

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\
 Data File : VN049605.D
 Acq On : 28 Jun 2018 21:52
 Operator : MD\SY
 Sample : J3242-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-062618-C

Quant Time: Jun 29 04:13:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1152427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1857153	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1535698	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	633707	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	769793	50.36	ug/l	0.00
Spiked Amount			Recovery	=	100.72%	
35) Dibromofluoromethane	7.59	113	678475	45.16	ug/l	0.00
Spiked Amount			Recovery	=	90.32%	
50) Toluene-d8	10.09	98	2468014	43.14	ug/l	0.00
Spiked Amount			Recovery	=	86.28%	
62) 4-Bromofluorobenzene	12.40	95	741990	39.22	ug/l	0.00
Spiked Amount			Recovery	=	78.44%	

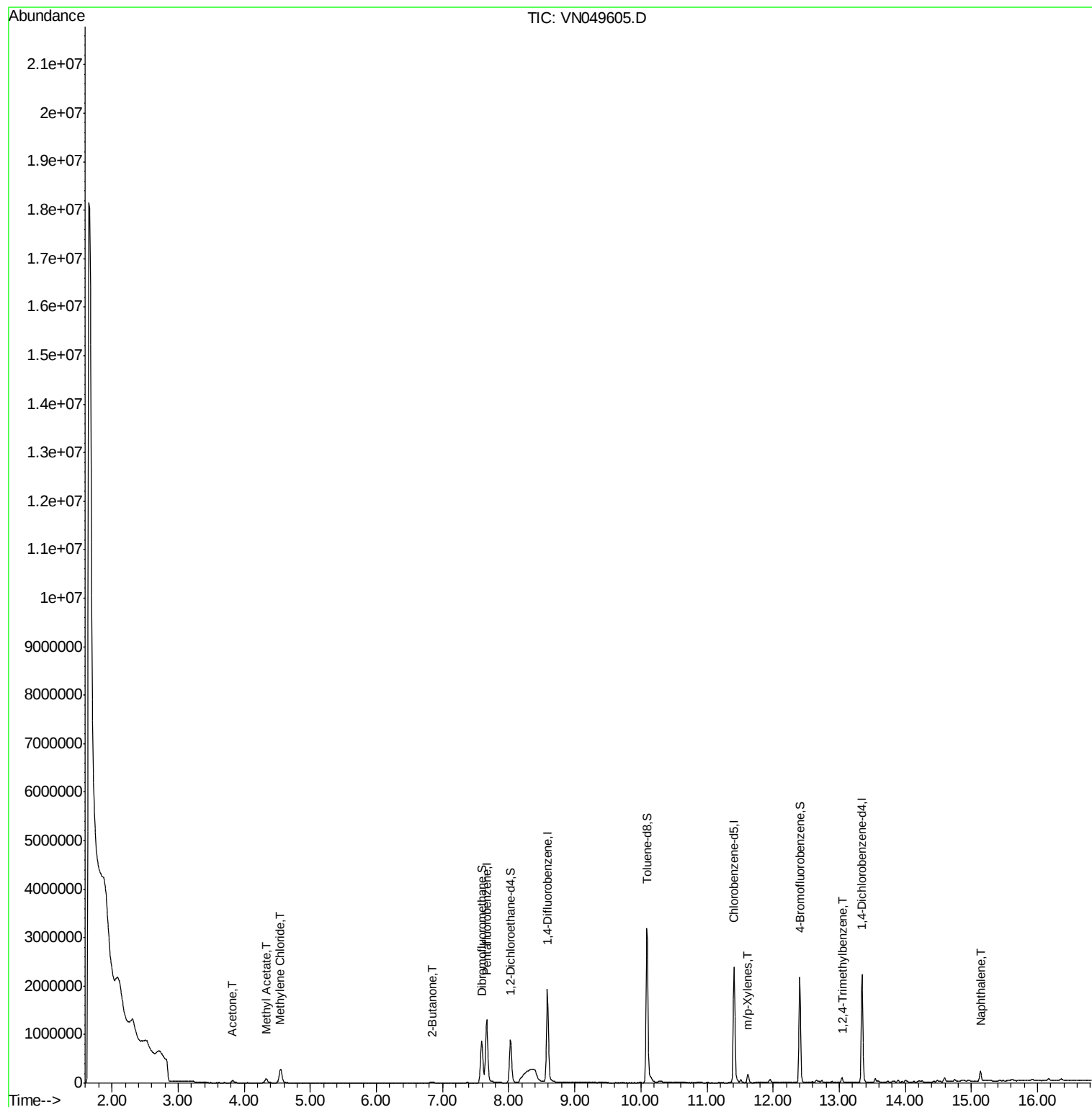
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	82927	22.34	ug/l	# 86
18) Methyl Acetate	4.34	43	159608	14.10	ug/l	95
20) Methylene Chloride	4.55	84	216999	14.00	ug/l	90
25) 2-Butanone	6.84	43	10871	2.18	ug/l	95
68) m/p-Xylenes	11.62	106	56796	2.31	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	59956	1.38	ug/l	97
95) Naphthalene	15.14	128	187497	12.44	ug/l	99

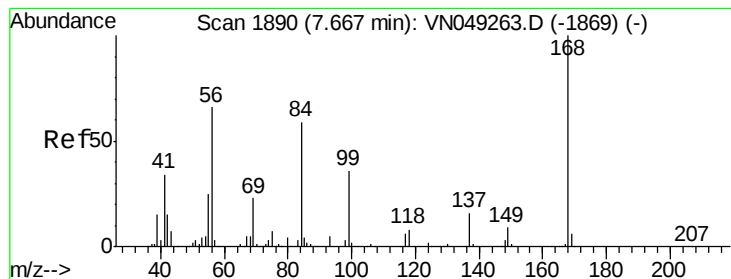
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062818\
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Acq On : 28 Jun 2018 21:52
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Quant Time: Jun 29 04:13:09 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
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: VN049605.D

