

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071918\
 Data File : VN049942.D
 Acq On : 20 Jul 2018 3:14
 Operator : MD\SY
 Sample : J4035-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-3

Quant Time: Jul 20 05:27:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	549661	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	934684	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	788886	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	300973	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	399982	52.94	ug/l	0.00
Spiked Amount			Recovery	=	105.88%	
35) Dibromofluoromethane	7.59	113	354458	45.17	ug/l	0.00
Spiked Amount			Recovery	=	90.34%	
50) Toluene-d8	10.09	98	1256918	43.96	ug/l	0.00
Spiked Amount			Recovery	=	87.92%	
62) 4-Bromofluorobenzene	12.40	95	349869	35.53	ug/l	0.00
Spiked Amount			Recovery	=	71.06%	

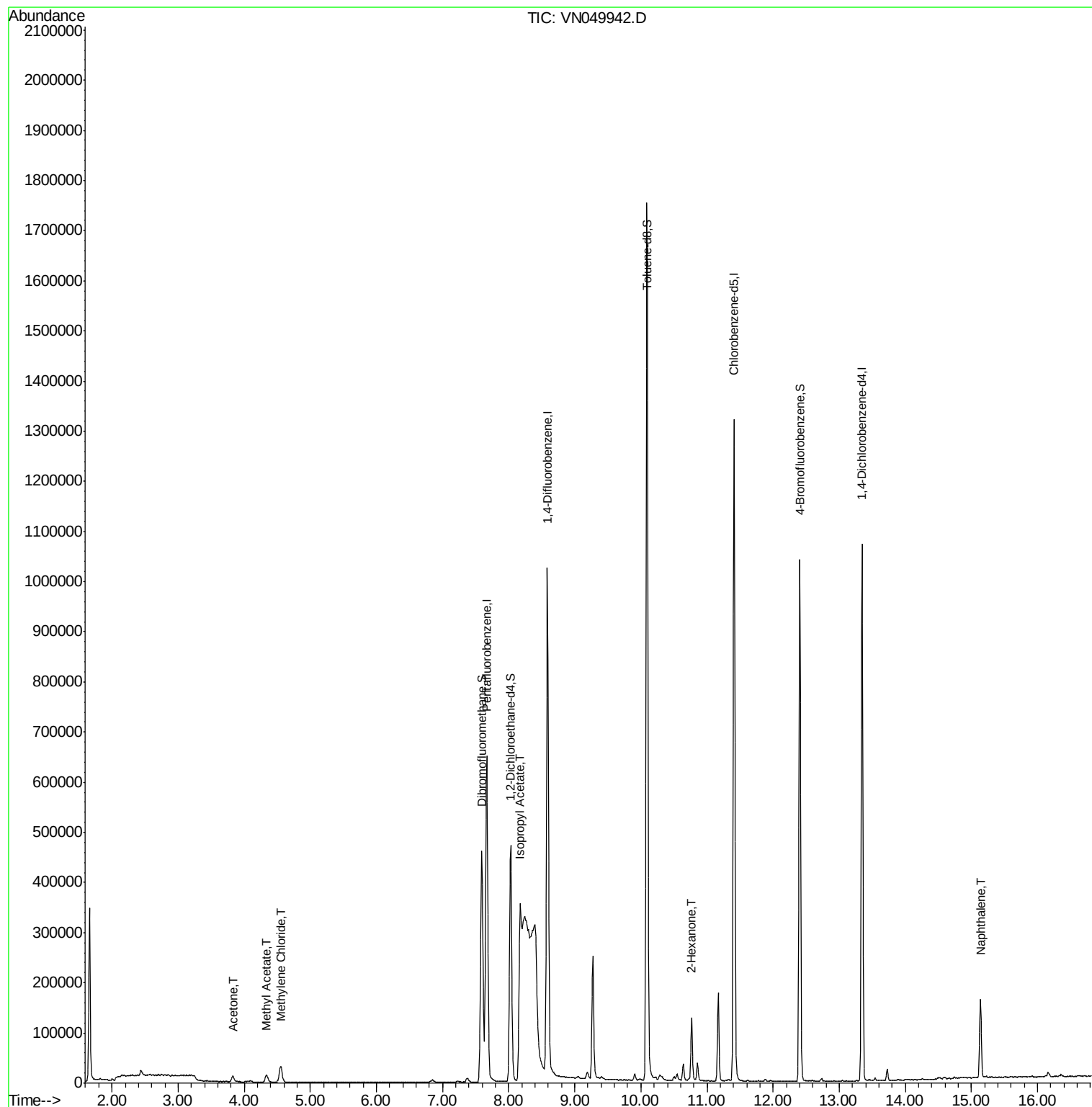
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	18914	9.67	ug/l	97
18) Methyl Acetate	4.33	43	30523	4.21	ug/l	93
20) Methylene Chloride	4.55	84	24383	3.28	ug/l	94
43) Isopropyl Acetate	8.17	43	410844	32.95	ug/l #	85
59) 2-Hexanone	10.77	43	17404	3.72	ug/l #	59
95) Naphthalene	15.14	128	139415	13.39	ug/l	99

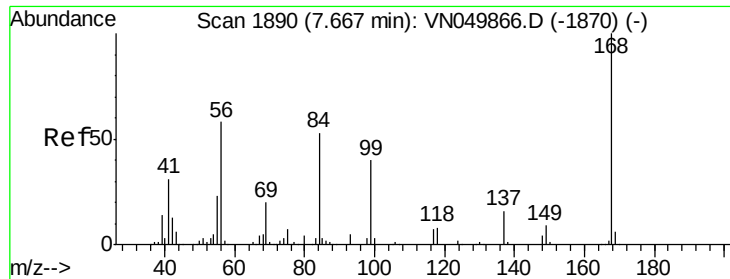
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049942.D

