

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091018\
 Data File : VN051099.D
 Acq On : 11 Sep 2018 00:46
 Operator : MD\SY
 Sample : J4777-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PL-05-090718-A

Quant Time: Sep 11 05:27:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	627490	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	991316	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	846831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	292654	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	380156	54.44	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.88%	
35) Dibromofluoromethane	7.59	113	369967	49.67	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.34%	
50) Toluene-d8	10.09	98	1353437	47.88	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.76%	
62) 4-Bromofluorobenzene	12.40	95	380127	40.65	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	81.30%	

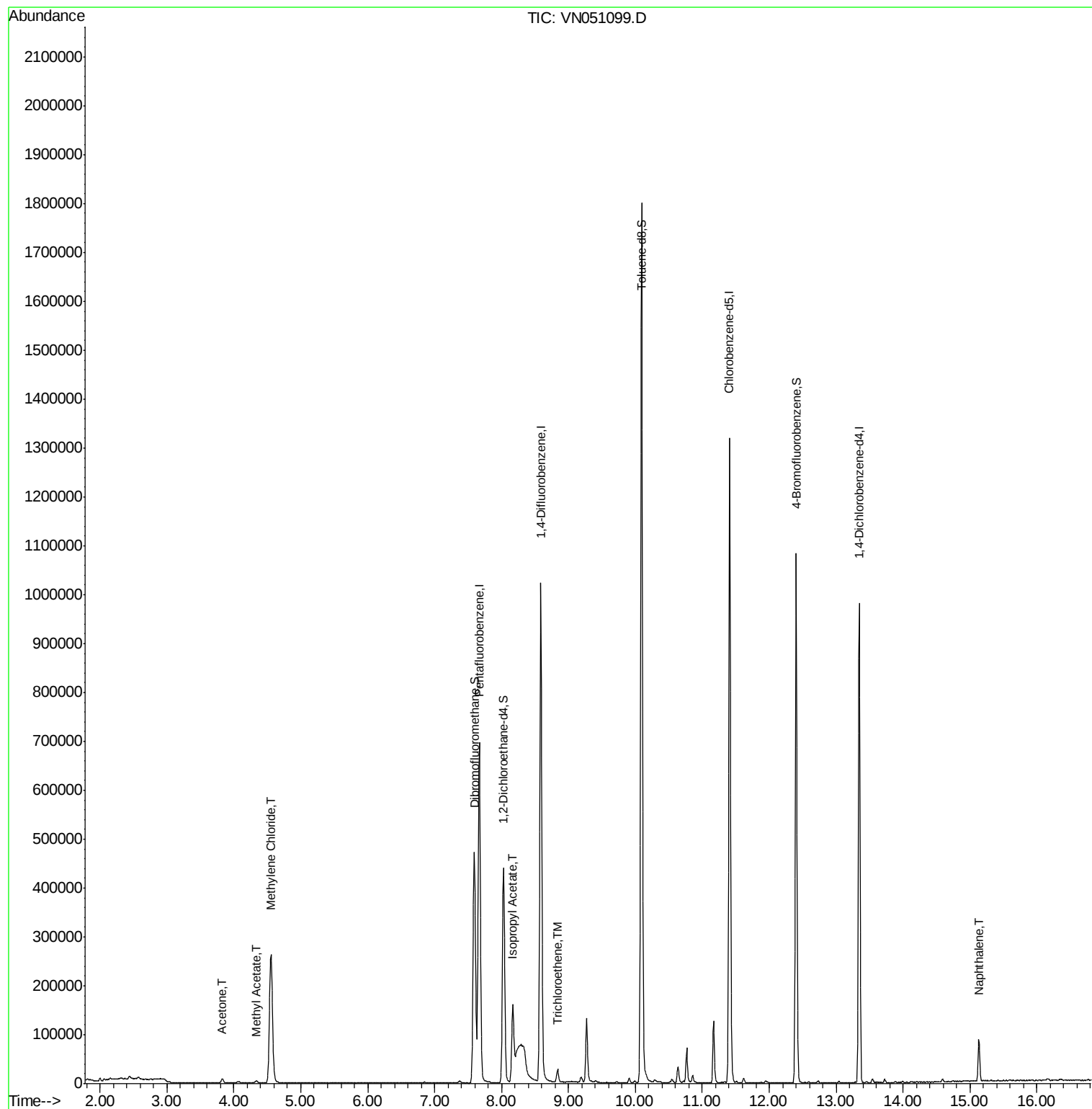
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	13347	1.94	ug/l #	88
18) Methyl Acetate	4.34	43	8158	1.46	ug/l #	81
20) Methylene Chloride	4.55	84	217211	28.16	ug/l	98
43) Isopropyl Acetate	8.17	43	201007	18.07	ug/l #	85
44) Trichloroethene	8.83	130	10750	1.20	ug/l	98
95) Naphthalene	15.13	128	75941	11.50	ug/l	99