Acq: 28 Jun 2018 21:52

Instrument :

MSVOA_N

ClientSampleId :

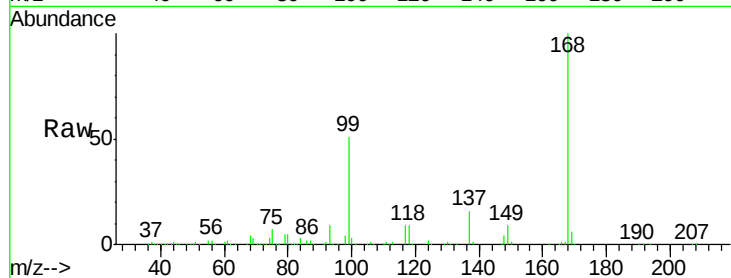
JC-02-062618-C

Tot Ion:168 Resp: 1152427

Ion Ratio Lower Upper

168 100

99 51.0 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

500000

400000

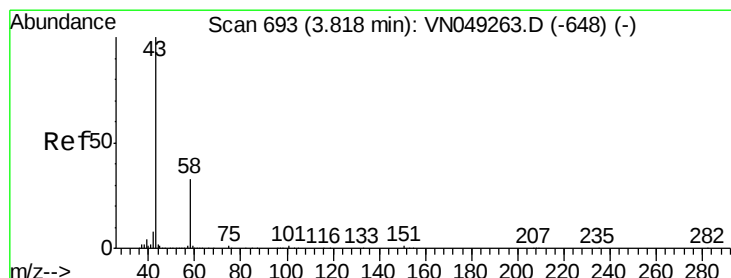
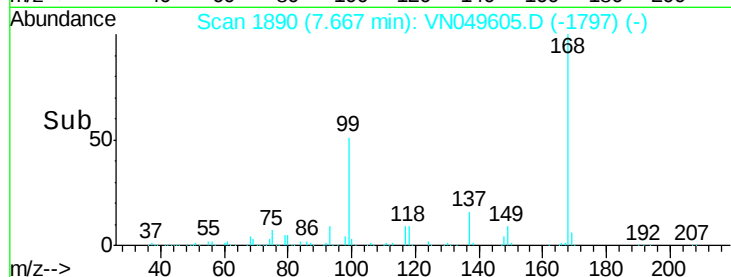
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 22.34 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049605.D

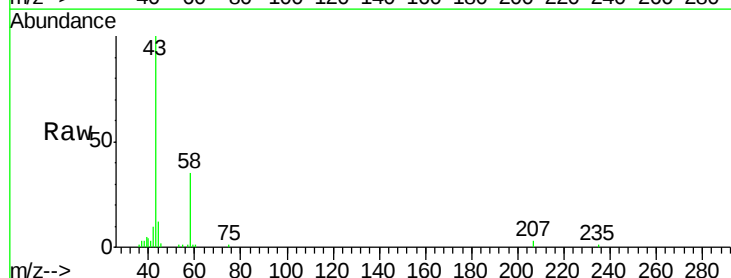
Acq: 28 Jun 2018 21:52

Tgt Ion: 43 Resp: 82927

Ion Ratio Lower Upper

43 100

58 35.1 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

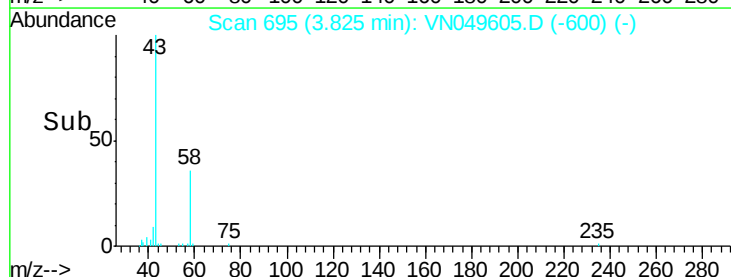
30000

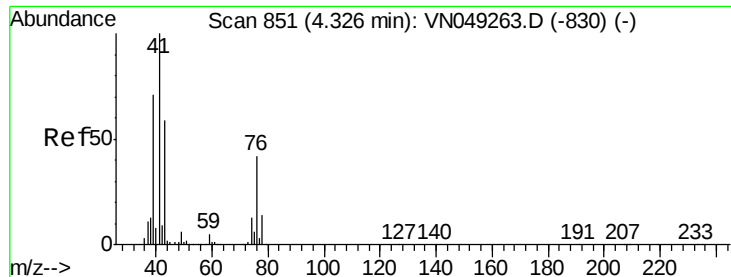
20000

10000

0

Time--> 3.70 3.80 3.90





#18

Methvl Acetate

Concen: 14.10 ug/l

RT: 4.34 min Scan# 854

Delta R.T. 0.01 min

Lab File: VN049605.D

Acq: 28 Jun 2018 21:52

Instrument :

MSVOA_N

ClientSampleId :