Acq: 20 Jul 2018 3:14

Instrument :

MSVOA_N

ClientSampled :

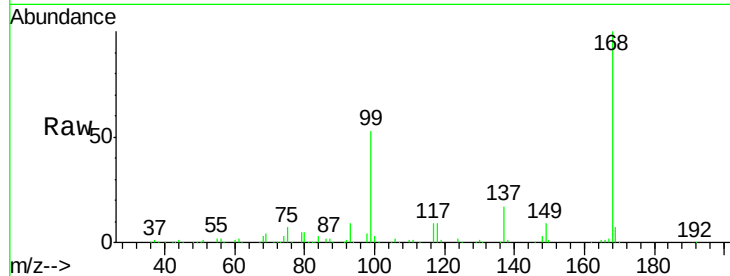
MH-3

Tot Ion:168 Resp: 549661

Ion Ratio Lower Upper

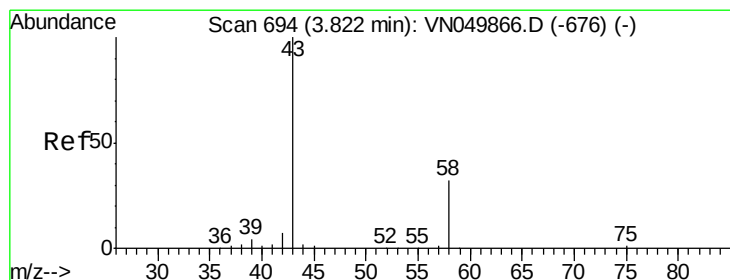
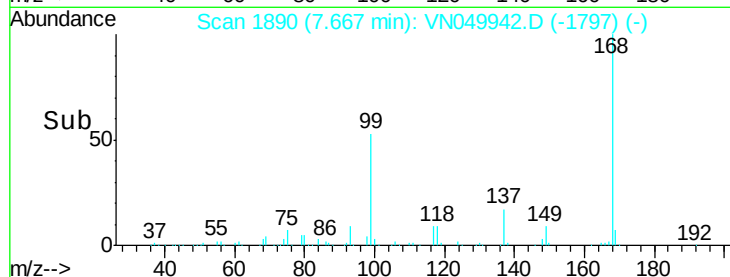
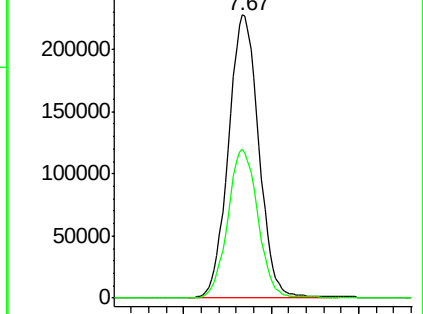
168 100

99 52.6 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 9.67 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049942.D

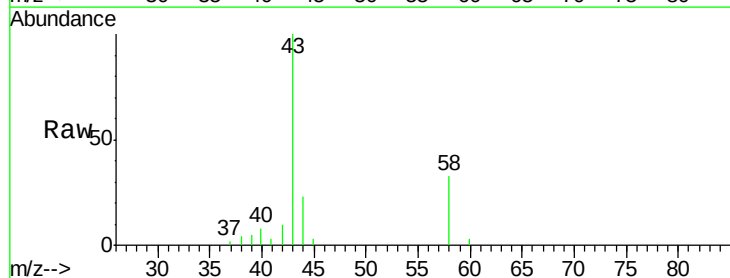
Acq: 20 Jul 2018 3:14

Tgt Ion: 43 Resp: 18914

Ion Ratio Lower Upper

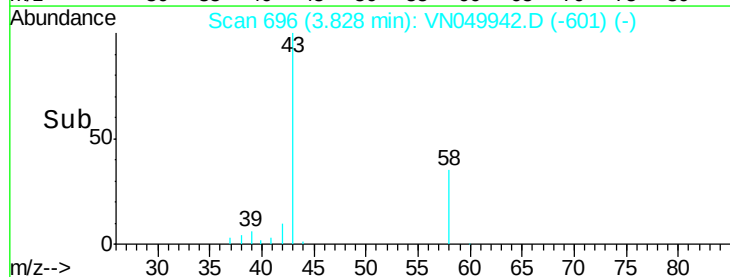
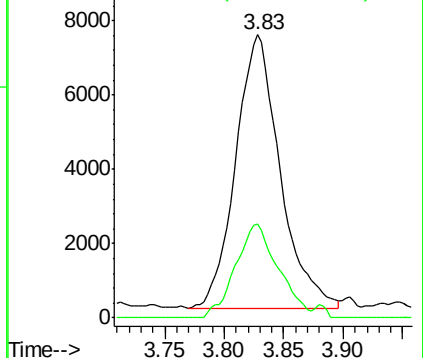
43 100

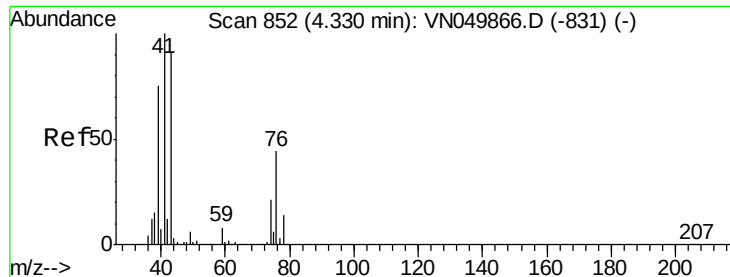
58 34.3 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#18