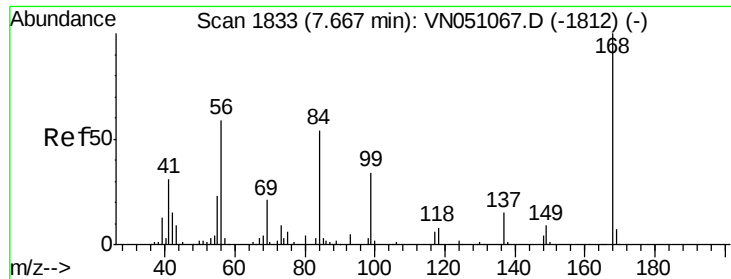
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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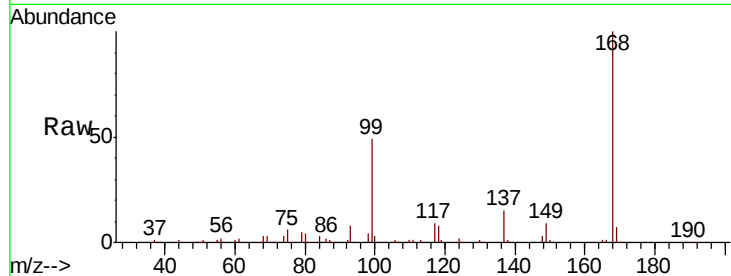


#1

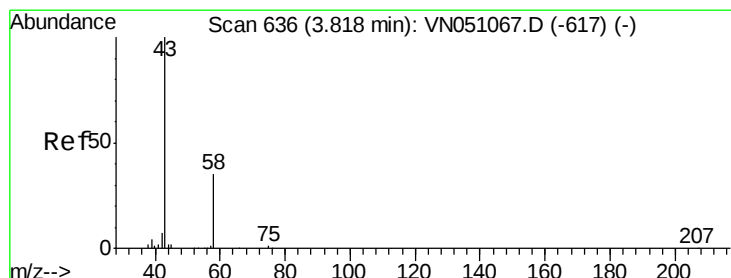
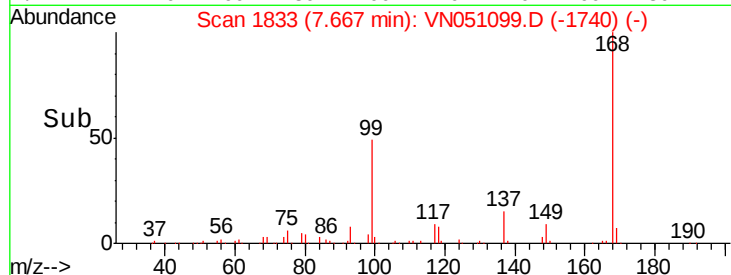
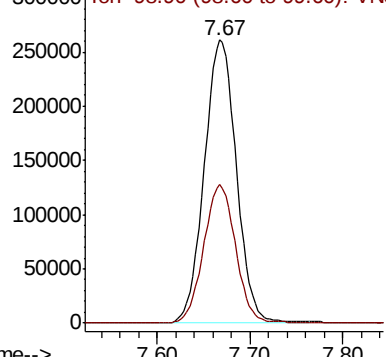
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VN051099.D
 Acq: 11 Sep 2018 00:46

Instrument :
 MSVOA_N
 ClientSampleId :
 PL-05-090718-A

Tot Ion:168 Resp: 627490
 Ion Ratio Lower Upper
 168 100
 99 48.9 38.3 57.5



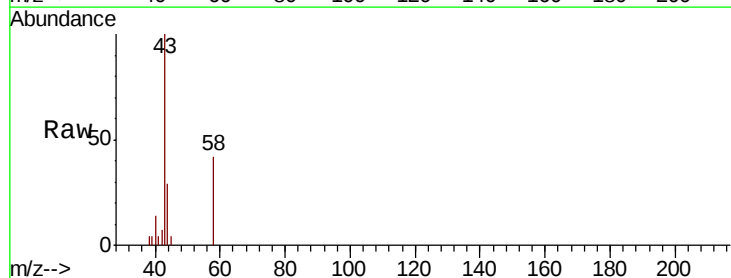
Abundance Ion 167.90 (167.60 to 168.60): VN051067.D (-1812) (-)
 Ion 98.90 (98.60 to 99.60): VN051067.D (-1812) (-)



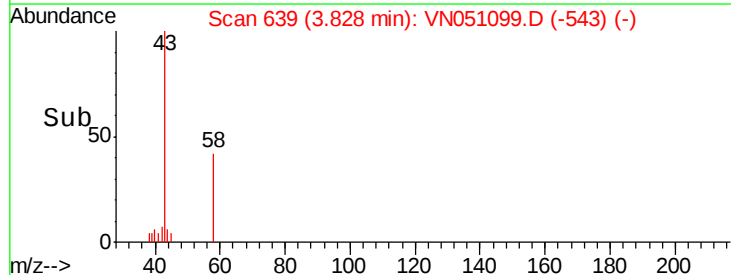
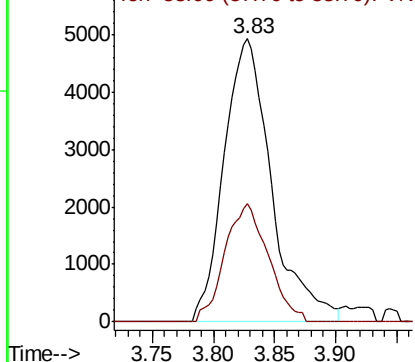
#16

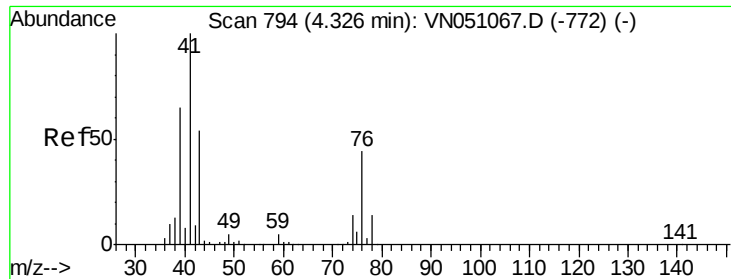
Acetone
 Concen: 1.94 ug/l
 RT: 3.83 min Scan# 639
 Delta R.T. 0.01 min
 Lab File: VN051099.D
 Acq: 11 Sep 2018 00:46