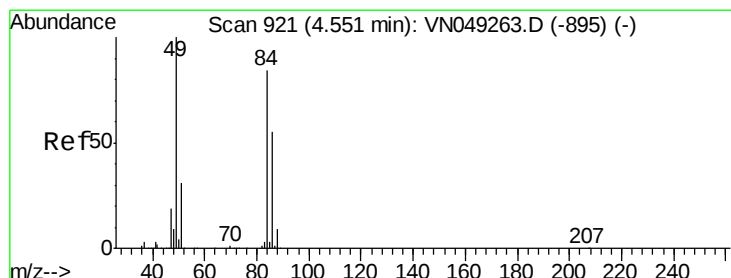
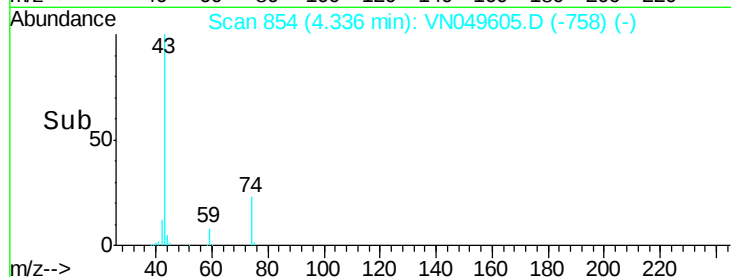
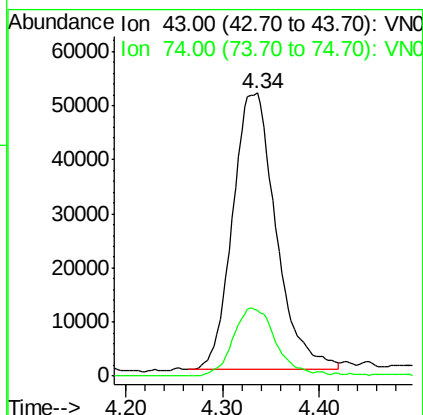
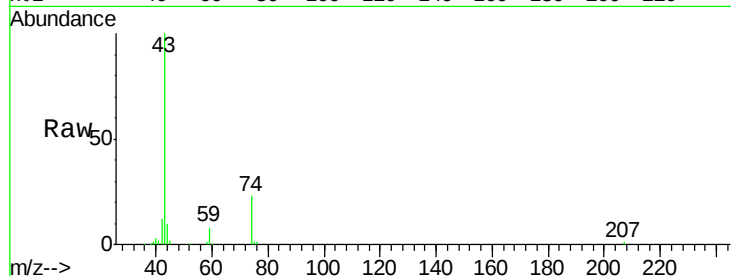
JC-02-062618-C

Tot Ion: 43 Resp: 159608

Ion Ratio Lower Upper

43 100

74 23.9 17.4 26.0



#20

Methylene Chloride

Concen: 14.00 ug/l

RT: 4.55 min Scan# 920

Delta R.T. -0.00 min

Lab File: VN049605.D

Acq: 28 Jun 2018 21:52

Tgt Ion: 84 Resp: 216999

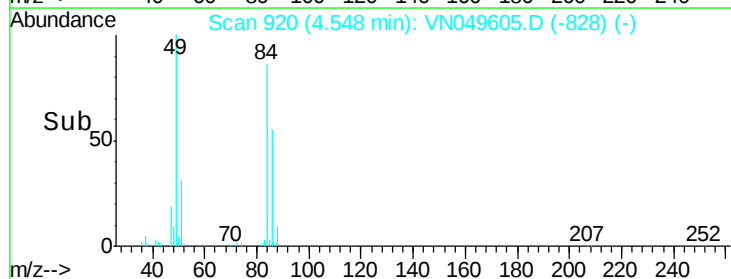
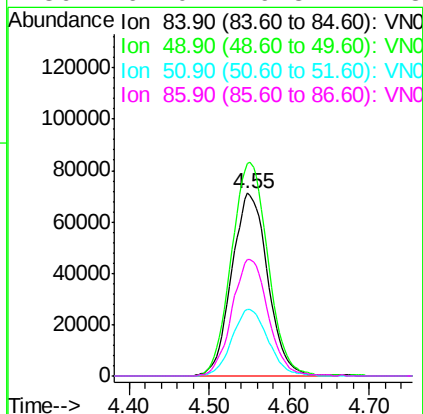
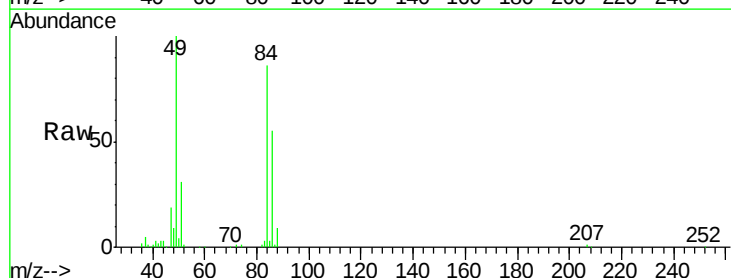
Ion Ratio Lower Upper

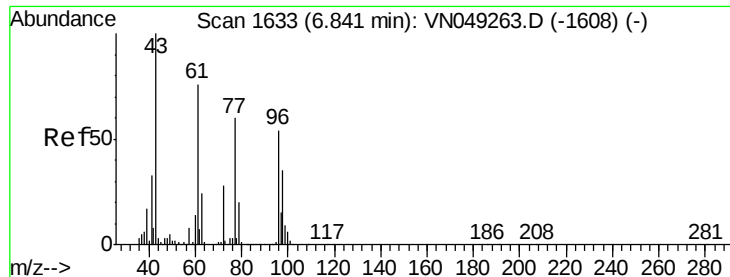
84 100

49 116.2 106.9 160.3

51 36.5 32.7 49.1

86 64.0 49.8 74.8





#25

2-Butanone

Concen: 2.18 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VN049605.D

Acq: 28 Jun 2018 21:52

Instrument :

MSVOA_N

ClientSampleId :

