

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049293.D
 Acq On : 16 Jun 2018 6:52
 Operator : MD\SY
 Sample : J3504-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-46COMP

Quant Time: Jun 18 01:36:22 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	1265856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2053386	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1595693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	436411	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	838884	49.96	ug/l	0.00
Spiked Amount						
			Recovery	=	99.92%	
35) Dibromofluoromethane	7.59	113	740946	44.60	ug/l	0.00
Spiked Amount						
			Recovery	=	89.20%	
50) Toluene-d8	10.09	98	2776919	43.90	ug/l	0.00
Spiked Amount						
			Recovery	=	87.80%	
62) 4-Bromofluorobenzene	12.40	95	636160	30.42	ug/l	0.00
Spiked Amount						
			Recovery	=	60.84%	

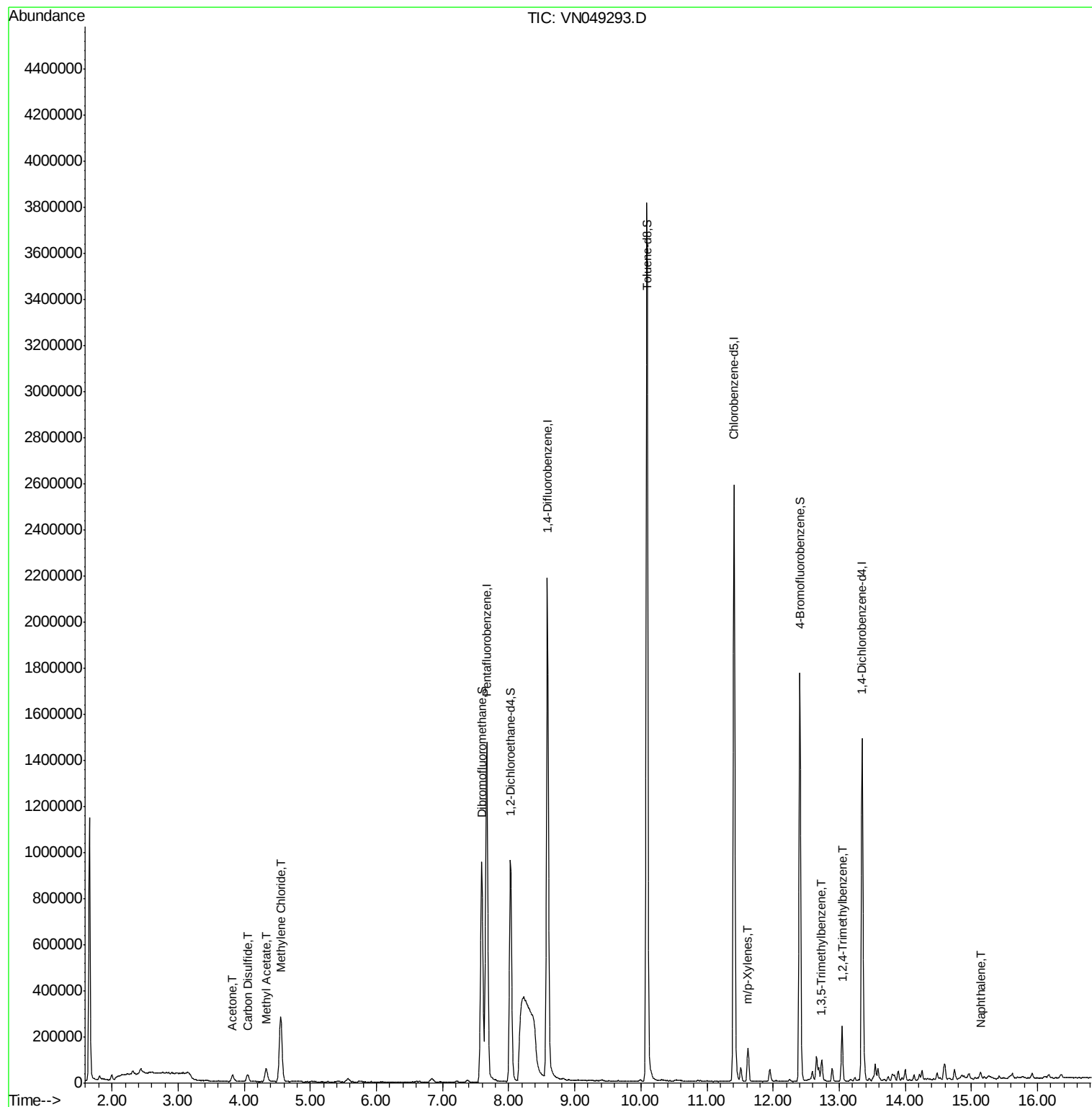
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	44511	10.92	ug/l	92
17) Carbon Disulfide	4.05	76	57980	1.27	ug/l	98
18) Methyl Acetate	4.33	43	111145	8.94	ug/l	95
20) Methylene Chloride	4.55	84	215370	12.65	ug/l	92
68) m/p-Xylenes	11.62	106	44691	1.75	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	47095	1.56	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	134565	4.50	ug/l	98
95) Naphthalene	15.14	128	23539	4.02	ug/l	98