Tgt Ion: 43 Resp: 13347
 Ion Ratio Lower Upper
 43 100
 58 41.7 27.8 41.6#



Abundance Ion 43.00 (42.70 to 43.70): VN051067.D (-617) (-)
 Ion 58.00 (57.70 to 58.70): VN051067.D (-617) (-)





#18

Methyl Acetate

Concen: 1.46 ug/l

RT: 4.34 min Scan# 798

Delta R.T. 0.01 min

Lab File: VN051099.D

Acq: 11 Sep 2018 00:46

Instrument :

MSVOA_N

ClientSampleId :

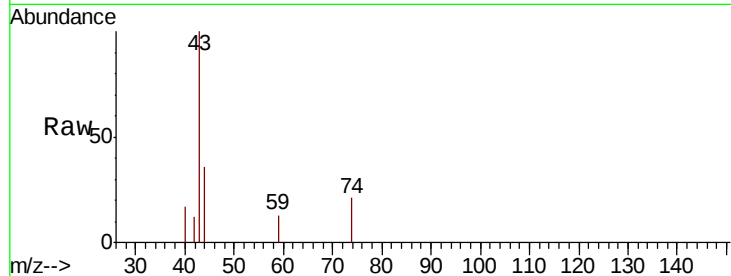
PL-05-090718-A

Tot Ion: 43 Resp: 8158

Ion Ratio Lower Upper

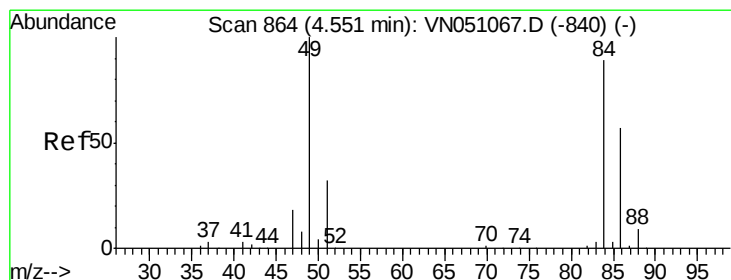
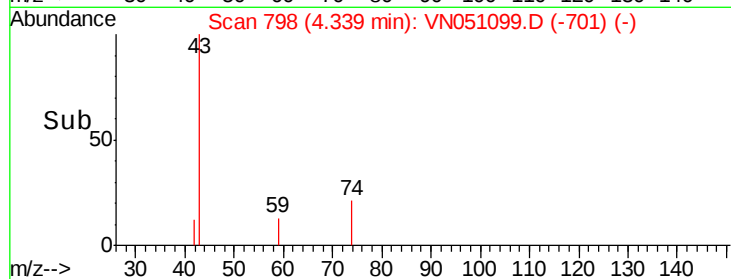
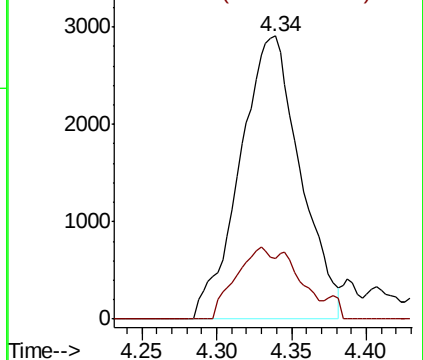
43 100

74 16.0 20.7 31.1#



Abundance Ion 43.00 (42.70 to 43.70): VN051067.D (-772) (-)

Ion 74.00 (73.70 to 74.70): VN051067.D (-772) (-)



#20

Methylene Chloride

Concen: 28.16 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN051099.D

Acq: 11 Sep 2018 00:46

Tgt Ion: 84 Resp: 217211

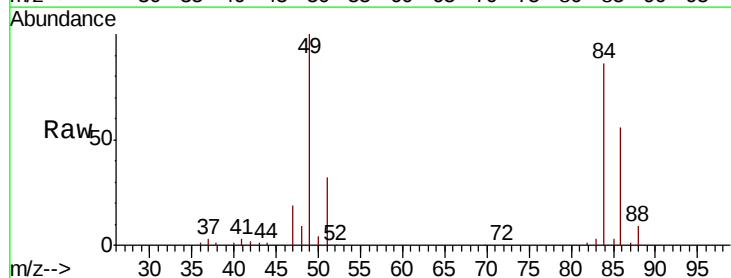
Ion Ratio Lower Upper

84 100

49 116.2 90.2 135.2

51 37.4 28.4 42.6

86 65.1 51.8 77.8

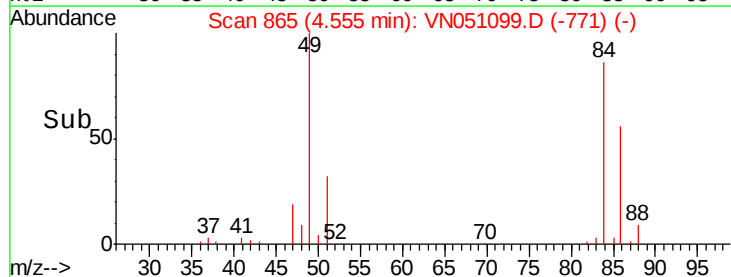
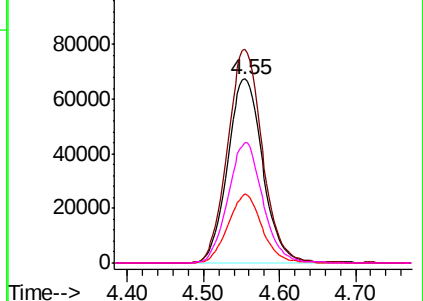