Methvl Acetate

Concen: 4.21 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.00 min

Lab File: VN049942.D

Acq: 20 Jul 2018 3:14

Instrument :

MSVOA_N

ClientSampled :

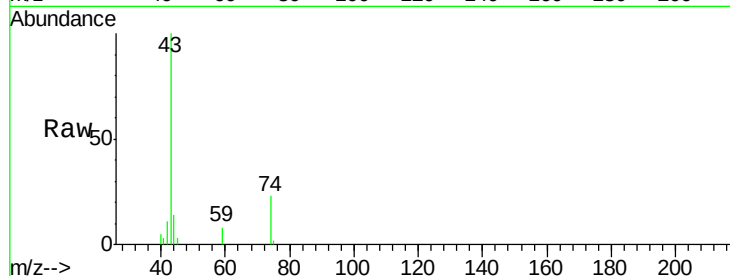
MH-3

Tot Ion: 43 Resp: 30523

Ion Ratio Lower Upper

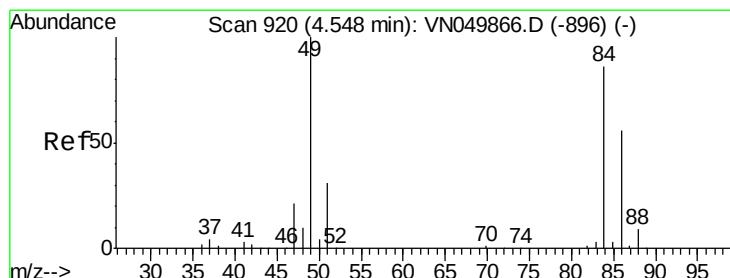
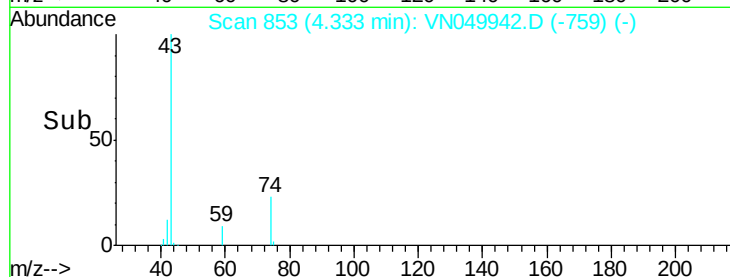
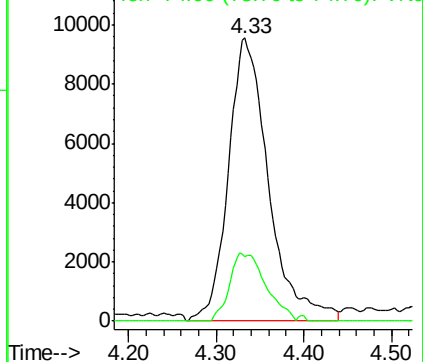
43 100

74 21.5 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



#20

Methylene Chloride

Concen: 3.28 ug/l

RT: 4.55 min Scan# 922

Delta R.T. 0.01 min

Lab File: VN049942.D

Acq: 20 Jul 2018 3:14

Tgt Ion: 84 Resp: 24383

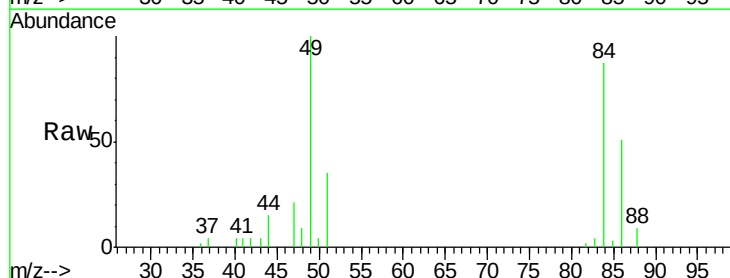
Ion Ratio Lower Upper

84 100

49 114.5 95.4 143.2

51 39.8 28.4 42.6

86 58.4 52.6 79.0

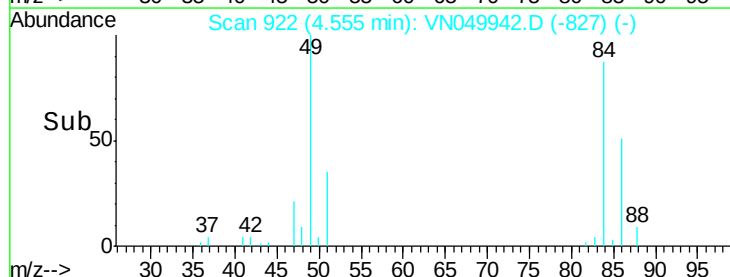
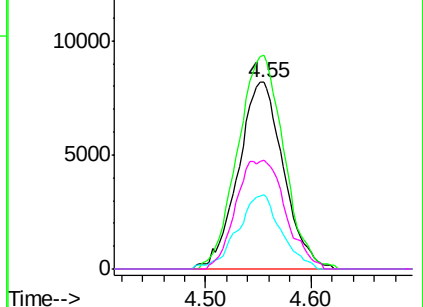


