

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011019\
 Data File : VN053341.D
 Acq On : 10 Jan 2019 15:01
 Operator : MD\SY
 Sample : K1005-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 HR-06-010918-B

Quant Time: Jan 11 06:24:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

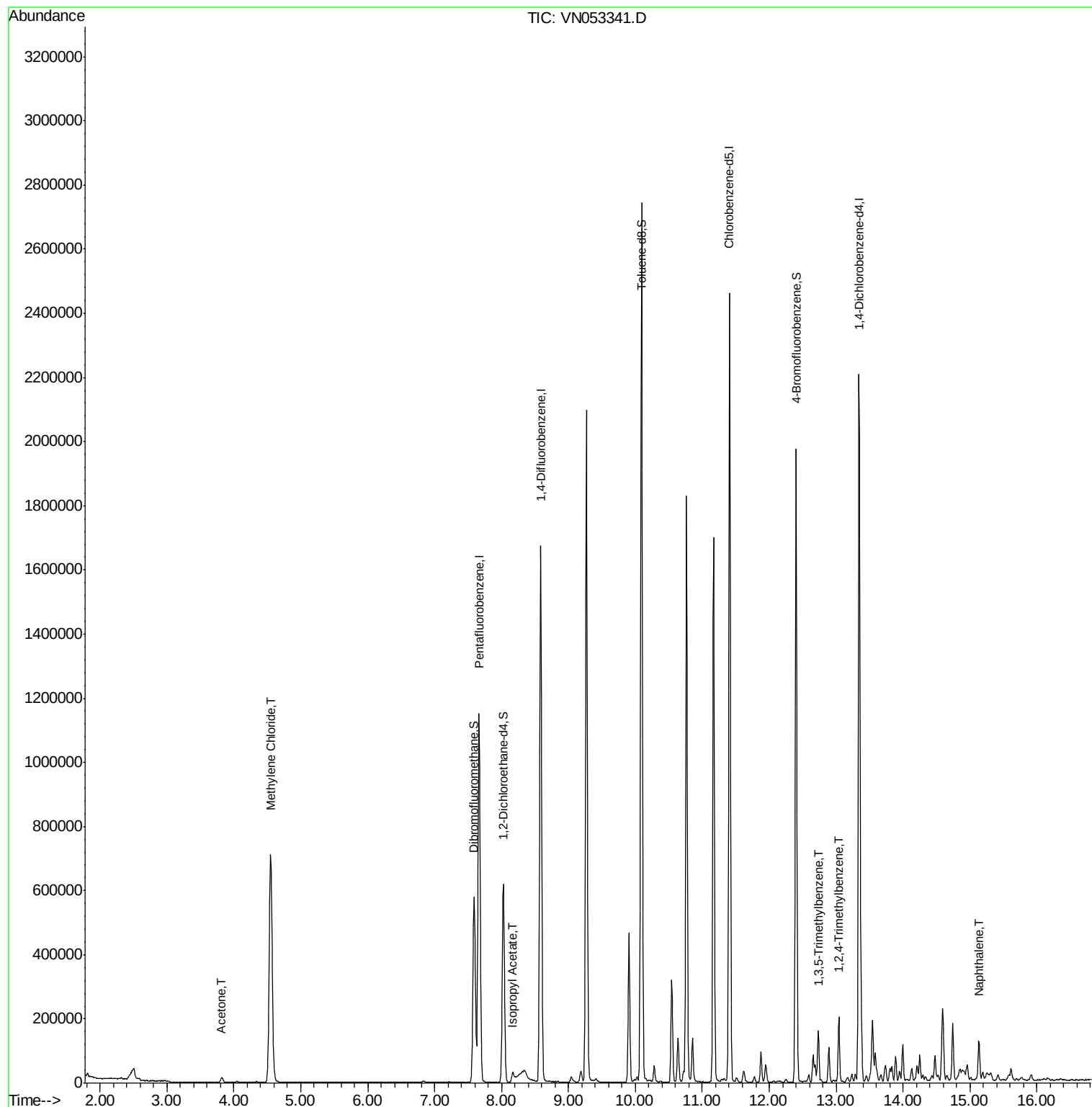
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1028553	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1596871	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1509702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	632875	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	510651	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	
35) Dibromofluoromethane	7.59	113	452928	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	
50) Toluene-d8	10.09	98	1980994	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
62) 4-Bromofluorobenzene	12.40	95	693480	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
Target Compounds						
16) Acetone	3.82	43	25555	7.757	ug/l	97
20) Methylene Chloride	4.55	84	569671	49.567	ug/l	98
43) Isopropyl Acetate	8.17	43	41978	2.198	ug/l #	80
80) 1,3,5-Trimethylbenzene	12.73	105	85144	2.243	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	118828	3.073	ug/l	99
95) Naphthalene	15.13	128	109299	9.823	ug/l	99