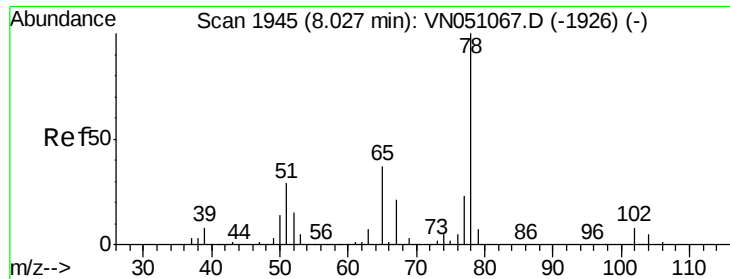
Abundance Ion 83.90 (83.60 to 84.60): VN051067.D (-840) (-)

Ion 48.90 (48.60 to 49.60): VN051067.D (-840) (-)

Ion 50.90 (50.60 to 51.60): VN051067.D (-840) (-)

Ion 85.90 (85.60 to 86.60): VN051067.D (-840) (-)

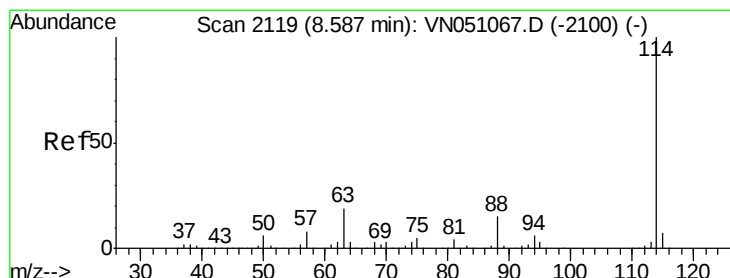
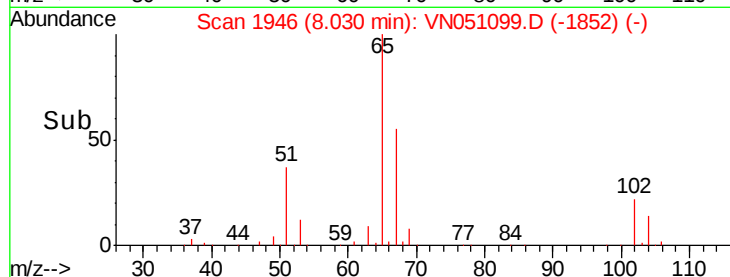
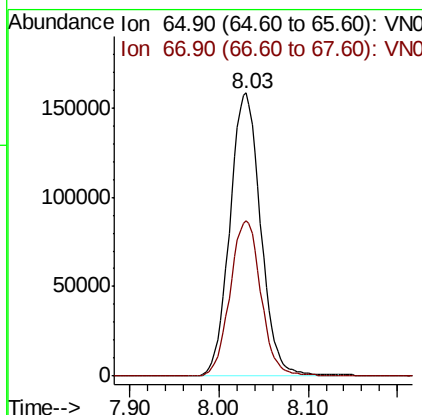
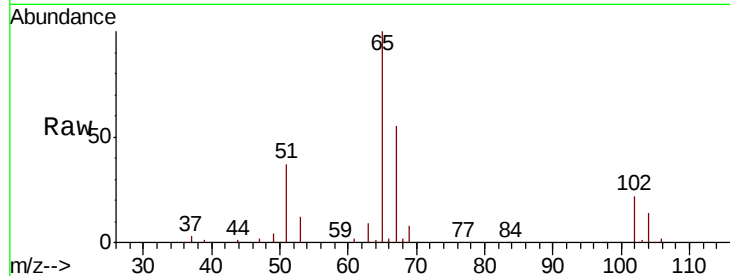




#33
 1,2-Dichloroethane-d4
 Concen: 54.44 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051099.D
 Acq: 11 Sep 2018 00:46

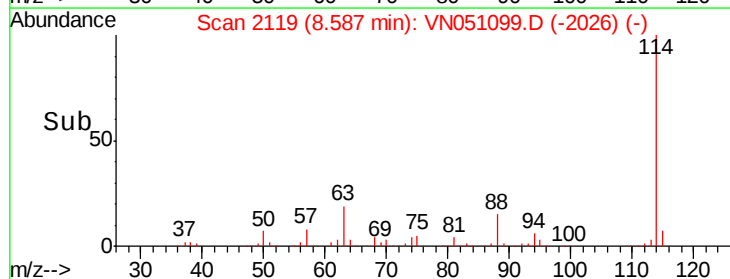
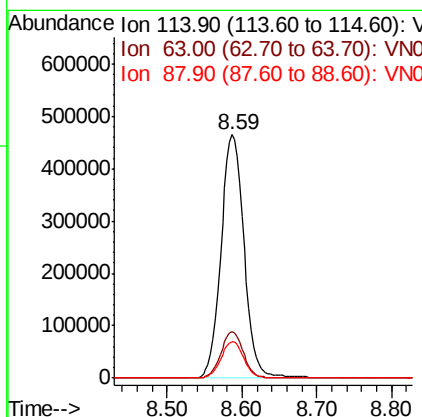
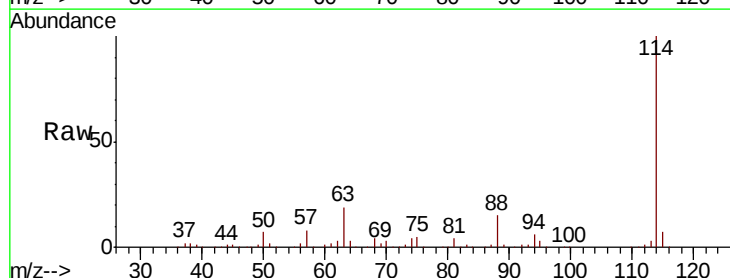
Instrument :
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 PL-05-090718-A