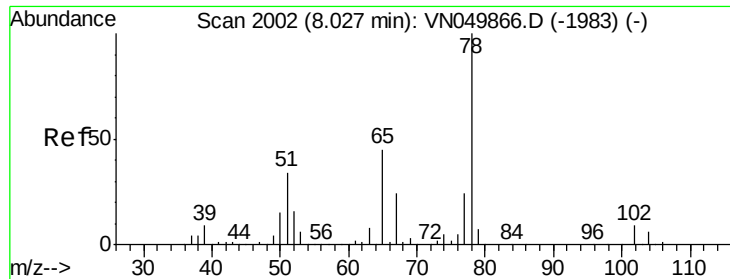
Abundance Ion 83.90 (83.60 to 84.60): VN0

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

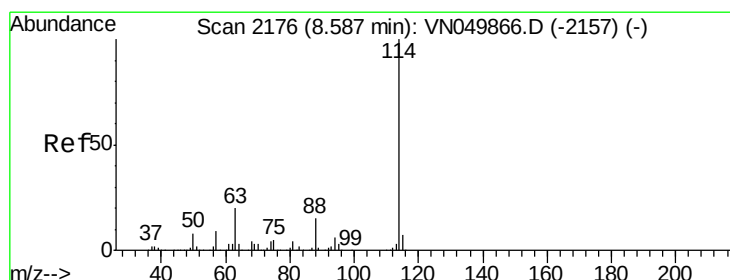
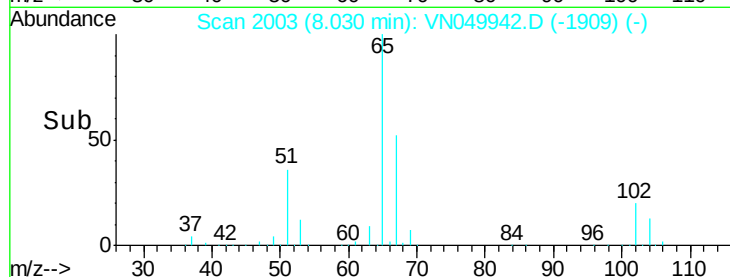
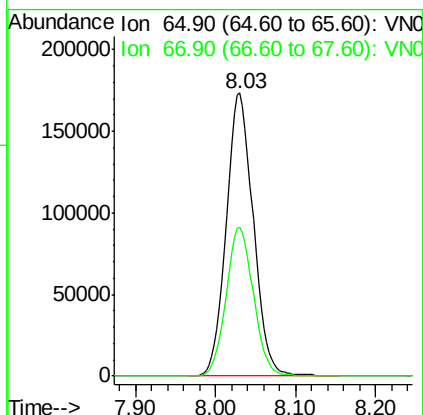
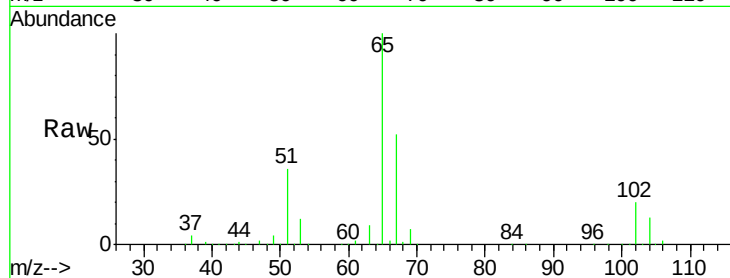




#33
 1,2-Dichloroethane-d4
 Concen: 52.94 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049942.D
 Acq: 20 Jul 2018 3:14

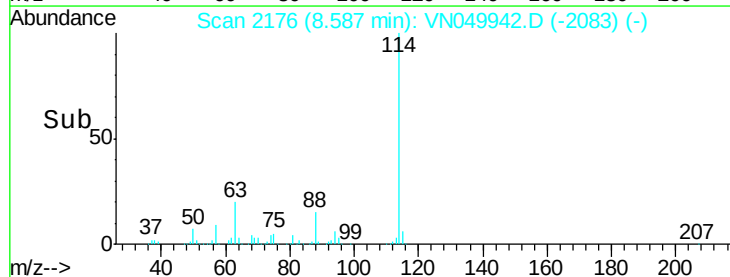
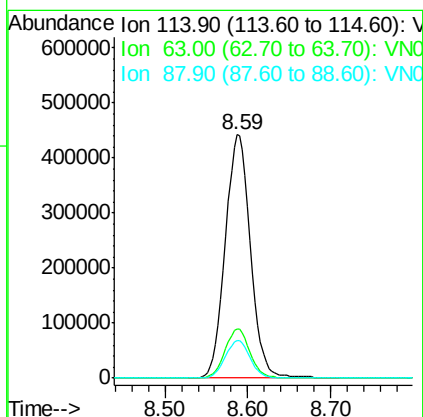
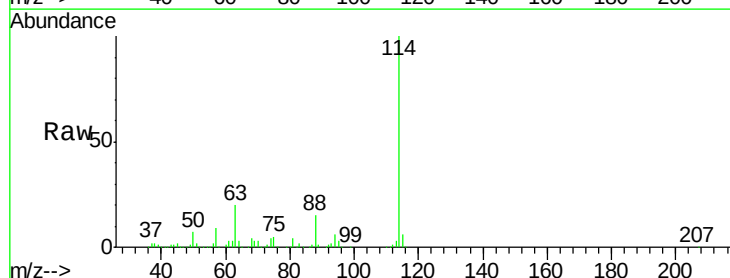
Instrument :
 MSVOA_N
 ClientSampleId :
 MH-3