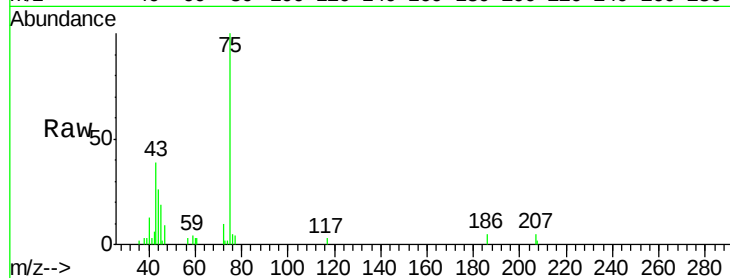
JC-02-062618-C

Tot Ion: 43 Resp: 10871

Ion Ratio Lower Upper

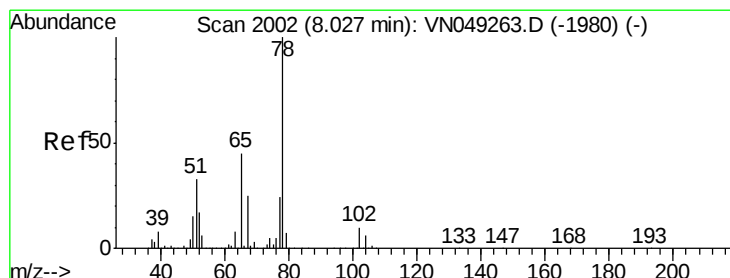
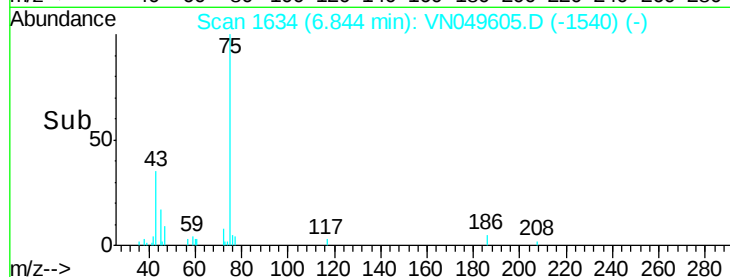
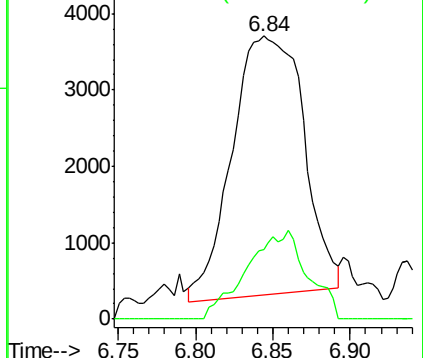
43 100

72 27.9 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN049263.D (-1608) (-)

Ion 72.00 (71.70 to 72.70): VN049263.D (-1608) (-)



#33

1,2-Dichloroethane-d4

Concen: 50.36 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. 0.00 min

Lab File: VN049605.D

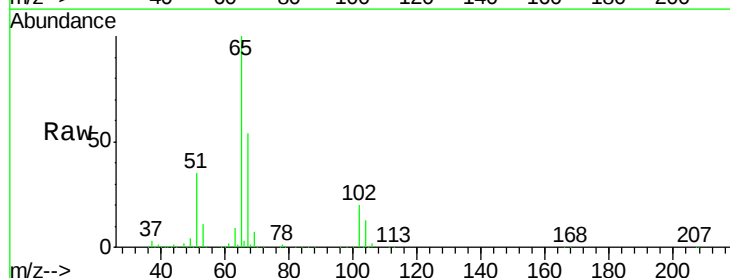
Acq: 28 Jun 2018 21:52

Tgt Ion: 65 Resp: 769793

Ion Ratio Lower Upper

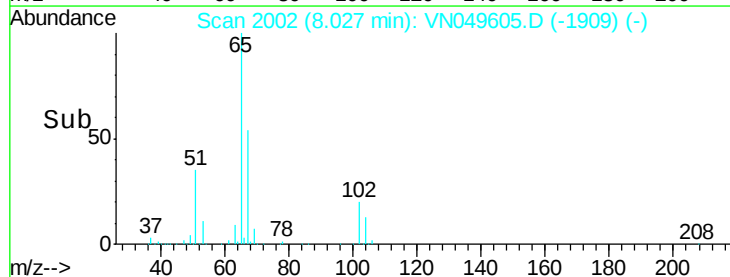
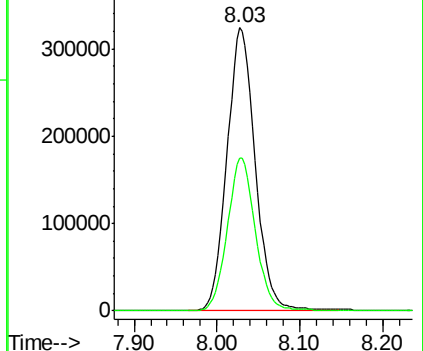
65 100

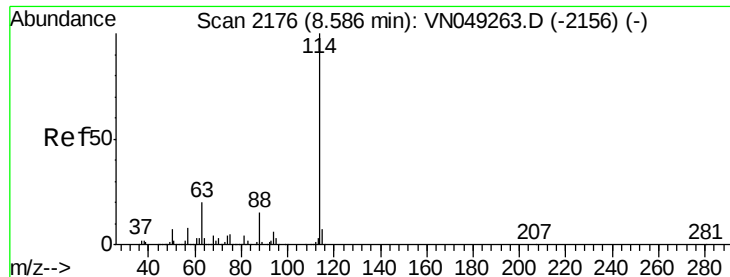
67 53.6 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049263.D (-1980) (-)

Ion 66.90 (66.60 to 67.60): VN049263.D (-1980) (-)