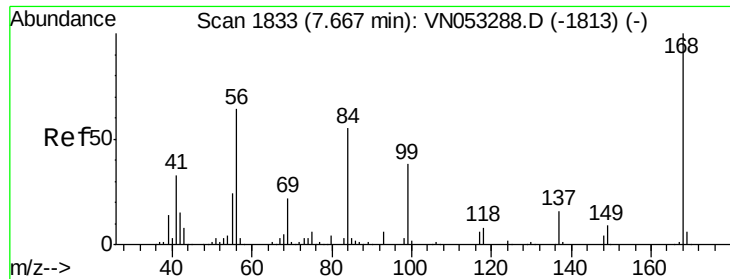
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011019\
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Acq On : 10 Jan 2019 15:01
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Quant Title : SW846 8260
QLast Update : Mon Jan 07 09:34:27 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN053341.D

Acq: 10 Jan 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

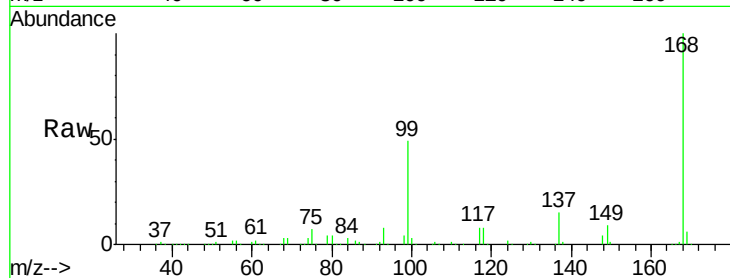
HR-06-010918-B

Tot Ion:168 Resp: 1028553

Ion Ratio Lower Upper

168 100

99 49.4 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

400000

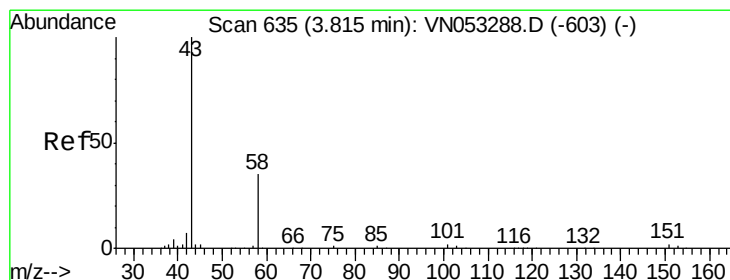
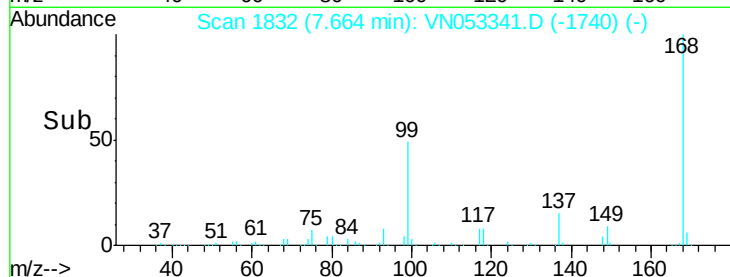
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 7.757 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053341.D

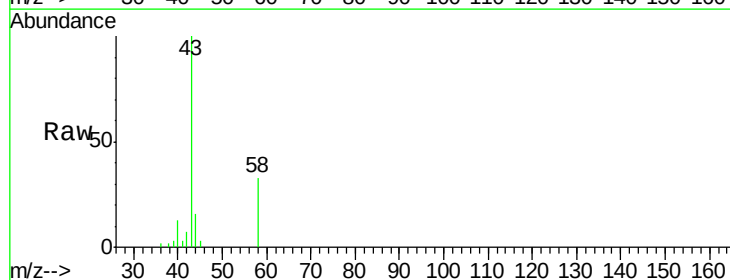
Acq: 10 Jan 2019 15:01

Tgt Ion: 43 Resp: 25555

Ion Ratio Lower Upper

43 100

58 32.9 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

10000

8000

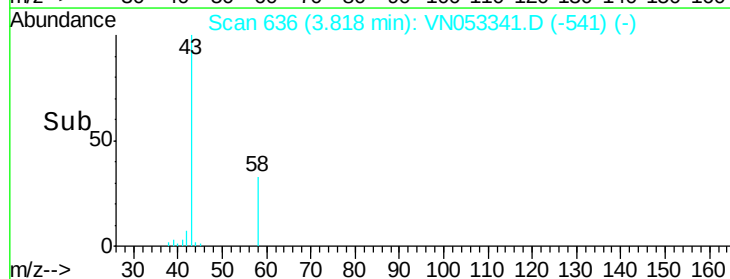
6000

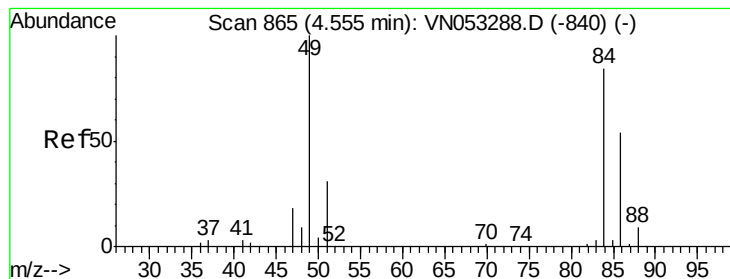
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 49.567 ug/l