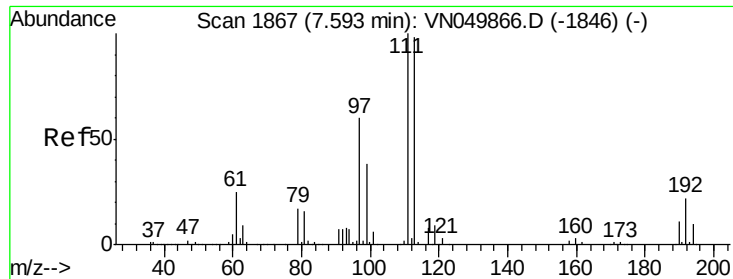
Tot Ion: 65 Resp: 399982
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049942.D
 Acq: 20 Jul 2018 3:14

Tgt Ion: 114 Resp: 934684
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.8
 88 15.5 0.0 30.6

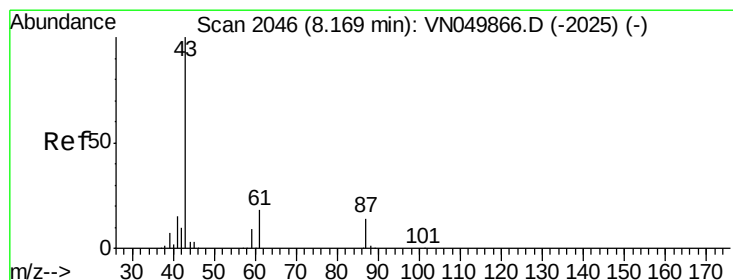
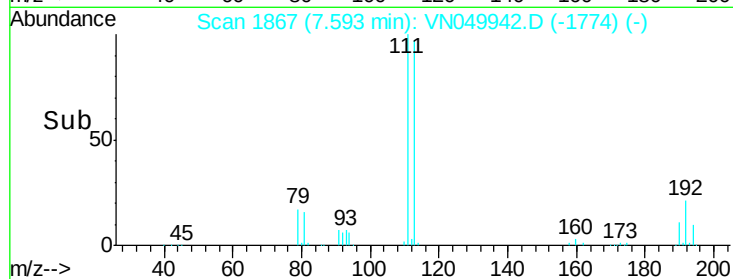
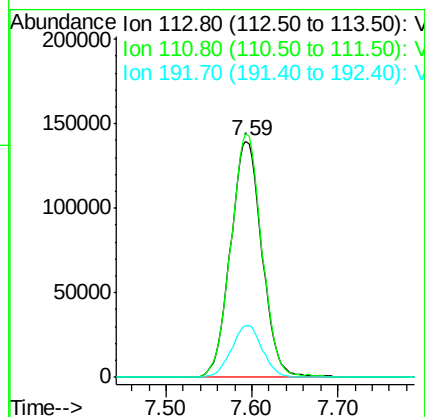
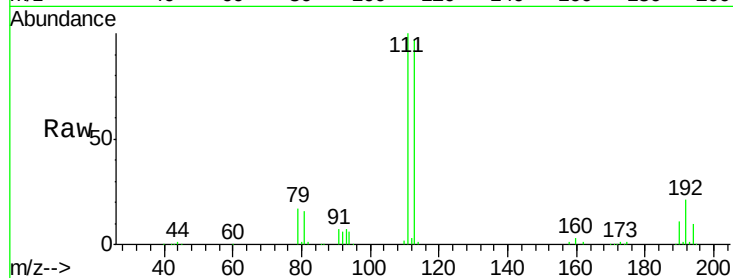




#35
 Dibromofluoromethane
 Concen: 45.17 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049942.D
 Acq: 20 Jul 2018 3:14

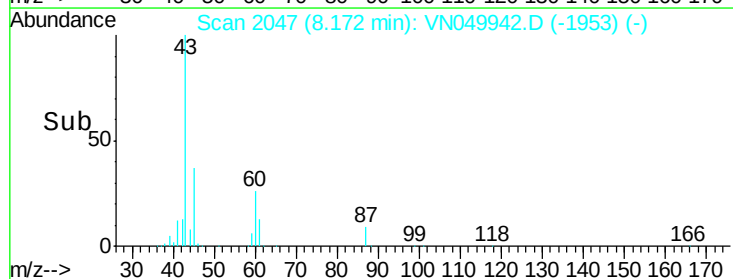
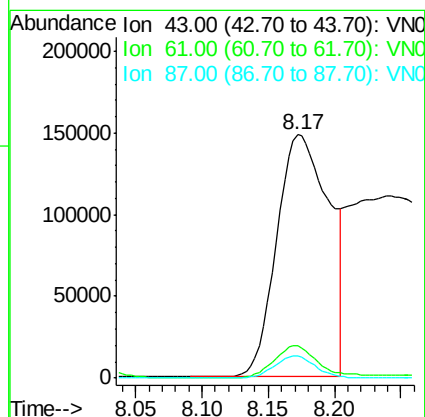
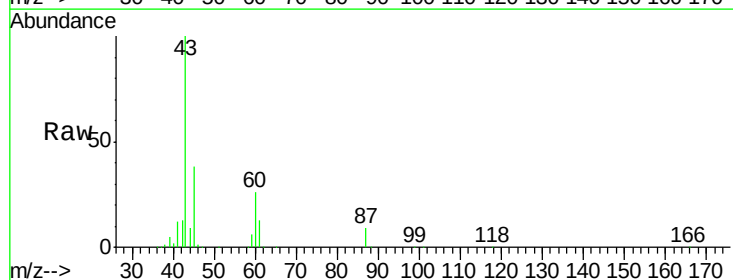
Instrument :
 MSVOA_N
 ClientSampled :
 MH-3