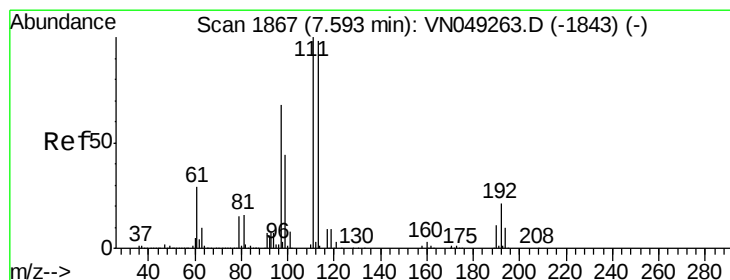
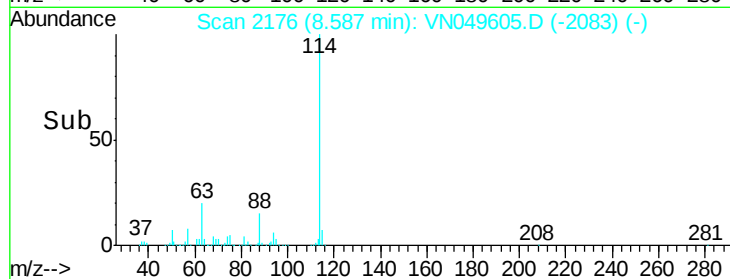
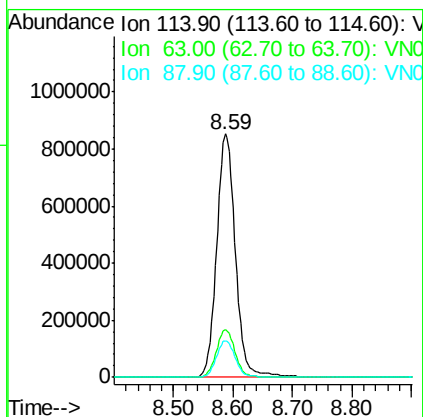
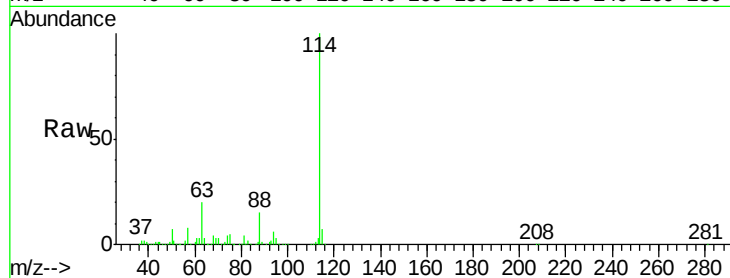




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049605.D
 Acq: 28 Jun 2018 21:52

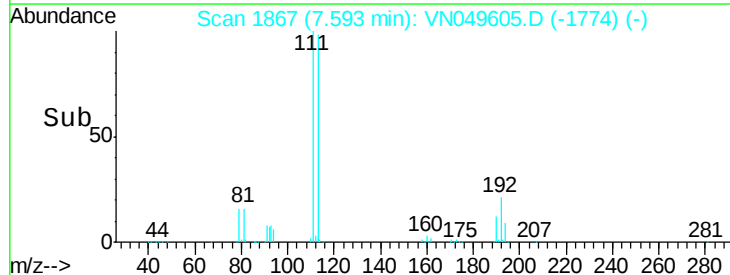
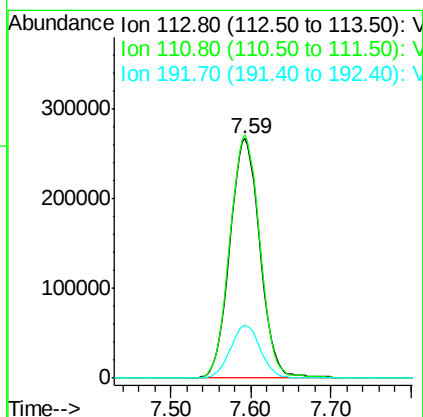
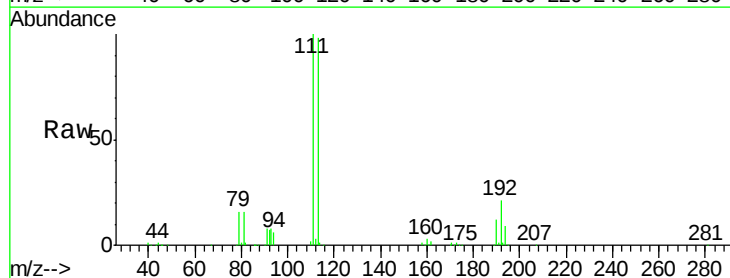
Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-062618-C

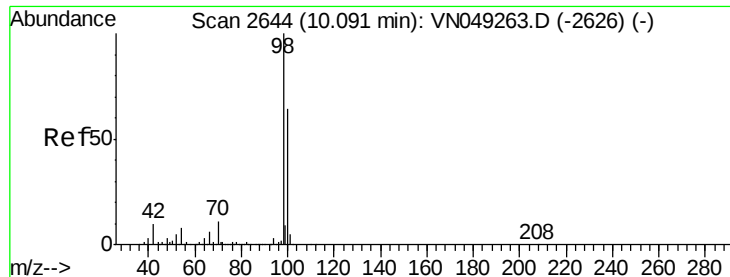
Tot Ion:114 Resp: 1857153
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 44.4
 88 15.2 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 45.16 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049605.D
 Acq: 28 Jun 2018 21:52

Tgt Ion:113 Resp: 678475
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.4 123.6
 192 21.9 15.0 22.6





#50

Toluene-d8

Concen: 43.14 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049605.D

Acq: 28 Jun 2018 21:52

Instrument :