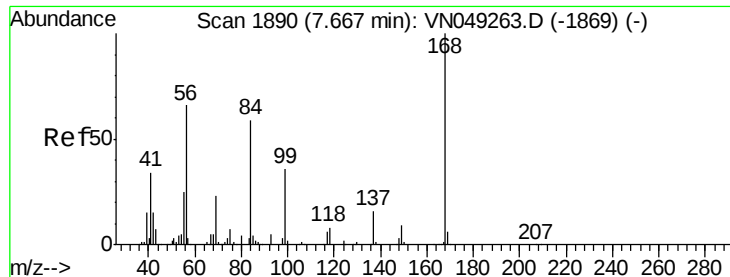
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061618\
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Acq On : 16 Jun 2018 6:52
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Instrument :
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Quant Time: Jun 18 01:36:22 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: VN049293.D

Acq: 16 Jun 2018 6:52

Instrument :

MSVOA_N

ClientSampleId :

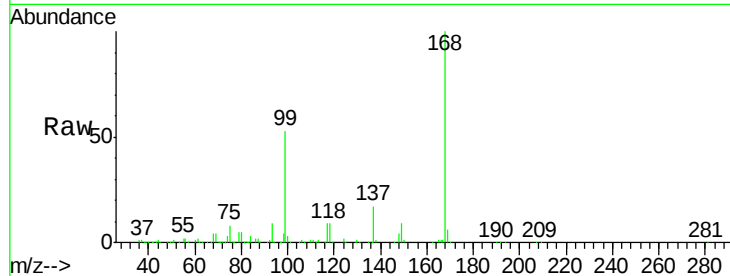
SB-46COMP

Tot Ion:168 Resp: 1265856

Ion Ratio Lower Upper

168 100

99 52.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): VN049293.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN049293.D (-1797) (-)

7.67

600000

500000

400000

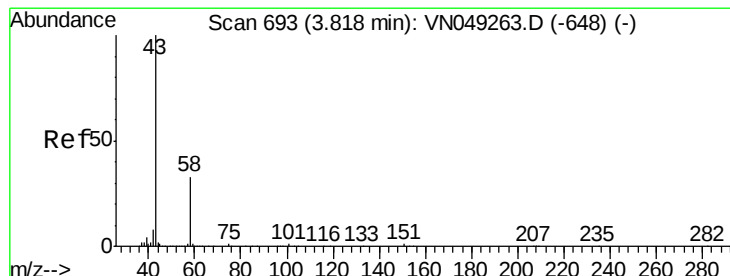
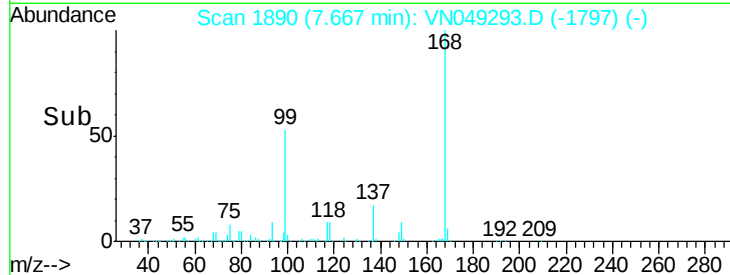
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 10.92 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049293.D

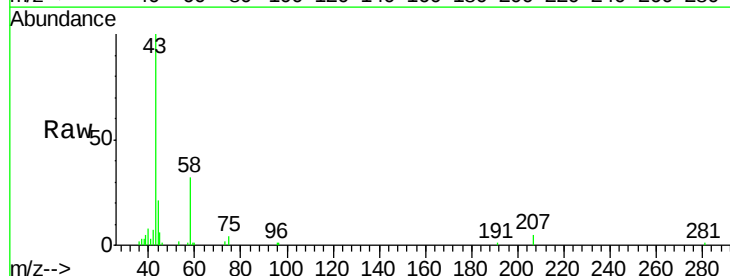
Acq: 16 Jun 2018 6:52

Tgt Ion: 43 Resp: 44511

Ion Ratio Lower Upper

43 100

58 32.3 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN049293.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN049293.D (-600) (-)

3.82

20000

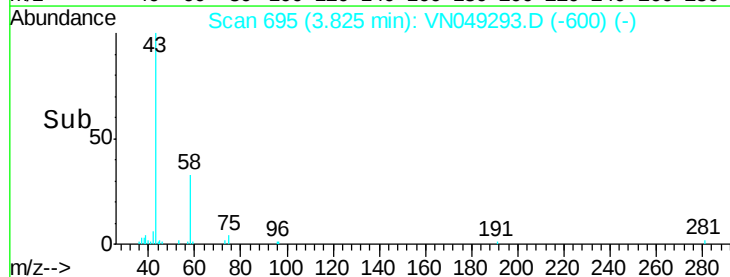
15000

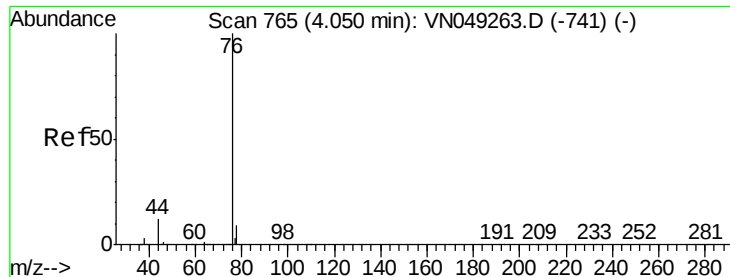
10000

5000

0

Time-->





#17

Carbon Disulfide

Concen: 1.27 ug/l

RT: 4.05 min Scan# 765

Delta R.T. 0.00 min

Lab File: VN049293.D

Acq: 16 Jun 2018 6:52

Instrument :