RT: 4.55 min Scan# 864

Delta R.T. -0.00 min

Lab File: VN053341.D

Acq: 10 Jan 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

HR-06-010918-B

Tot Ion: 84 Resp: 569671

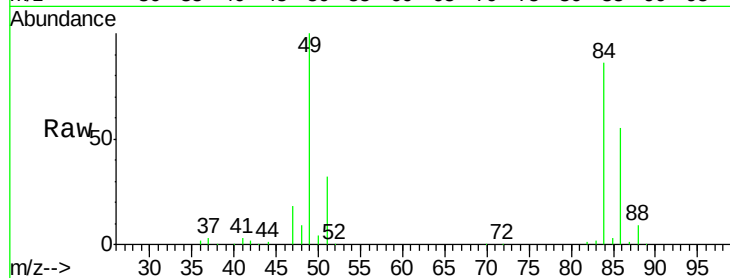
Ion Ratio Lower Upper

84 100

49 115.7 95.3 142.9

51 36.6 29.0 43.6

86 63.6 51.7 77.5

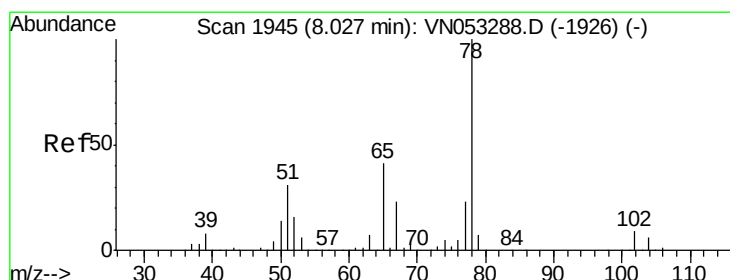
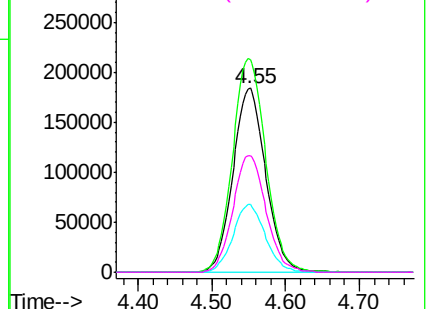
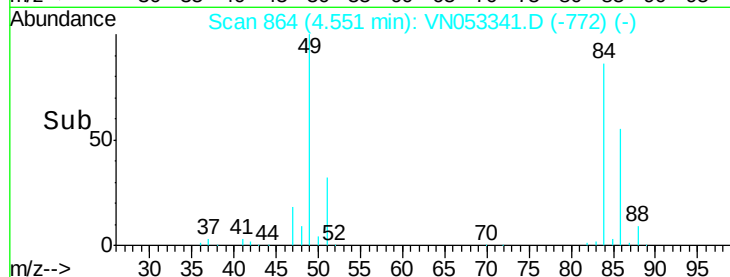


Abundance Ion 83.90 (83.60 to 84.60): VN0

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



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053341.D

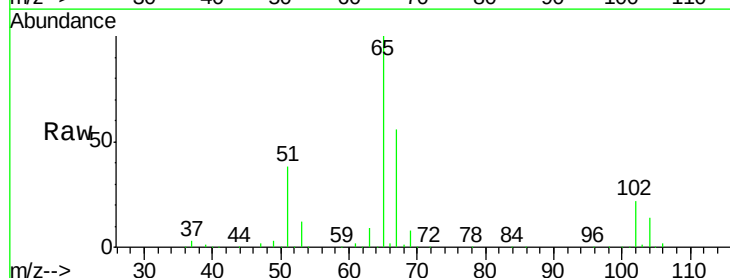
Acq: 10 Jan 2019 15:01

Tgt Ion: 65 Resp: 510651

Ion Ratio Lower Upper

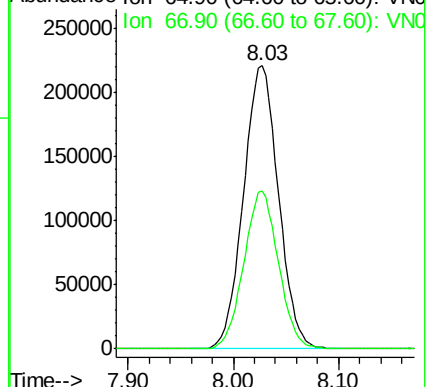
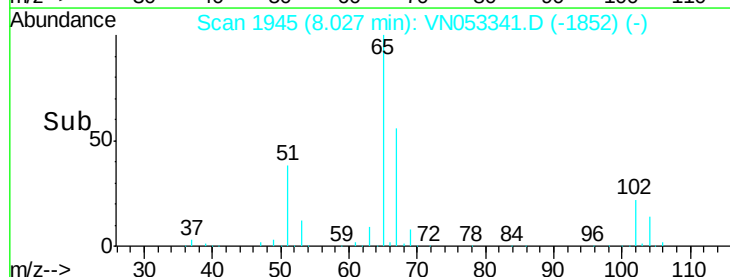
65 100

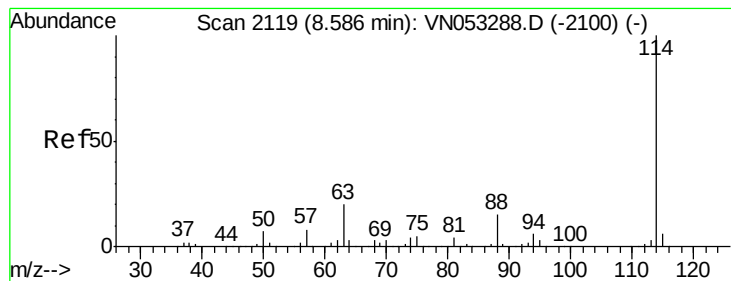
67 55.2 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN053341.D