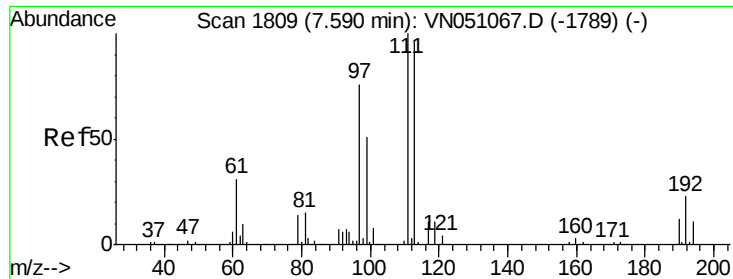
Tot Ion: 65 Resp: 380156
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051099.D
 Acq: 11 Sep 2018 00:46

Tgt Ion: 114 Resp: 991316
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 37.8
 88 15.2 0.0 30.8

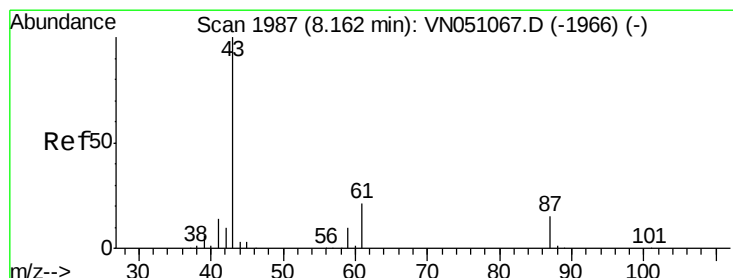
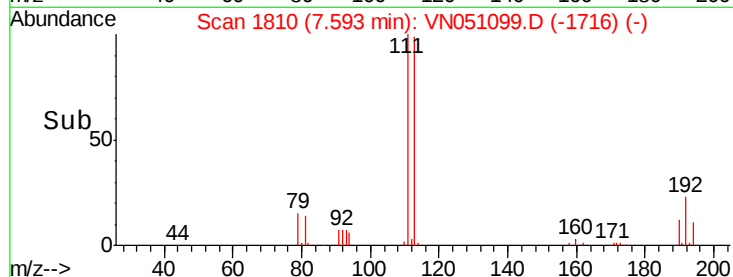
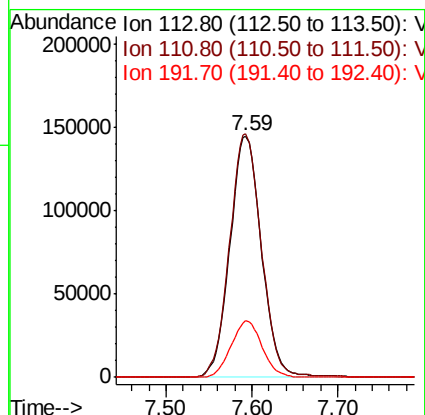
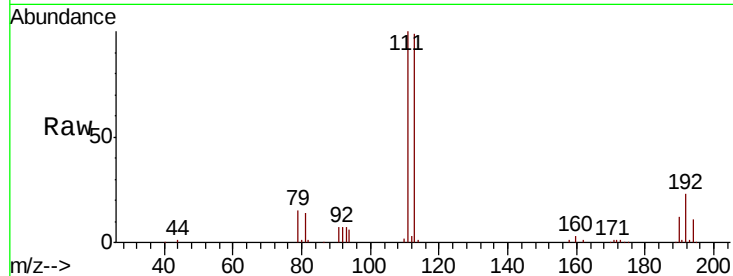




#35
 Dibromofluoromethane
 Concen: 49.67 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051099.D
 Acq: 11 Sep 2018 00:46

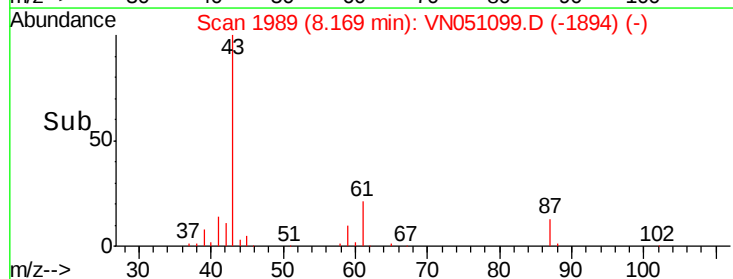
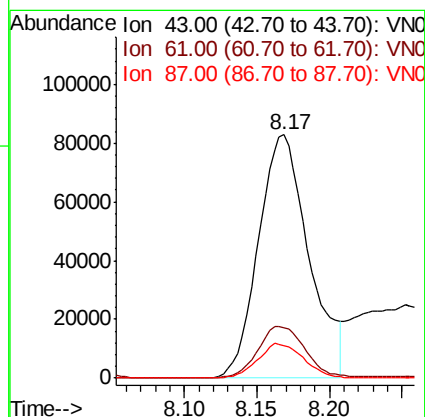
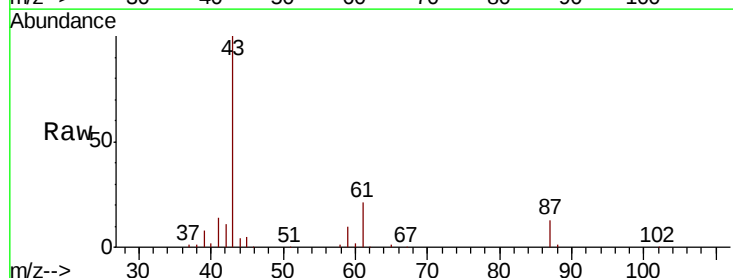
Instrument :
 MSVOA_N
 ClientSampleId :
 PL-05-090718-A