MSVOA_N

ClientSampleId :

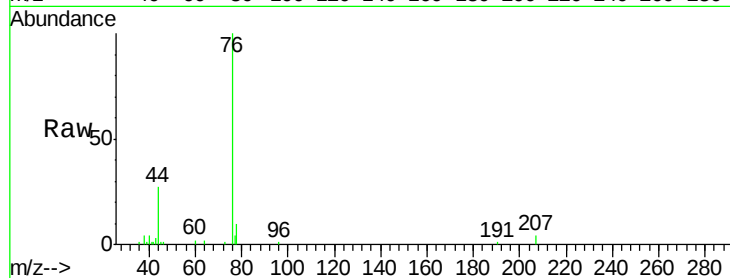
SB-46COMP

Tot Ion: 76 Resp: 57980

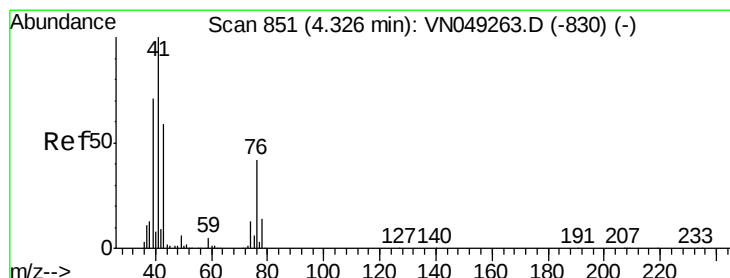
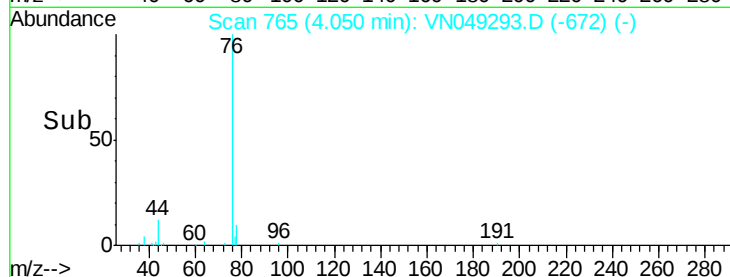
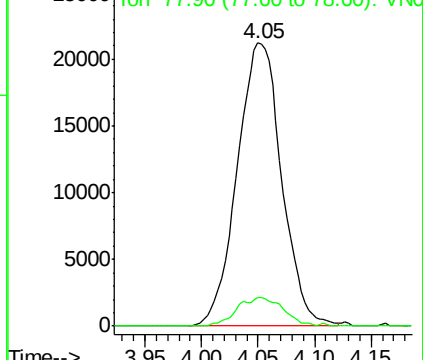
Ion Ratio Lower Upper

76 100

78 10.1 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN049293.D (-741) (-)



#18

Methyl Acetate

Concen: 8.94 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN049293.D

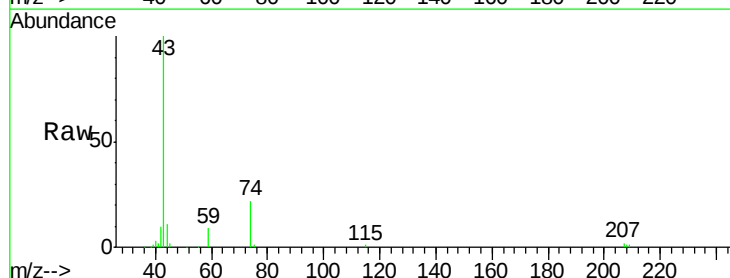
Acq: 16 Jun 2018 6:52

Tgt Ion: 43 Resp: 111145

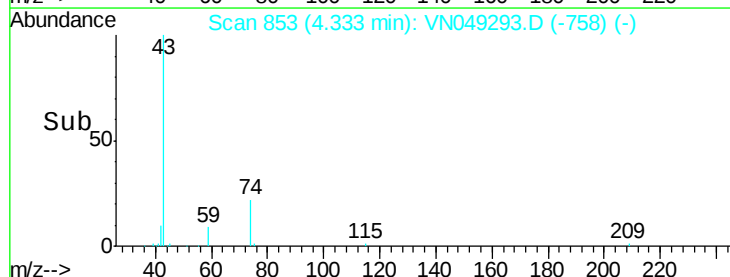
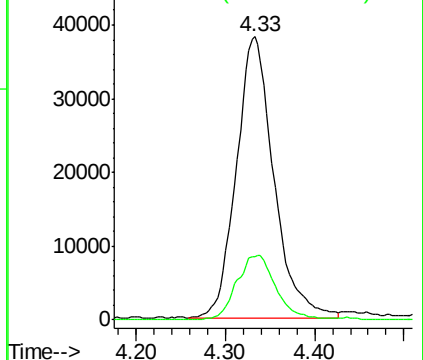
Ion Ratio Lower Upper

