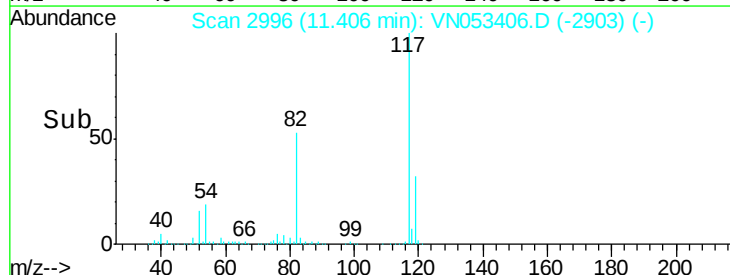
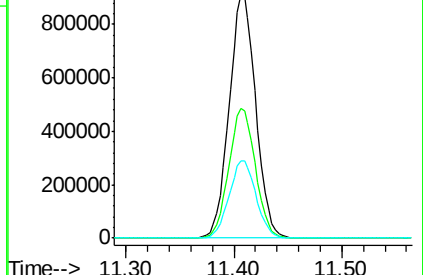
119 31.8 25.6 38.4

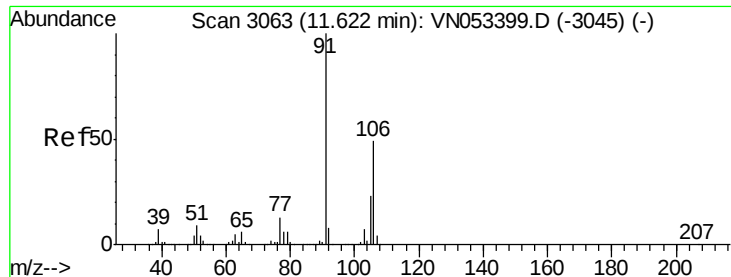


Abundance Ion 116.90 (116.60 to 117.60): VN053399.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053399.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053399.D (-2980) (-)

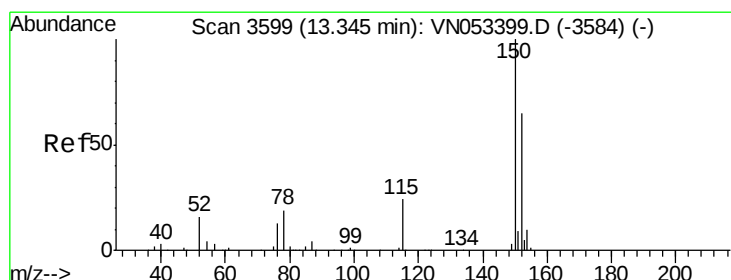
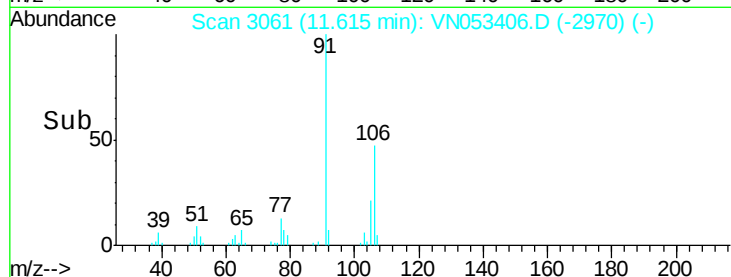
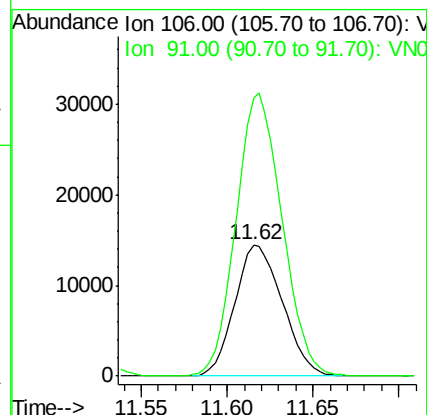
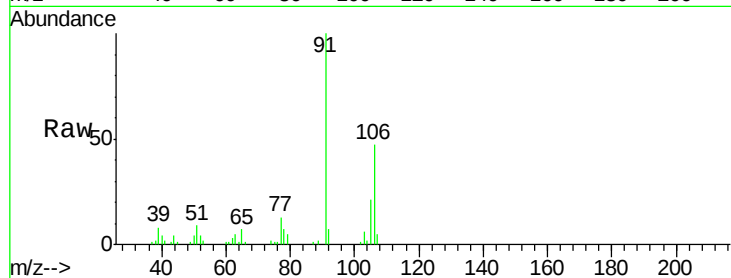




#68
m/p-Xvlenes
Concen: 1.299 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN053406.D
Acq: 15 Jan 2019 14:27