Acq: 10 Jan 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

HR-06-010918-B

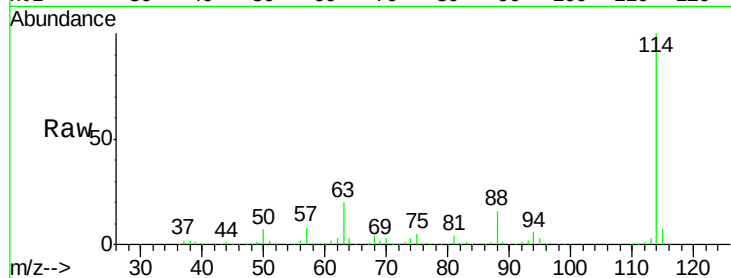
Tot Ion:114 Resp: 1596871

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.0

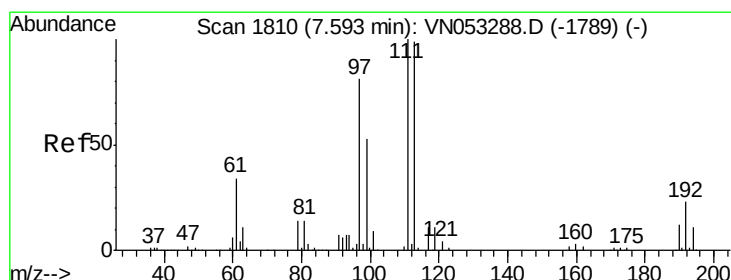
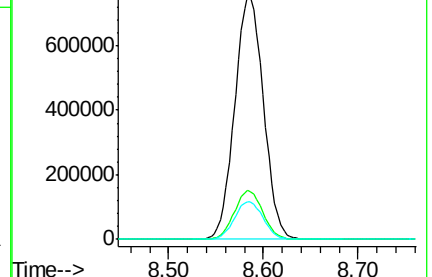
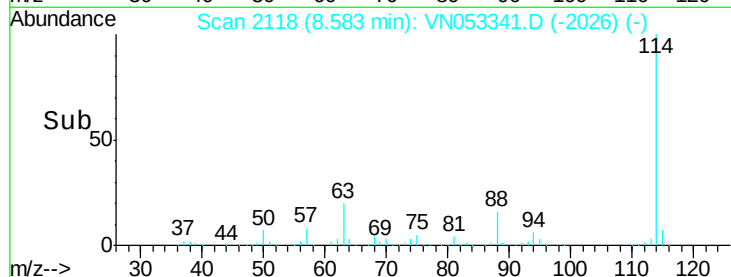
88 15.6 0.0 30.8



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# 1809

Delta R.T. -0.00 min

Lab File: VN053341.D

Acq: 10 Jan 2019 15:01

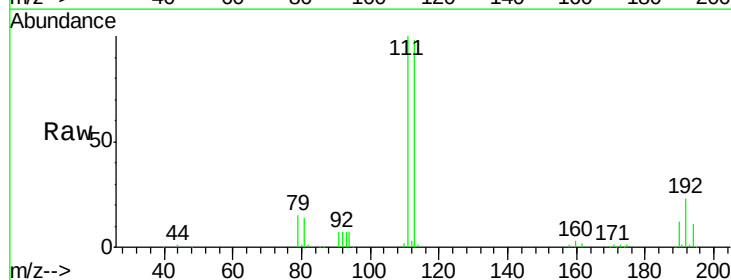
Tgt Ion:113 Resp: 452928

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.2

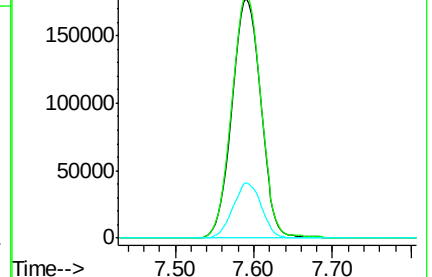
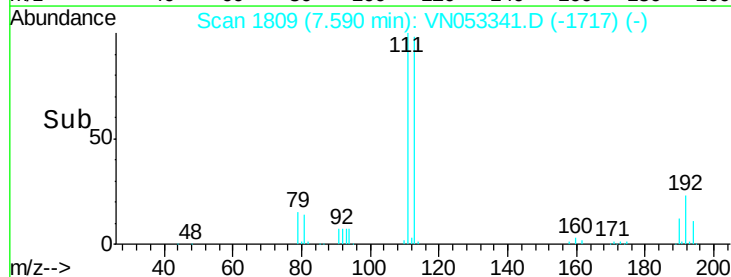
192 22.7 17.9 26.9