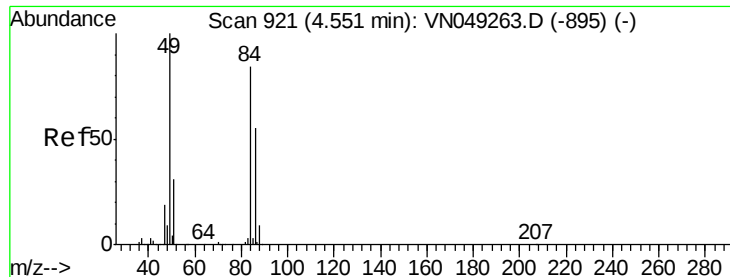
43 100

74 24.1 17.4 26.0



Abundance Ion 43.00 (42.70 to 43.70): VN049293.D (-758) (-)

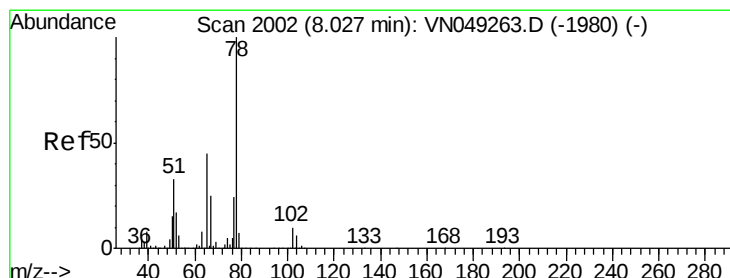
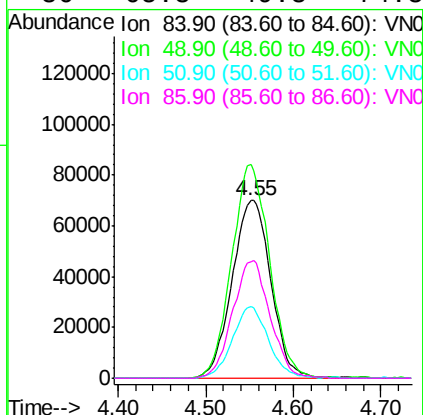
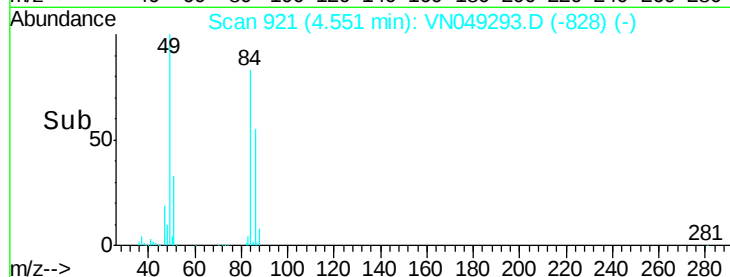
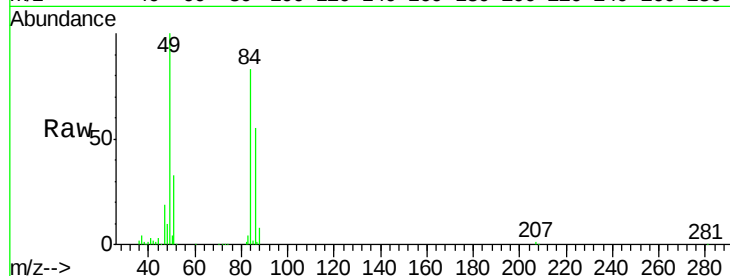




#20
Methvlene Chloride
Concen: 12.65 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049293.D
Acq: 16 Jun 2018 6:52

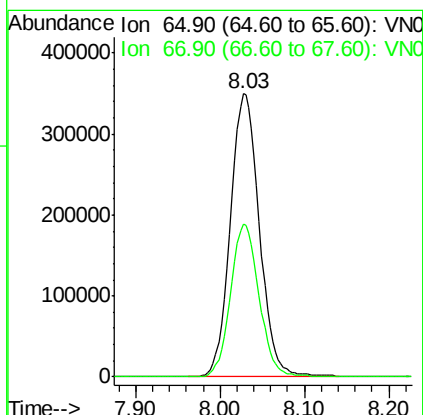
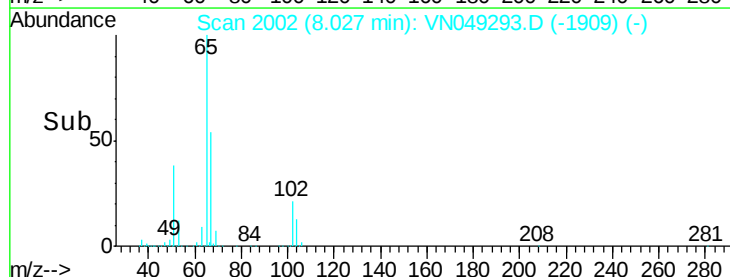
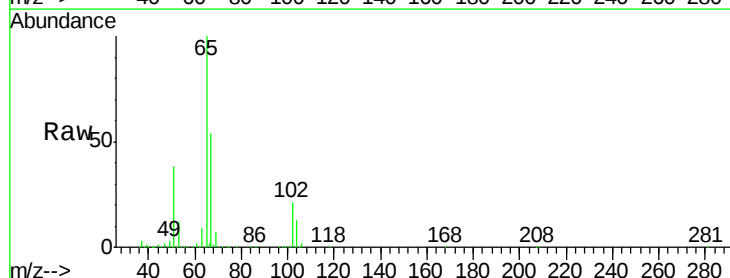
Instrument :
MSVOA_N
ClientSampled :
SB-46COMP