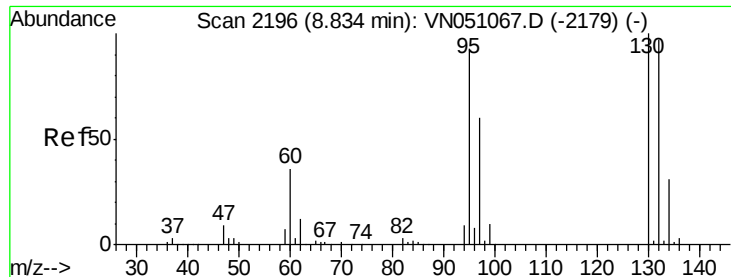
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.0	83.0	124.6
192	23.2	18.7	28.1



#43
 Isopropyl Acetate
 Concen: 18.07 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VN051099.D
 Acq: 11 Sep 2018 00:46

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.5	25.0	37.6#
87	12.9	11.8	17.8





#44

Trichloroethene

Concen: 1.20 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN051099.D

Acq: 11 Sep 2018 00:46

Instrument :

MSVOA_N

ClientSampleId :

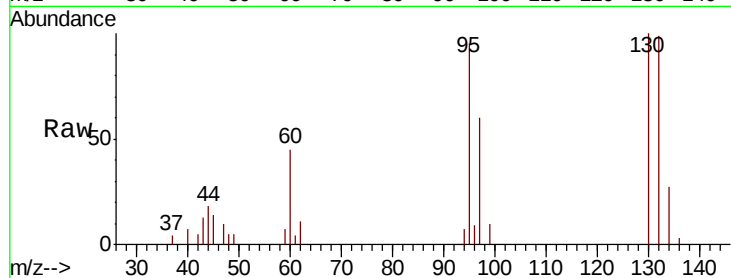
PL-05-090718-A

Tot Ion:130 Resp: 10750

Ion Ratio Lower Upper

130 100

95 95.0 0.0 186.2



Abundance Ion 129.80 (129.50 to 130.50): VN051067.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN051067.D (-2179) (-)

8.83

6000

5000

4000

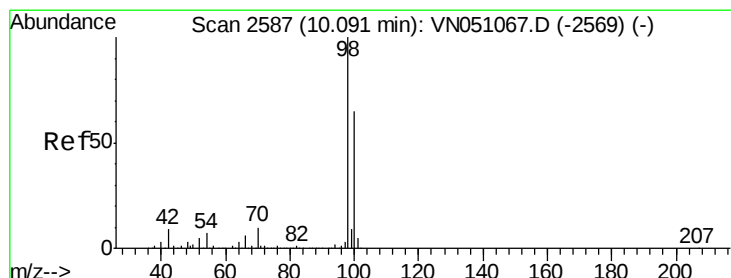
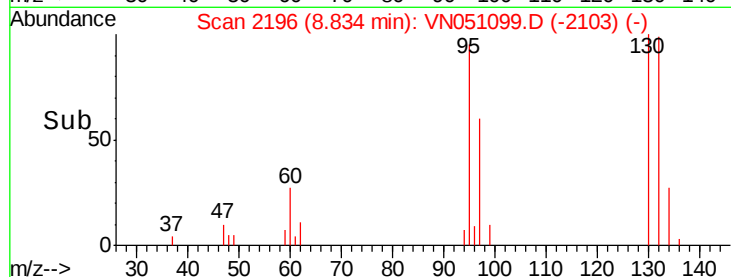
3000

2000

1000

0

Time--> 8.75 8.80 8.85 8.90



#50

Toluene-d8

Concen: 47.88 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051099.D

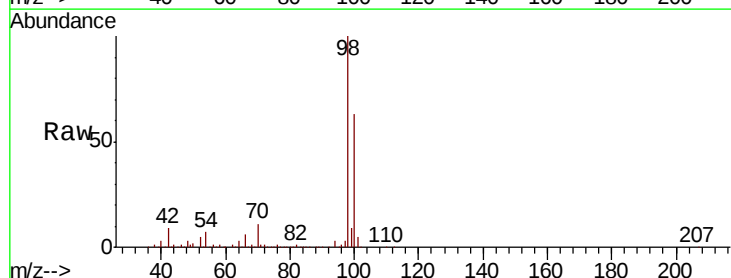
Acq: 11 Sep 2018 00:46

Tgt Ion: 98 Resp: 1353437

Ion Ratio Lower Upper

98 100

100 63.1 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN051067.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN051067.D (-2569) (-)