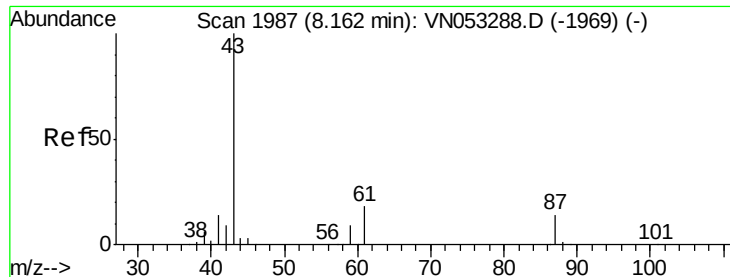


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.198 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN053341.D

Acq: 10 Jan 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

HR-06-010918-B

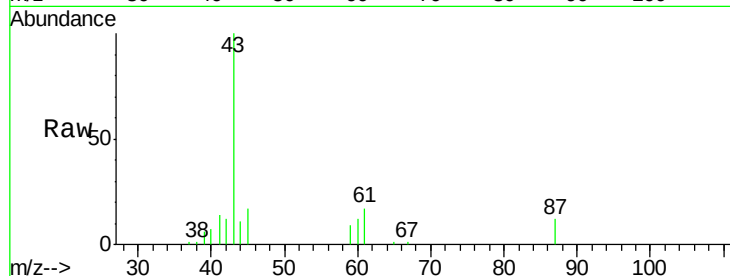
Tot Ion: 43 Resp: 41978

Ion Ratio Lower Upper

43 100

61 15.4 23.3 34.9#

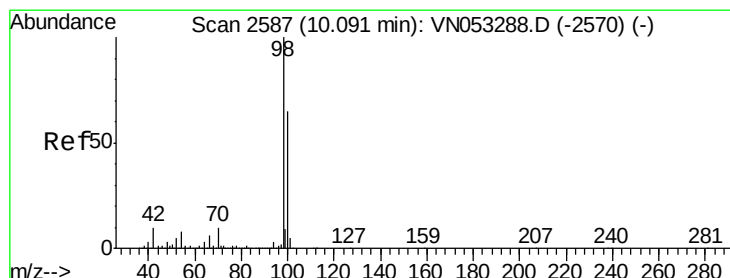
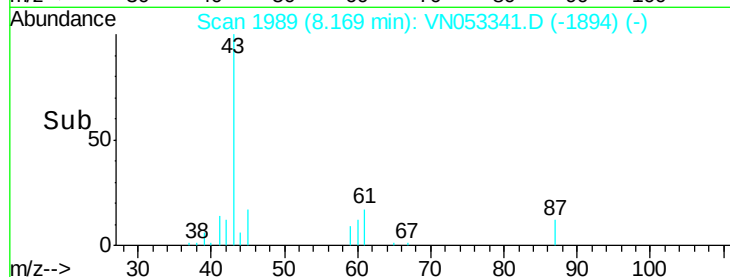
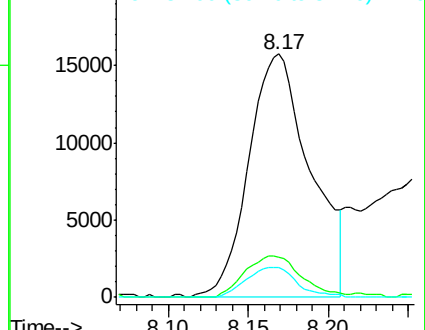
87 10.1 10.8 16.2#



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: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053341.D

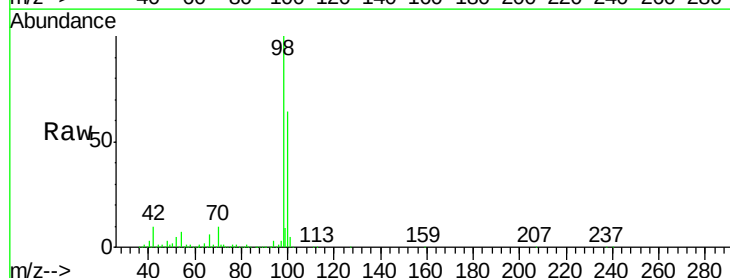
Acq: 10 Jan 2019 15:01

Tgt Ion: 98 Resp: 1980994

Ion Ratio Lower Upper

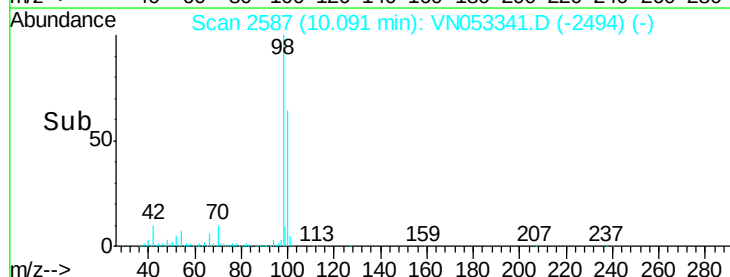
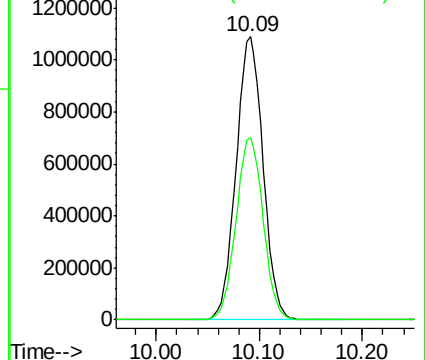
98 100