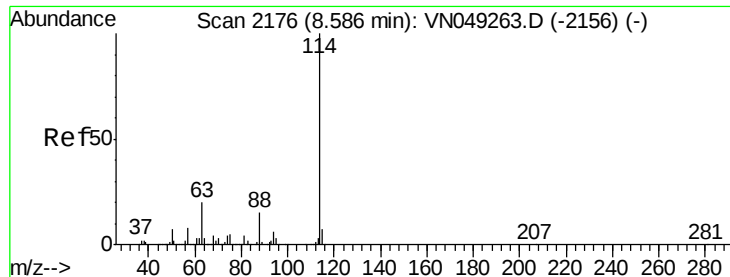
Tot Ion: 84 Resp: 215370
Ion Ratio Lower Upper
84 100
49 120.1 106.9 160.3
51 40.1 32.7 49.1
86 65.8 49.8 74.8



#33
1,2-Dichloroethane-d4
Concen: 49.96 ug/l
RT: 8.03 min Scan# 2002
Delta R.T. 0.00 min
Lab File: VN049293.D
Acq: 16 Jun 2018 6:52

Tgt Ion: 65 Resp: 838884
Ion Ratio Lower Upper
65 100
67 53.0 0.0 103.8

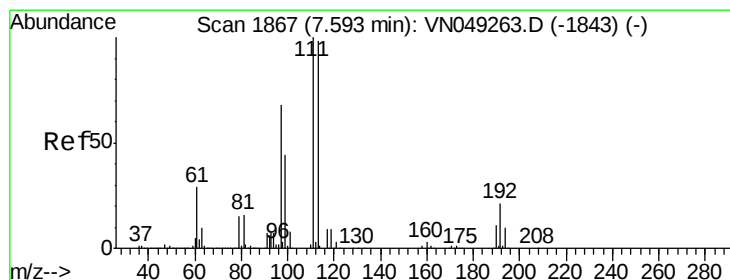
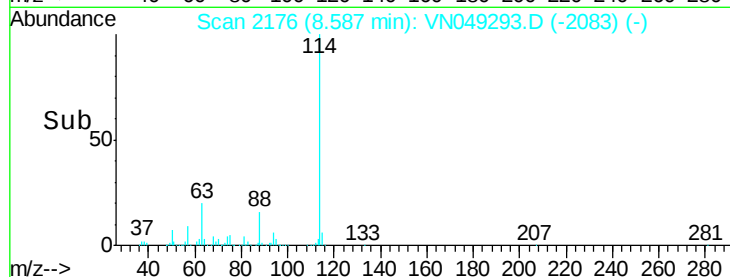
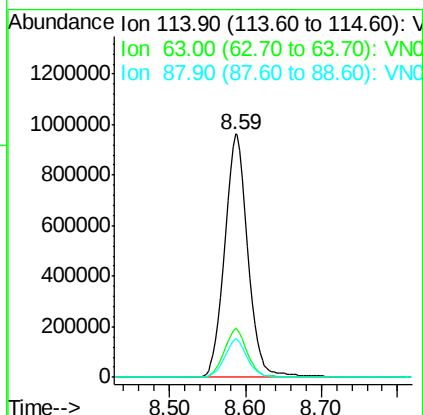
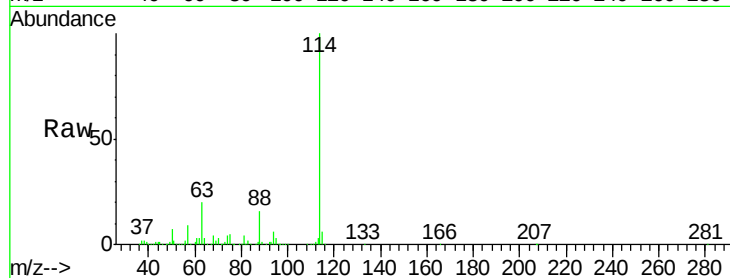




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049293.D
 Acq: 16 Jun 2018 6:52