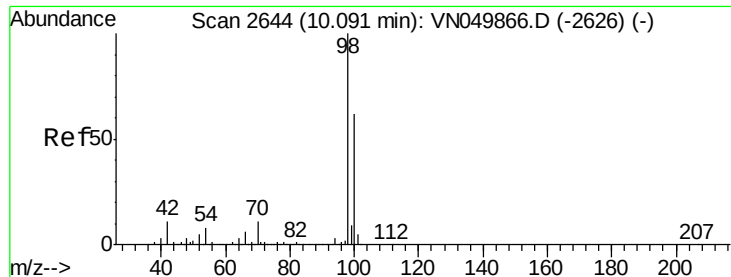
Tot Ion:113 Resp: 354458
 Ion Ratio Lower Upper
 113 100
 111 100.9 81.8 122.8
 192 21.7 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 32.95 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN049942.D
 Acq: 20 Jul 2018 3:14

Tgt Ion: 43 Resp: 410844
 Ion Ratio Lower Upper
 43 100
 61 11.5 14.9 22.3#
 87 7.1 10.0 15.0#

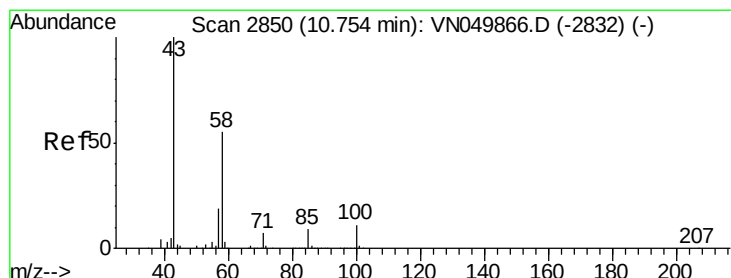
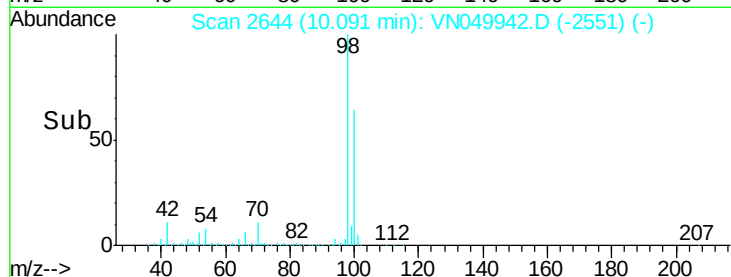
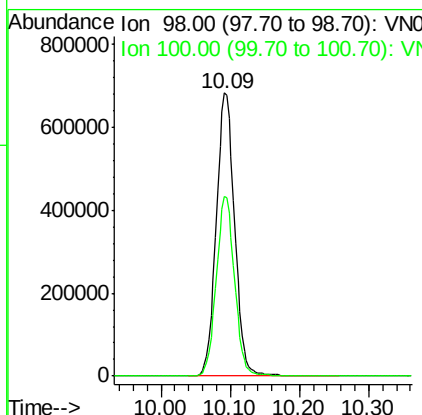
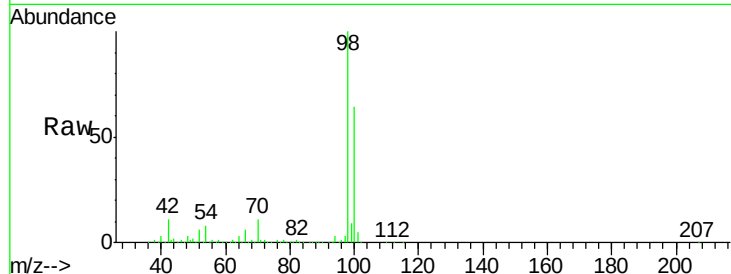




#50
Toluene-d8
Concen: 43.96 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049942.D
Acq: 20 Jul 2018 3:14

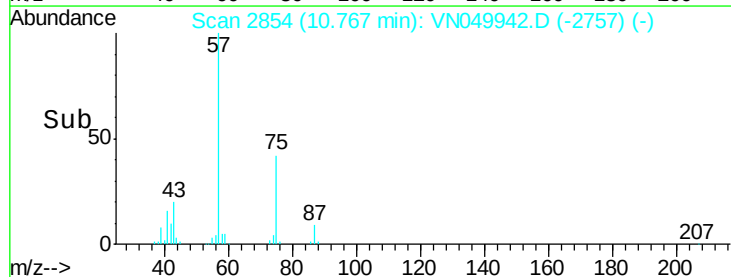
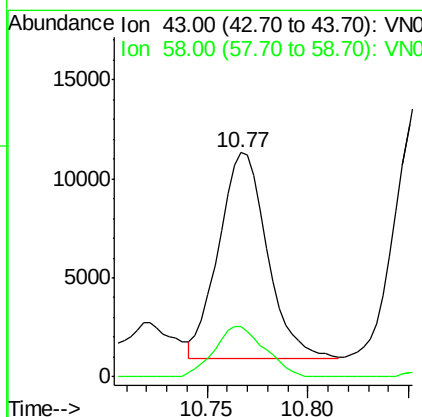
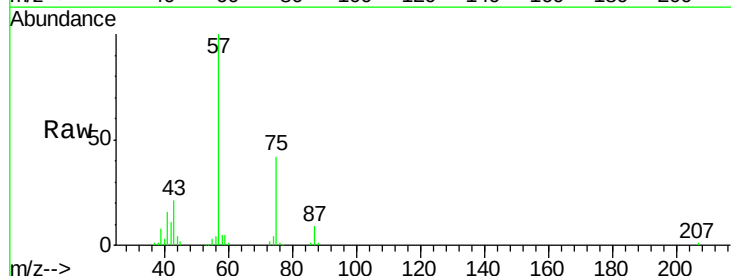
Instrument :
MSVOA_N
ClientSampled :
MH-3