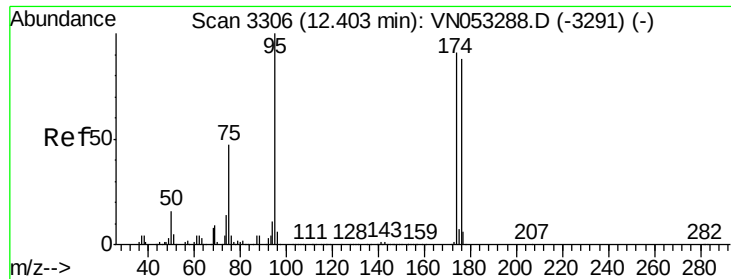
100 64.8 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053341.D

Acq: 10 Jan 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

HR-06-010918-B

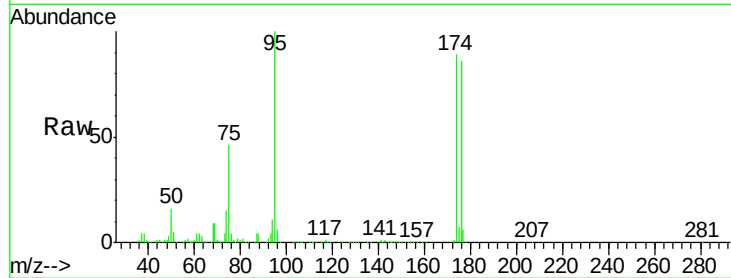
Tot Ion: 95 Resp: 693480

Ion Ratio Lower Upper

95 100

174 89.9 0.0 180.4

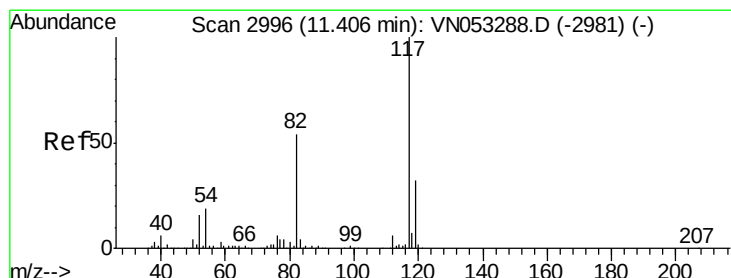
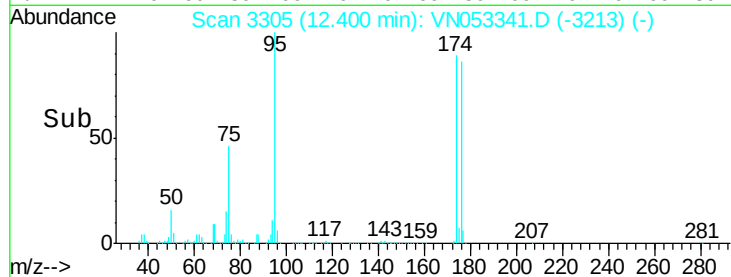
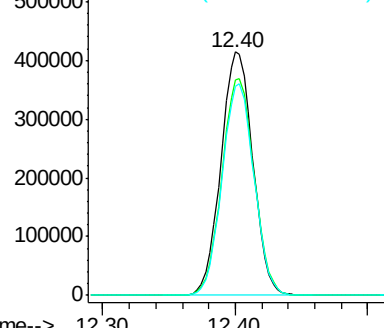
176 87.0 0.0 175.6



Abundance Ion 94.90 (94.60 to 95.60): VN053288.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053288.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053288.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053341.D

Acq: 10 Jan 2019 15:01

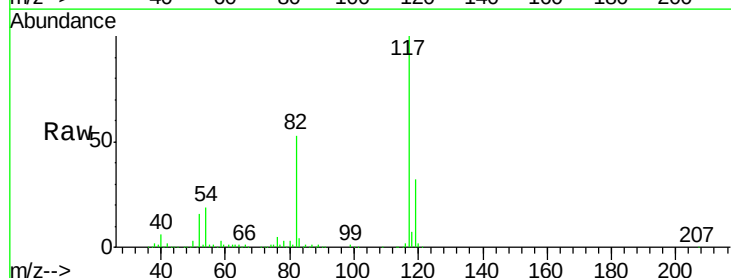
Tgt Ion: 117 Resp: 1509702

Ion Ratio Lower Upper

117 100

82 53.1 42.9 64.3

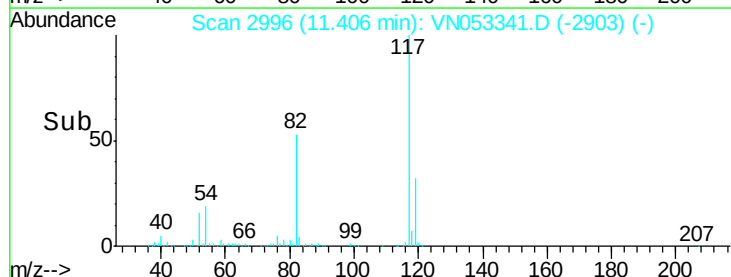
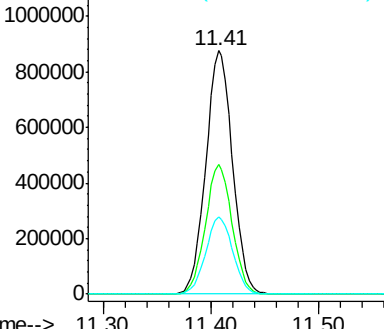
119 31.6 25.6 38.4