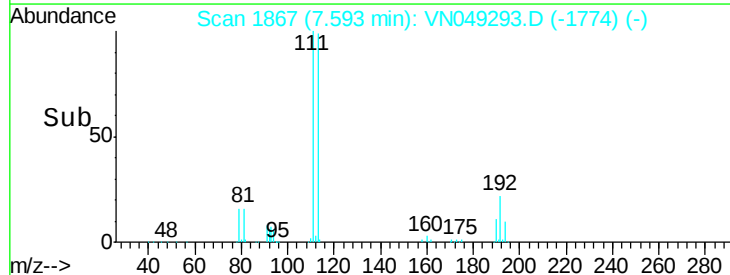
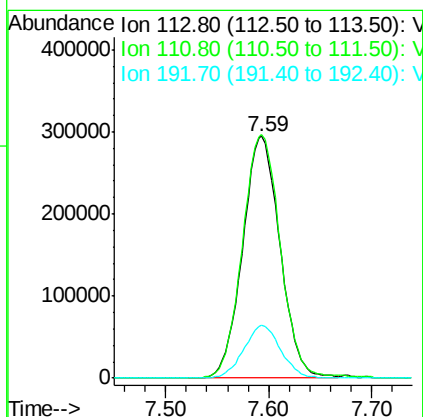
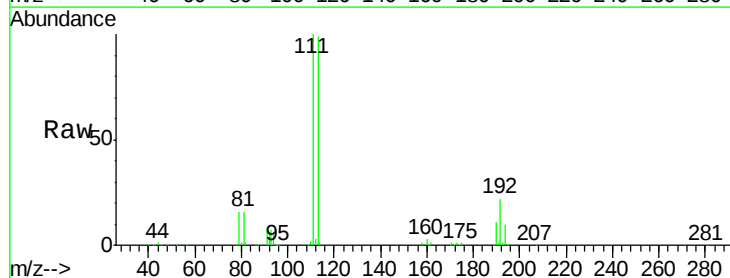
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-46COMP

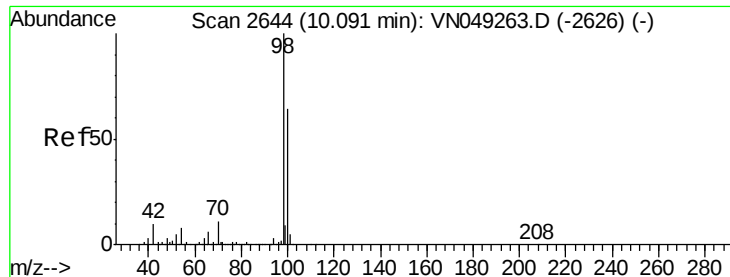
Tot Ion:114 Resp: 2053386
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 44.4
 88 15.7 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 44.60 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049293.D
 Acq: 16 Jun 2018 6:52

Tgt Ion:113 Resp: 740946
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.4 123.6
 192 21.7 15.0 22.6





#50

Toluene-d8

Concen: 43.90 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049293.D

Acq: 16 Jun 2018 6:52

Instrument :

MSVOA_N

ClientSampleId :

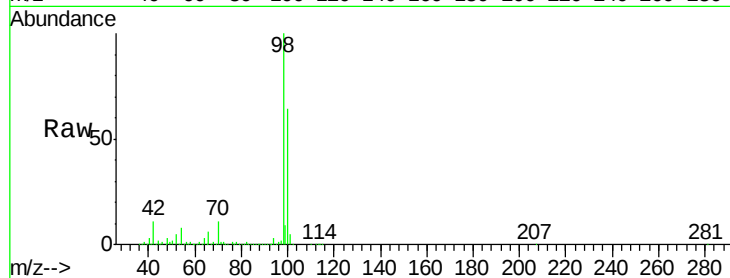
SB-46COMP

Tot Ion: 98 Resp: 2776919

Ion Ratio Lower Upper

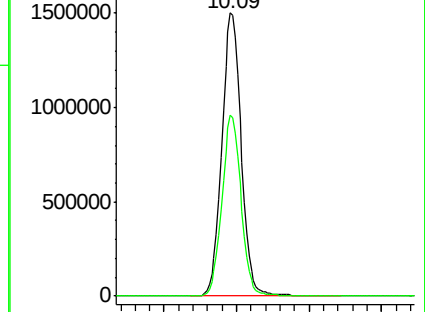
98 100

100 63.1 49.8 74.8

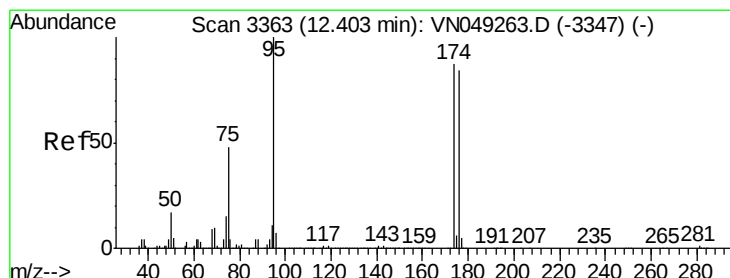
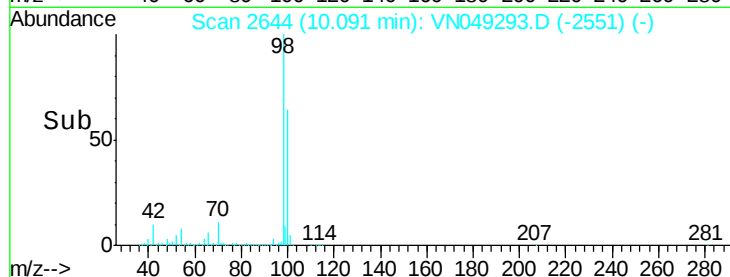