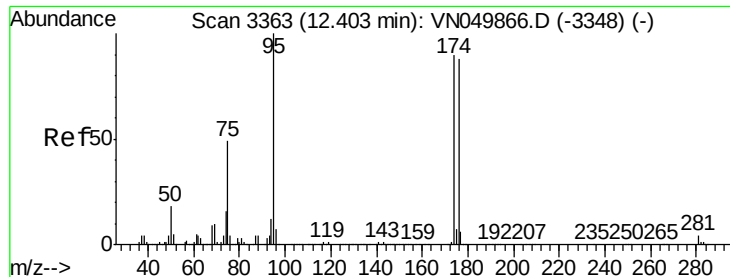
Tot Ion: 98 Resp: 1256918
Ion Ratio Lower Upper
98 100
100 63.2 51.7 77.5



#59
2-Hexanone
Concen: 3.72 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN049942.D
Acq: 20 Jul 2018 3:14

Tgt Ion: 43 Resp: 17404
Ion Ratio Lower Upper
43 100
58 25.5 27.8 83.4#





#62

4-Bromofluorobenzene

Concen: 35.53 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049942.D

Acq: 20 Jul 2018 3:14

Instrument :

MSVOA_N

ClientSampled :

MH-3

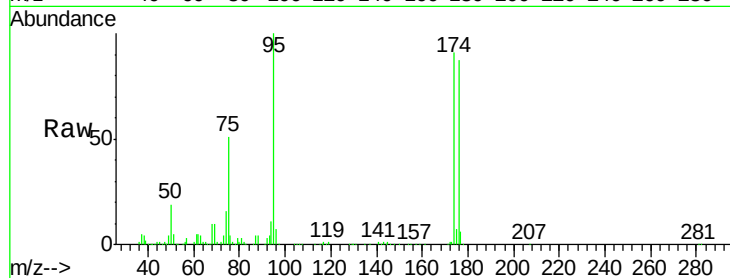
Tot Ion: 95 Resp: 349869

Ion Ratio Lower Upper

95 100

174 91.0 0.0 179.6

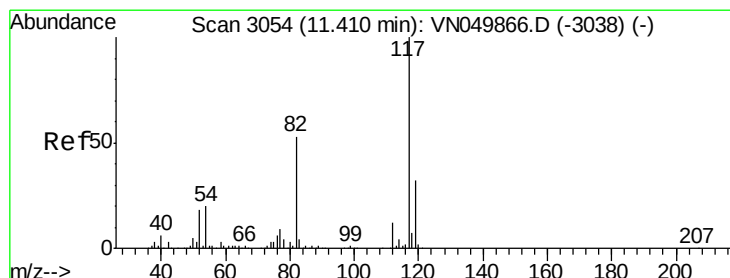
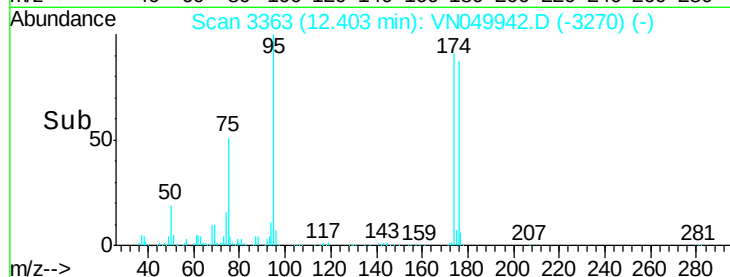
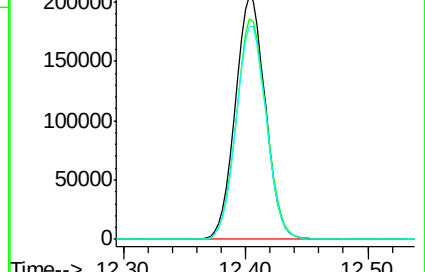
176 88.1 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): VN049866.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN049866.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN049866.D (-3348) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049942.D