MSVOA_N

ClientSampleId :

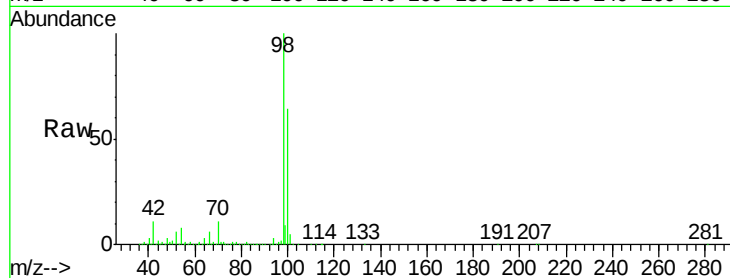
JC-02-062618-C

Tot Ion: 98 Resp: 2468014

Ion Ratio Lower Upper

98 100

100 63.7 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN049605.D (-2551) (-)

Ion 100.00 (99.70 to 100.70): VN049605.D (-2551) (-)

10.09

1500000

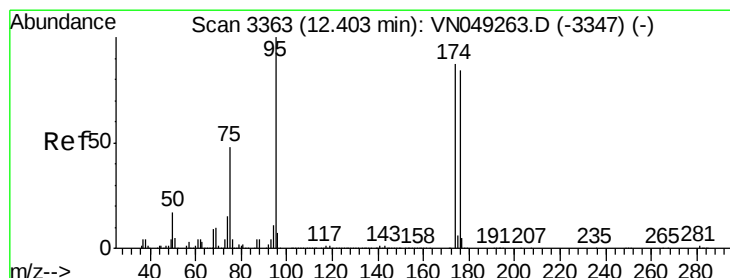
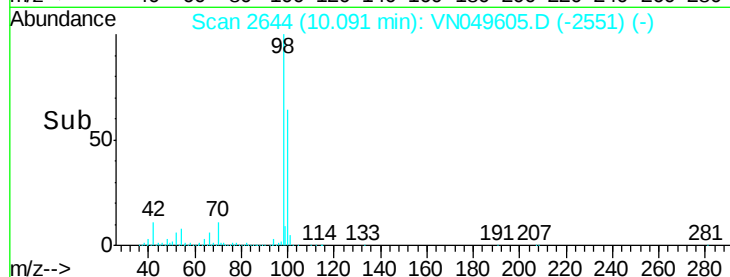
1000000

500000

0

Time-->

10.00 10.10 10.20 10.30



#62

4-Bromofluorobenzene

Concen: 39.22 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049605.D

Acq: 28 Jun 2018 21:52

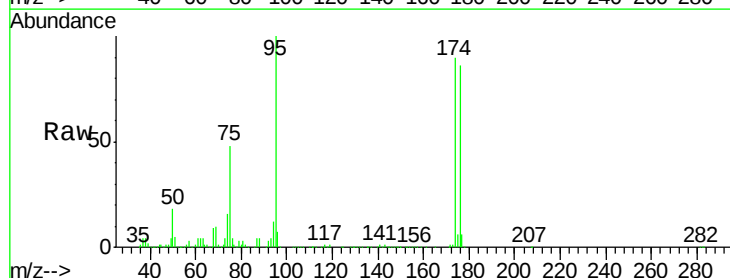
Tgt Ion: 95 Resp: 741990

Ion Ratio Lower Upper

95 100

174 89.7 0.0 165.6

176 85.8 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049605.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049605.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049605.D (-3270) (-)