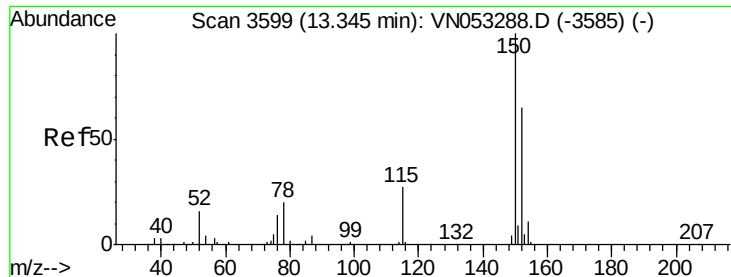


Abundance Ion 116.90 (116.60 to 117.60): VN053288.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN053288.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN053288.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053341.D

Acq: 10 Jan 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

HR-06-010918-B

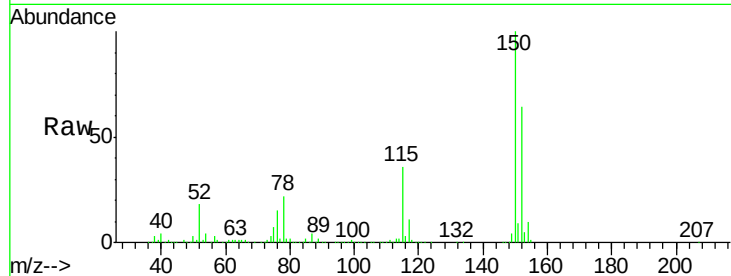
Tot Ion:152 Resp: 632875

Ion Ratio Lower Upper

152 100

115 56.5 28.0 84.0

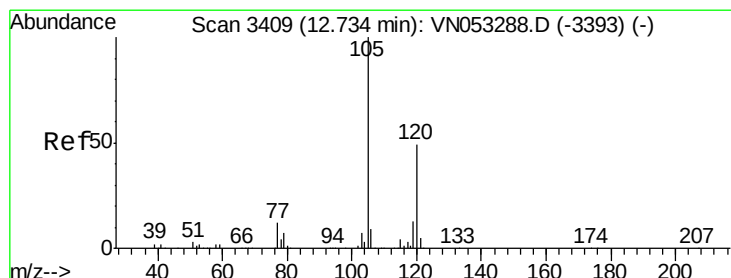
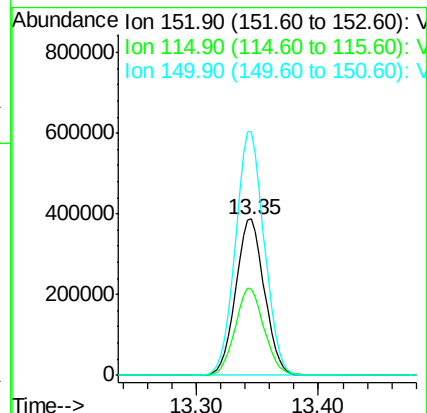
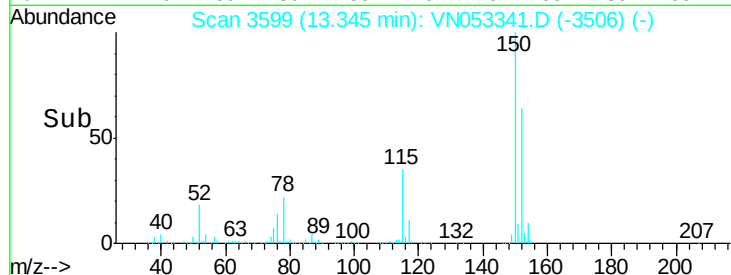
150 156.4 0.0 346.6



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: 2.243 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053341.D