10.09

800000

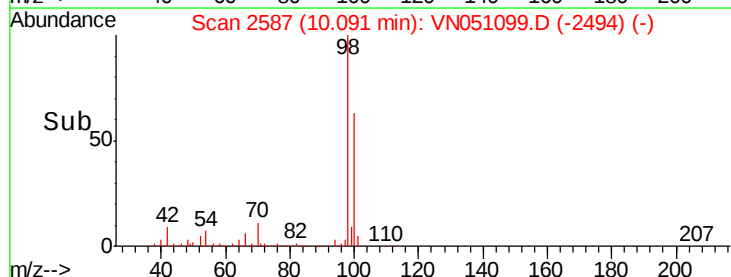
600000

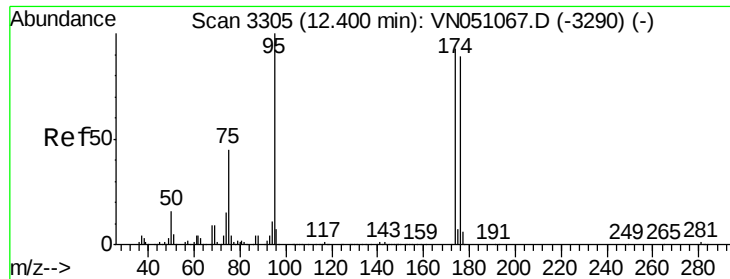
400000

200000

0

Time--> 10.00 10.10 10.20 10.30





#62

4-Bromofluorobenzene

Concen: 40.65 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051099.D

Acq: 11 Sep 2018 00:46

Instrument :

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ClientSampleId :

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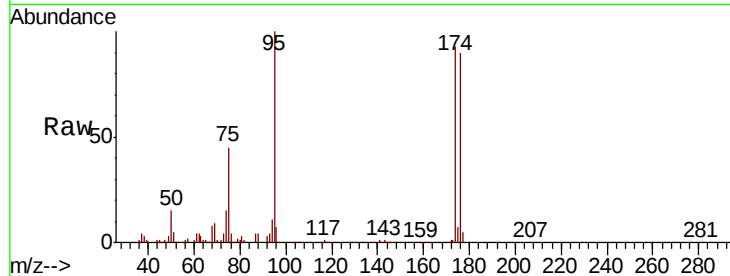
Tot Ion: 95 Resp: 380127

Ion Ratio Lower Upper

95 100

174 91.9 0.0 184.8

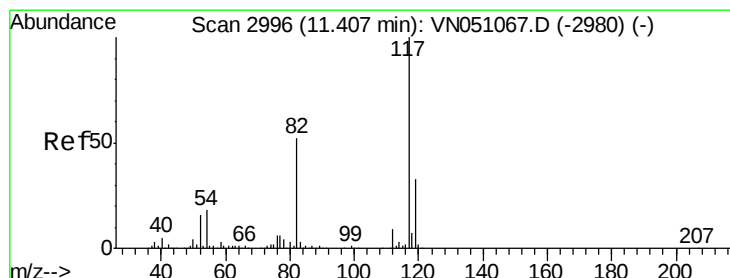
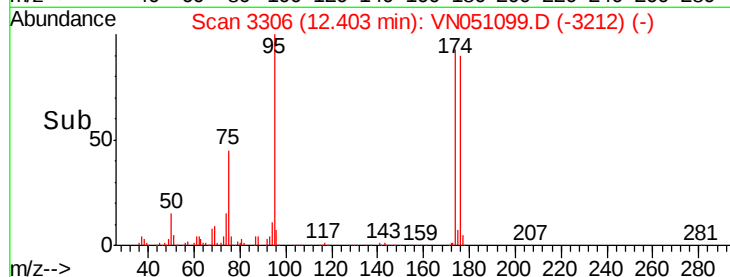
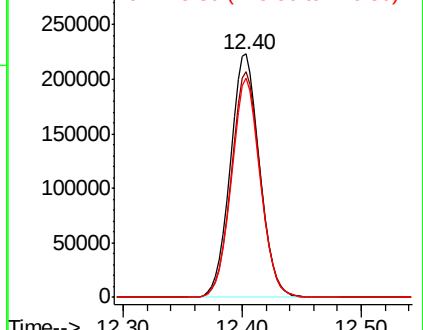
176 88.4 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VN051067.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN051067.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN051067.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN051099.D