Abundance Ion 98.00 (97.70 to 98.70): VN049263.D (-2626) (-)

Ion 100.00 (99.70 to 100.70): VN049263.D (-2626) (-)



Time-->



#62

4-Bromofluorobenzene

Concen: 30.42 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049293.D

Acq: 16 Jun 2018 6:52

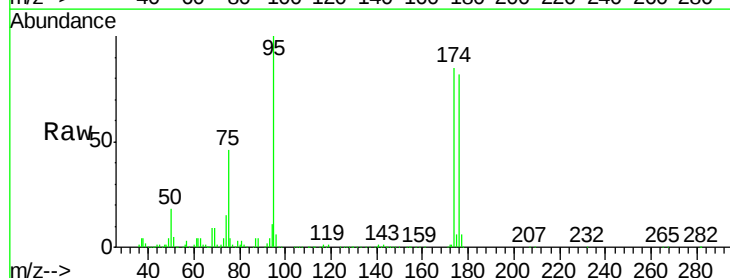
Tgt Ion: 95 Resp: 636160

Ion Ratio Lower Upper

95 100

174 88.1 0.0 165.6

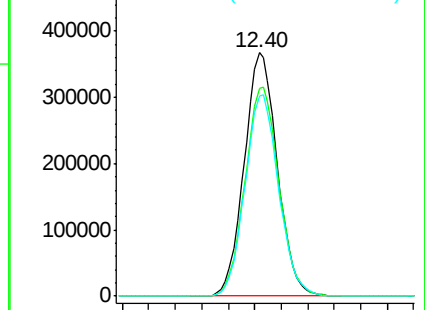
176 84.1 0.0 157.4



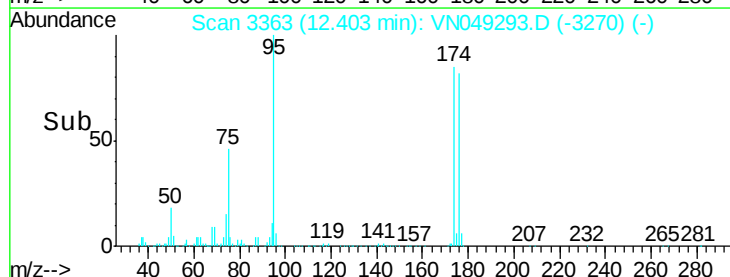
Abundance Ion 94.90 (94.60 to 95.60): VN049263.D (-3347) (-)

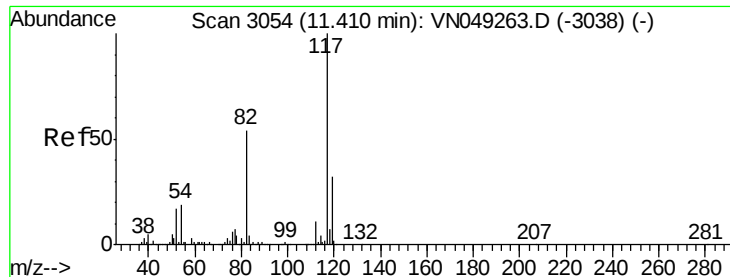
Ion 173.80 (173.50 to 174.50): VN049263.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN049263.D (-3347) (-)



Time-->





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049293.D

Acq: 16 Jun 2018 6:52

Instrument :

MSVOA_N

ClientSampled :