Acq: 20 Jul 2018 3:14

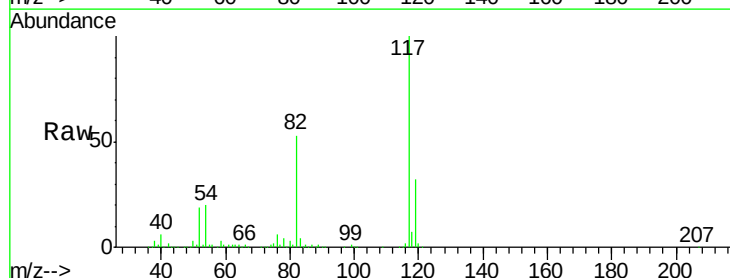
Tgt Ion: 117 Resp: 788886

Ion Ratio Lower Upper

117 100

82 53.2 41.9 62.9

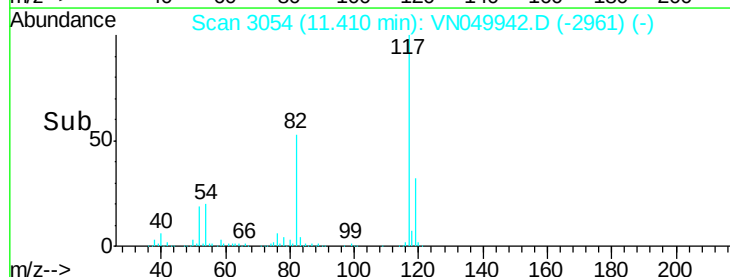
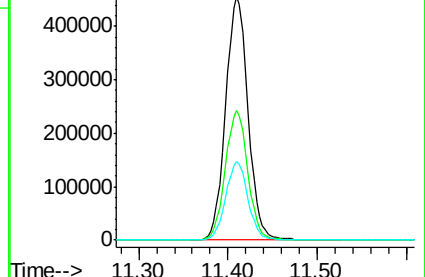
119 32.2 25.4 38.2

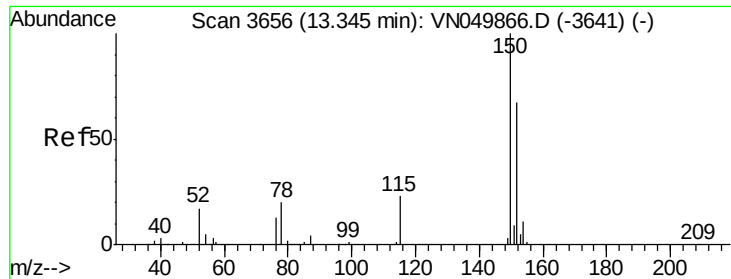


Abundance Ion 116.90 (116.60 to 117.60): VN049866.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN049866.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN049866.D (-3038) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049942.D

Acq: 20 Jul 2018 3:14

Instrument :

MSVOA_N

ClientSampleId :

MH-3

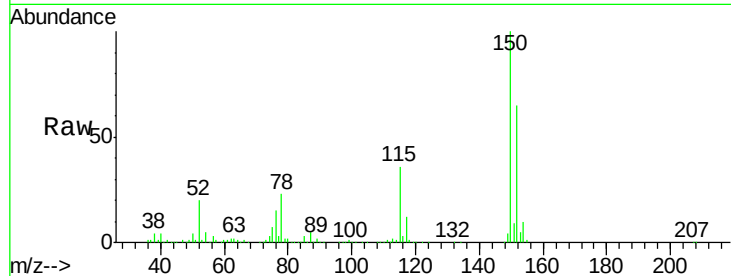
Tot Ion:152 Resp: 300973

Ion Ratio Lower Upper

152 100

115 56.4 28.1 84.2

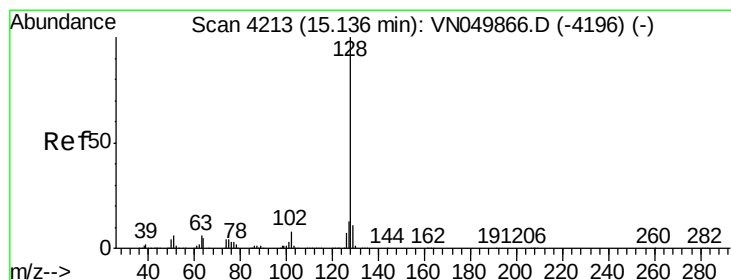
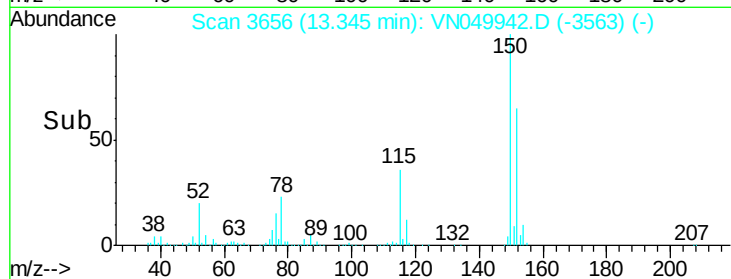
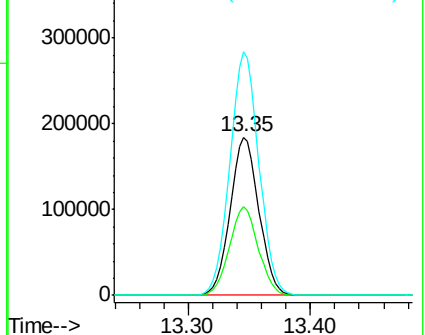
150 155.9 0.0 347.6



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



#95

Naphthalene

Concen: 13.39 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049942.D

Acq: 20 Jul 2018 3:14

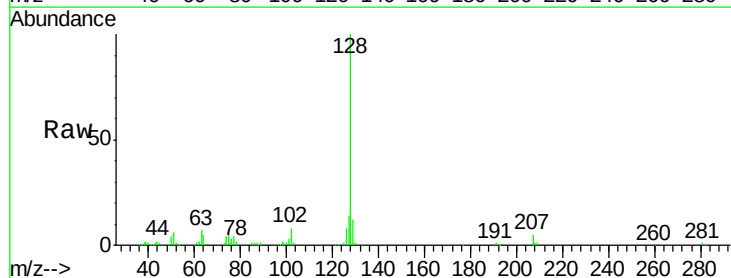
Tgt Ion:128 Resp: 139415

Ion Ratio Lower Upper

128 100

127 13.6 10.4 15.6

129 11.1 8.6 13.0



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