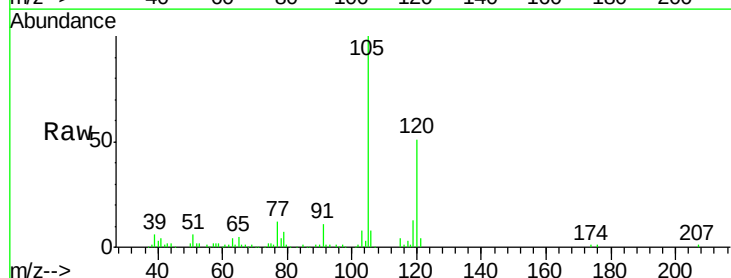
Acq: 10 Jan 2019 15:01

Tgt Ion:105 Resp: 85144

Ion Ratio Lower Upper

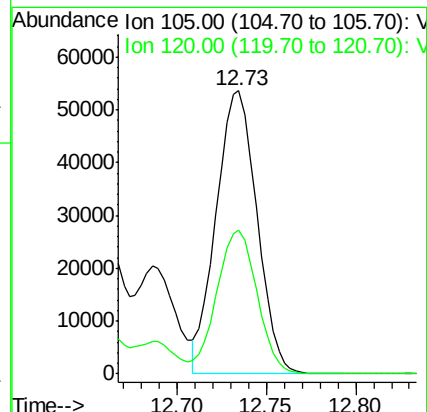
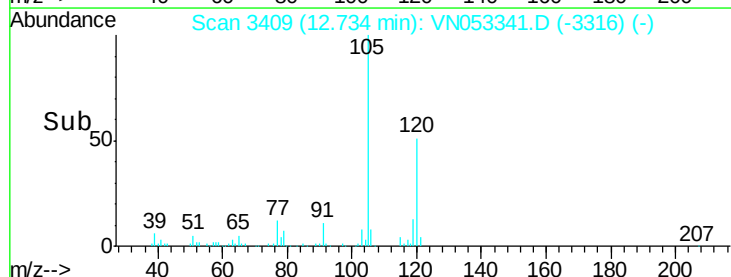
105 100

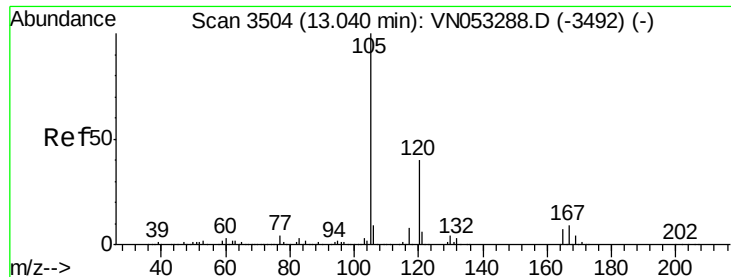
120 50.3 24.7 74.1



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: 3.073 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053341.D

Acq: 10 Jan 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

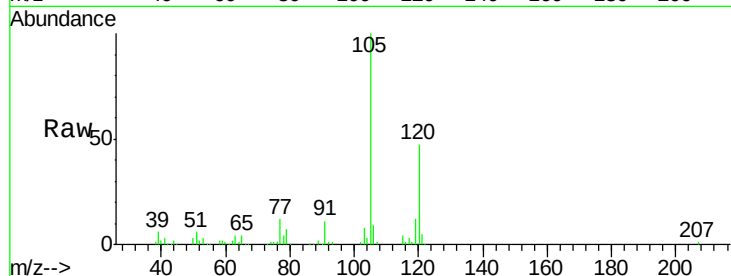
HR-06-010918-B

Tot Ion:105 Resp: 118828

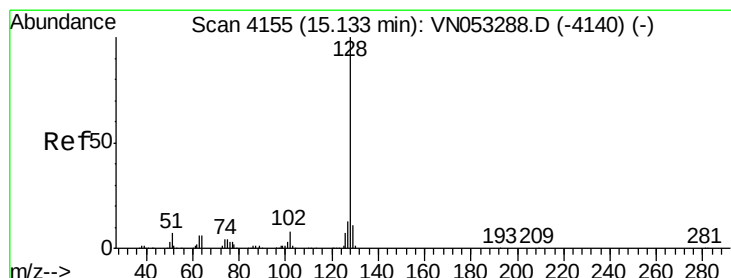
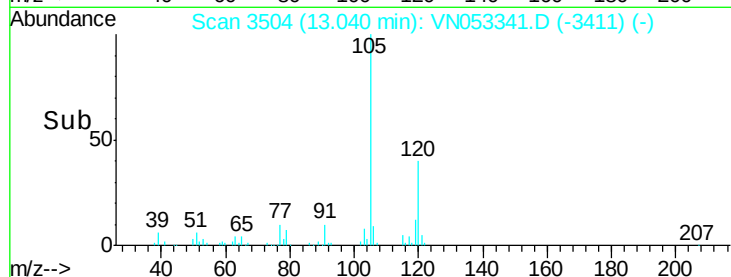
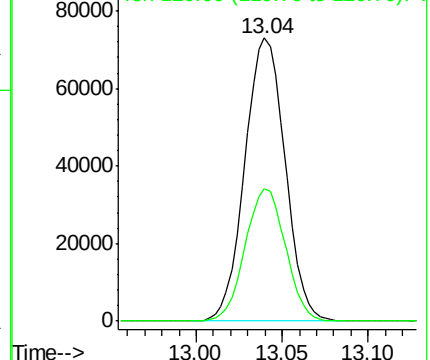
Ion Ratio Lower Upper

105 100

120 46.9 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 9.823 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053341.D

Acq: 10 Jan 2019 15:01

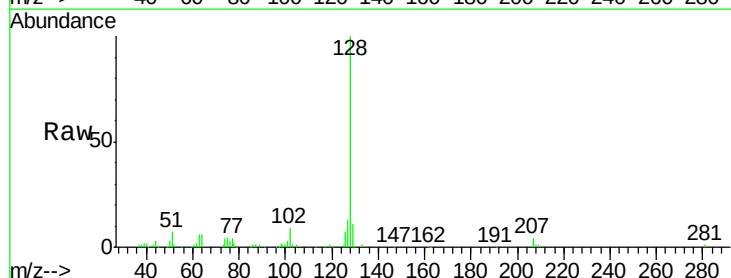
Tgt Ion:128 Resp: 109299

Ion Ratio Lower Upper

128 100

127 12.5 10.4 15.6

129 10.7 8.7 13.1



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