12.40

600000

500000

400000

300000

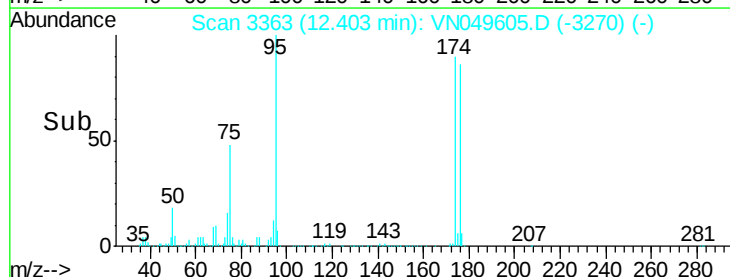
200000

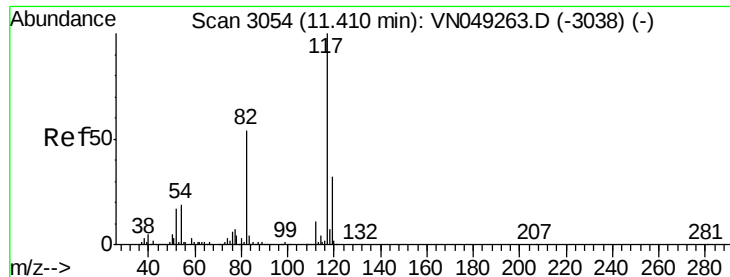
100000

0

Time-->

12.30 12.40 12.50

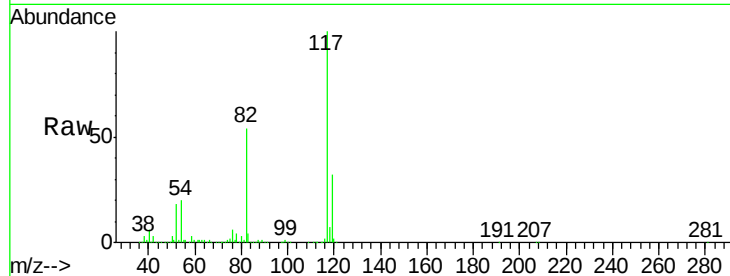




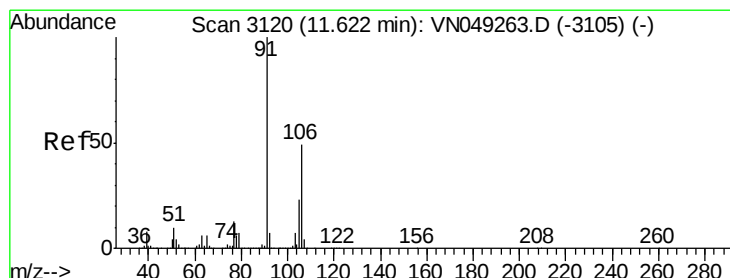
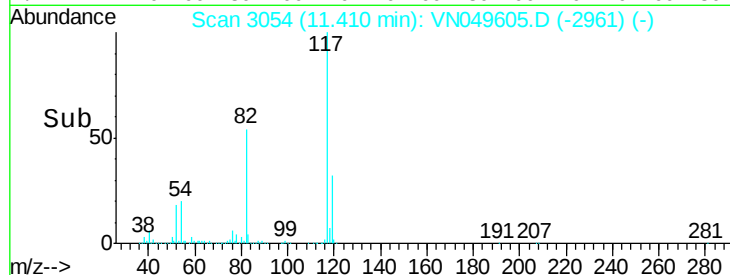
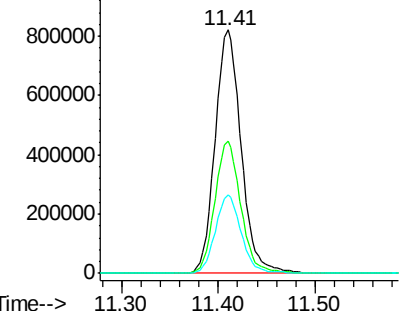
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049605.D
Acq: 28 Jun 2018 21:52

Instrument :
MSVOA_N
ClientSampleId :
JC-02-062618-C

Tot Ion:117 Resp: 1535698
Ion Ratio Lower Upper
117 100
82 54.1 45.9 68.9
119 32.1 25.5 38.3

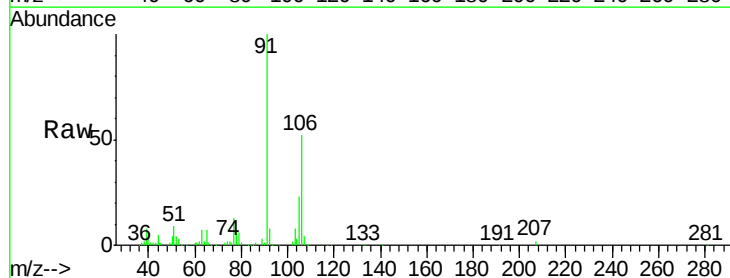


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

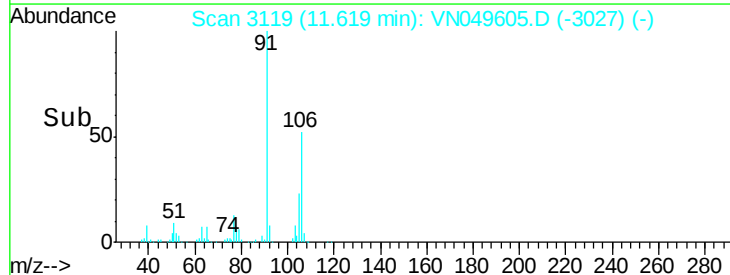
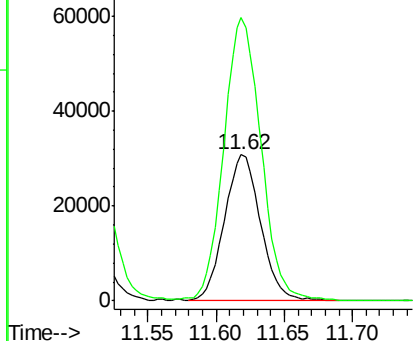


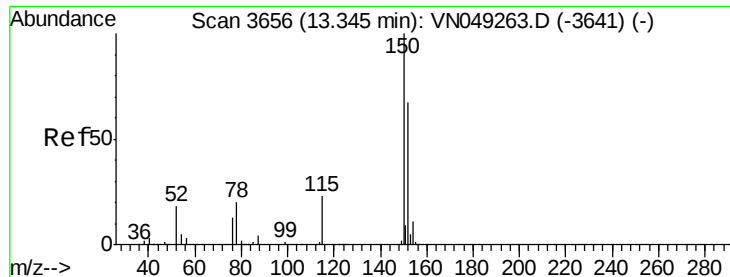
#68
m/p-Xylenes
Concen: 2.31 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.00 min
Lab File: VN049605.D
Acq: 28 Jun 2018 21:52

Tgt Ion:106 Resp: 56796
Ion Ratio Lower Upper
106 100
91 199.8 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049605.D

Acq: 28 Jun 2018 21:52

Instrument :

MSVOA_N

ClientSampleId :