Acq: 11 Sep 2018 00:46

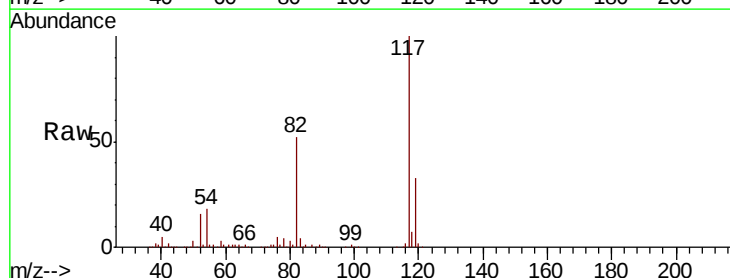
Tgt Ion: 117 Resp: 846831

Ion Ratio Lower Upper

117 100

82 52.5 41.8 62.6

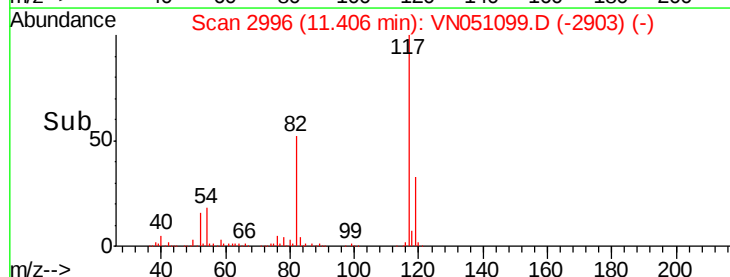
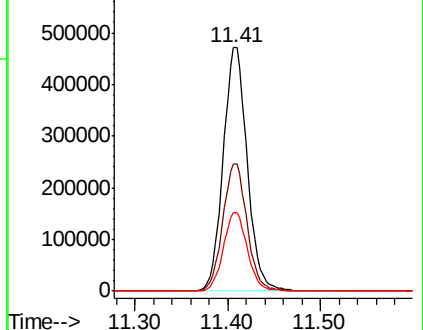
119 32.5 26.2 39.2

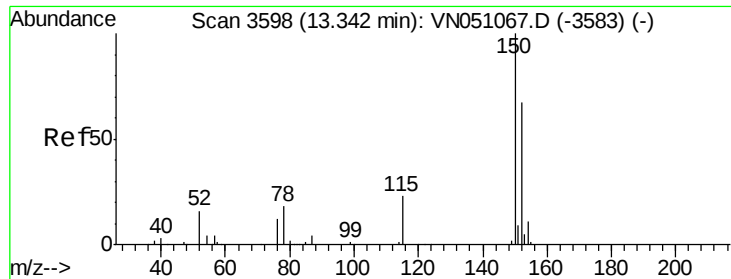


Abundance Ion 116.90 (116.60 to 117.60): VN051067.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN051067.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN051067.D (-2980) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051099.D

Acq: 11 Sep 2018 00:46

Instrument :

MSVOA_N

ClientSampleId :

PL-05-090718-A

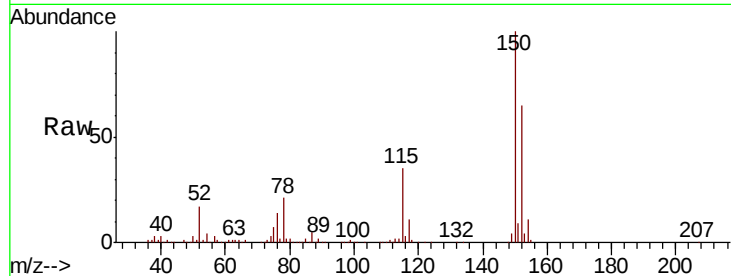
Tot Ion:152 Resp: 292654

Ion Ratio Lower Upper

152 100

115 55.2 28.2 84.7

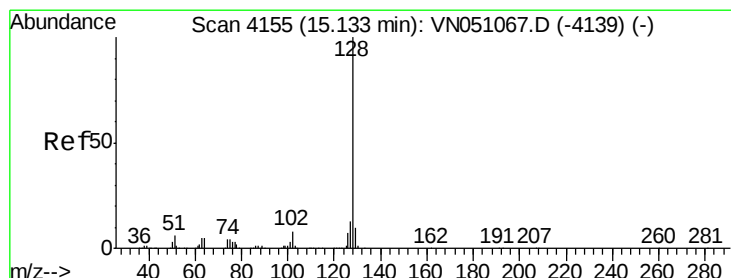
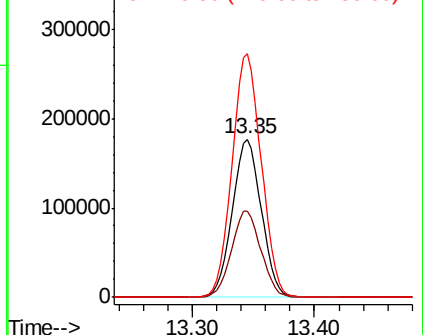
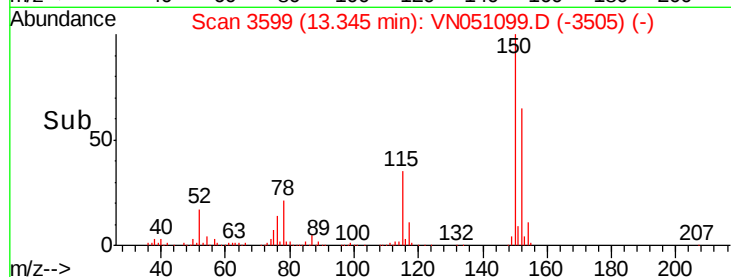
150 154.9 0.0 349.0



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



#95

Naphthalene

Concen: 11.50 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051099.D

Acq: 11 Sep 2018 00:46

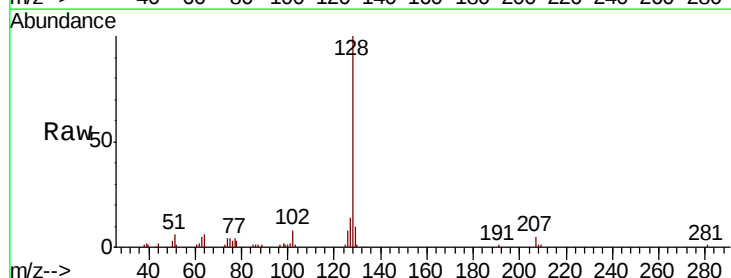
Tgt Ion:128 Resp: 75941

Ion Ratio Lower Upper

128 100

127 13.9 10.6 15.8

129 10.3 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