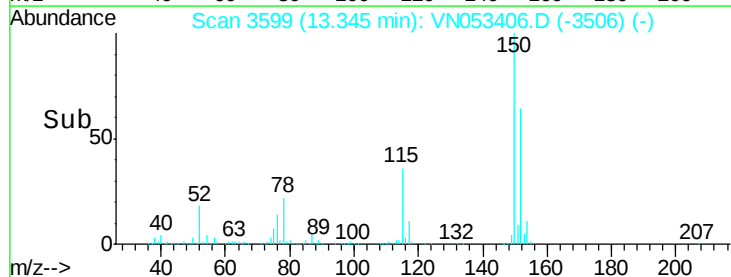
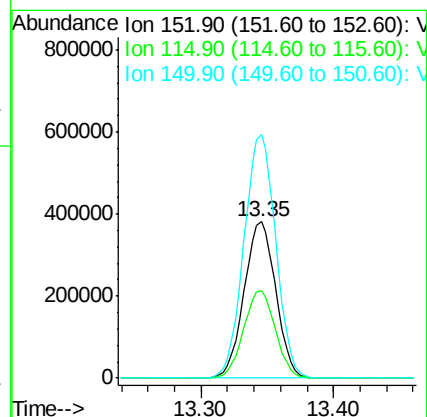
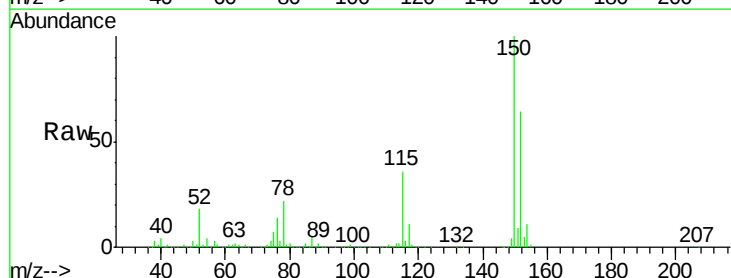
Instrument :
MSVOA_N
ClientSampled :
S-5

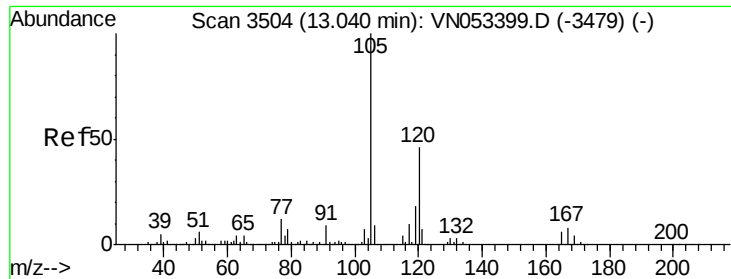
Tot Ion:106 Resp: 27673
Ion Ratio Lower Upper
106 100
91 209.7 161.4 242.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053406.D
Acq: 15 Jan 2019 14:27

Tgt Ion:152 Resp: 628484
Ion Ratio Lower Upper
152 100
115 56.4 28.0 84.0
150 157.1 0.0 346.6





#84

1,2,4-Trimethylbenzene

Concen: 2.073 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053406.D

Acq: 15 Jan 2019 14:27

Instrument :

MSVOA_N

ClientSampled :

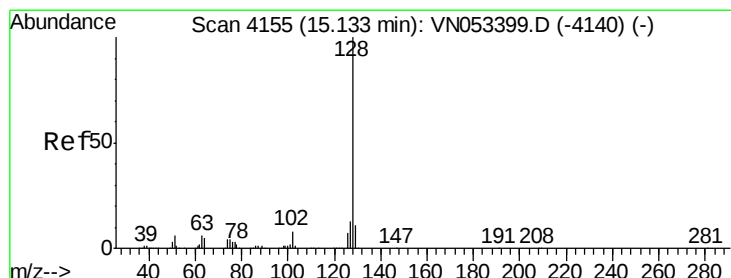
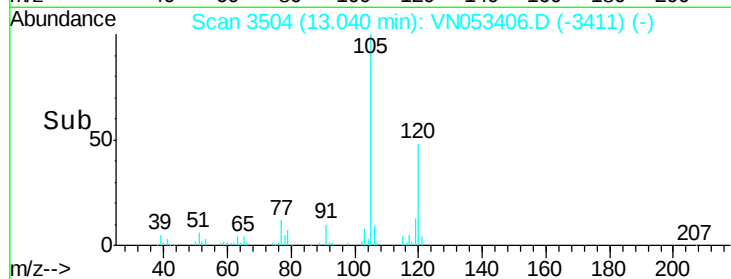
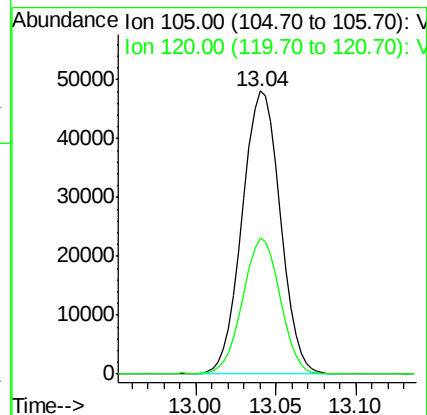
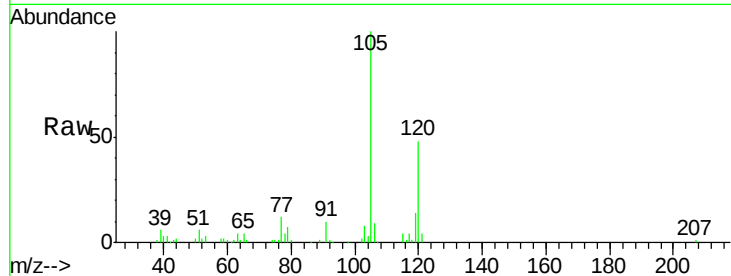
S-5

Tot Ion:105 Resp: 78270

Ion Ratio Lower Upper

105 100

120 47.3 23.0 69.0



#95

Naphthalene

Concen: 7.228 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053406.D

Acq: 15 Jan 2019 14:27

Tgt Ion:128 Resp: 54255

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.8 8.7 13.1