JC-02-062618-C

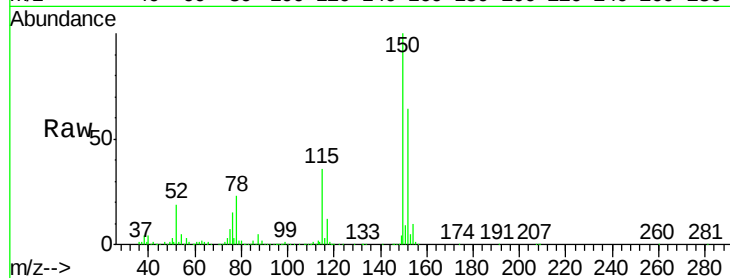
Tot Ion:152 Resp: 633707

Ion Ratio Lower Upper

152 100

115 56.0 28.7 86.1

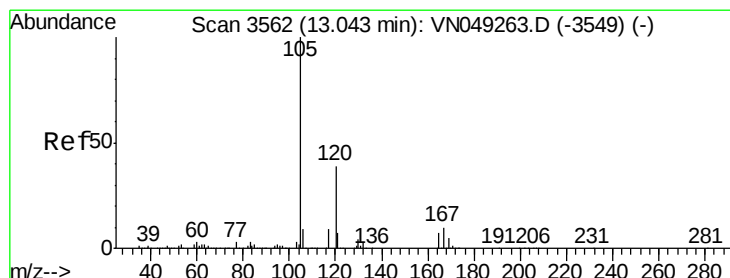
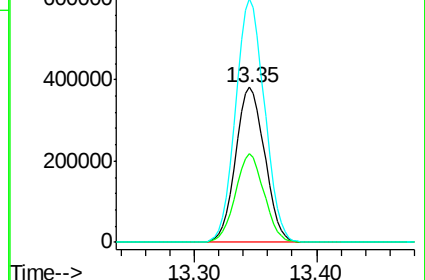
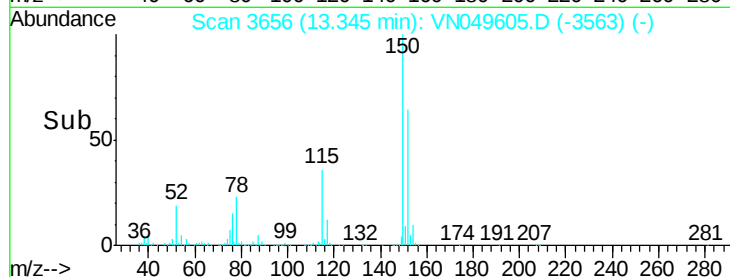
150 155.6 0.0 351.0



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



#84

1,2,4-Trimethylbenzene

Concen: 1.38 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. -0.00 min

Lab File: VN049605.D

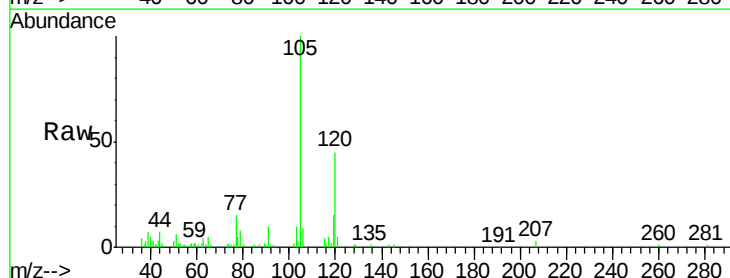
Acq: 28 Jun 2018 21:52

Tgt Ion:105 Resp: 59956

Ion Ratio Lower Upper

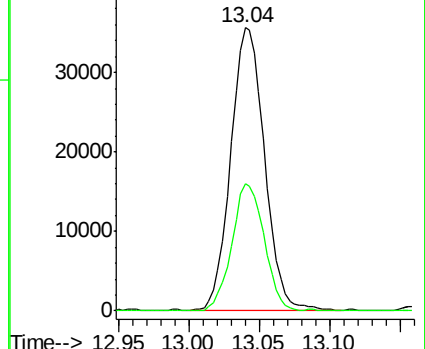
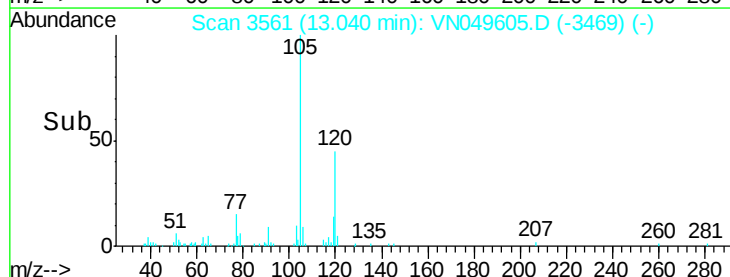
105 100

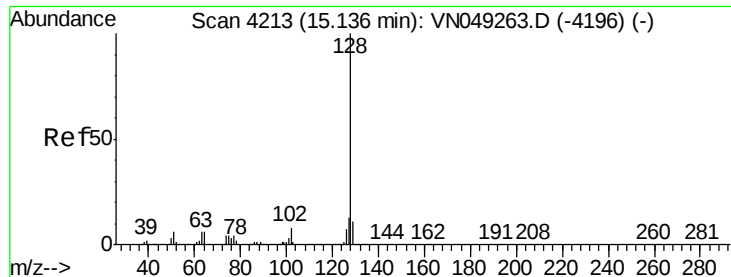
120 42.8 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

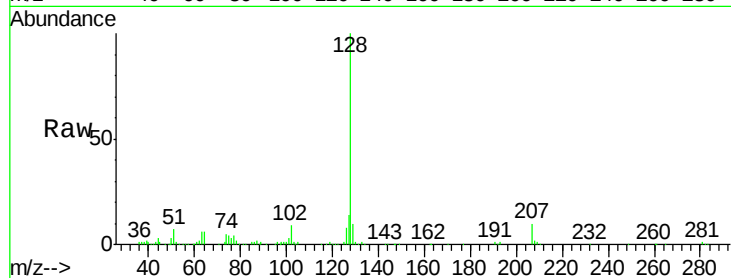




#95
Naphthalene
Concen: 12.44 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049605.D
Acq: 28 Jun 2018 21:52

Instrument :
MSVOA_N
ClientSampleId :
JC-02-062618-C

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.6	16.0
129	10.2	8.5	12.7



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