SB-46COMP

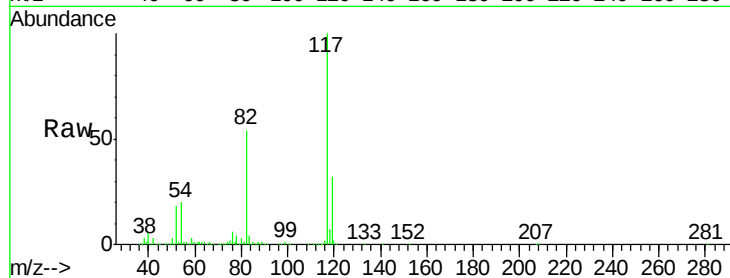
Tot Ion:117 Resp: 1595693

Ion Ratio Lower Upper

117 100

82 54.1 45.9 68.9

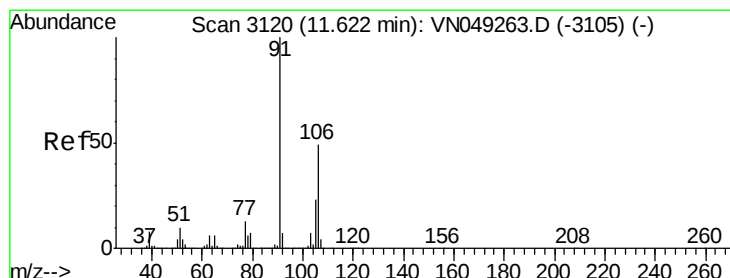
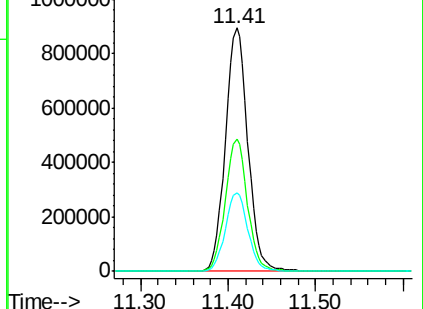
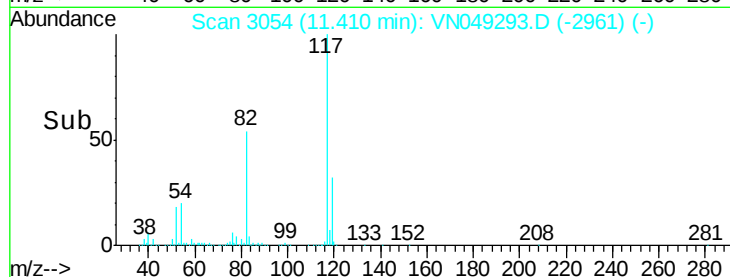
119 32.4 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#68

m/p-Xylenes

Concen: 1.75 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN049293.D

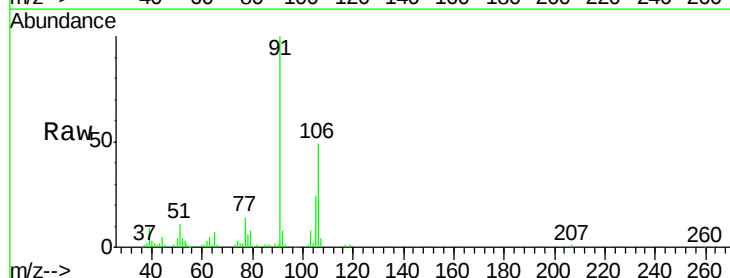
Acq: 16 Jun 2018 6:52

Tgt Ion:106 Resp: 44691

Ion Ratio Lower Upper

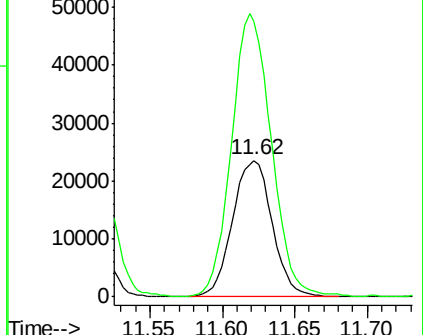
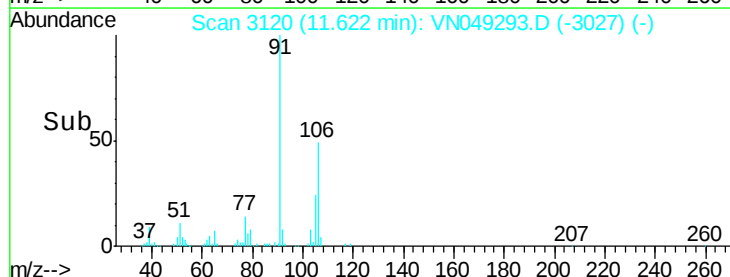
106 100

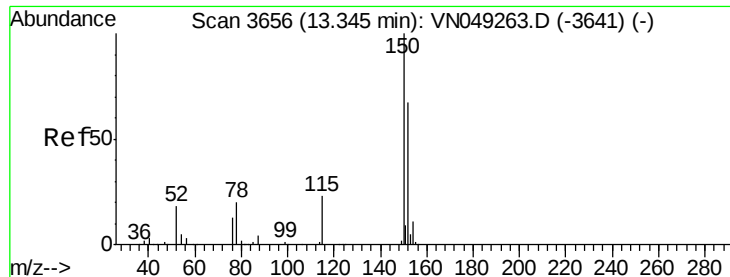
91 209.1 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049293.D

Acq: 16 Jun 2018 6:52

Instrument :

MSVOA_N

ClientSampled :

SB-46COMP

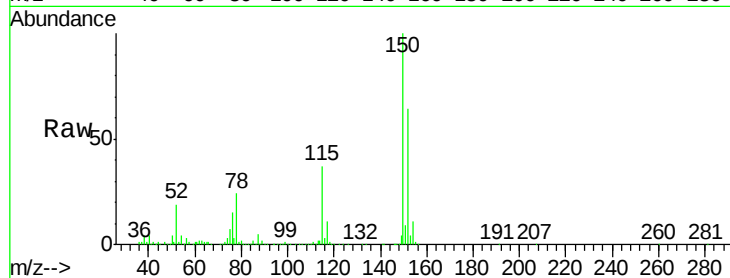
Tot Ion:152 Resp: 436411

Ion Ratio Lower Upper

152 100

115 57.8 28.7 86.1

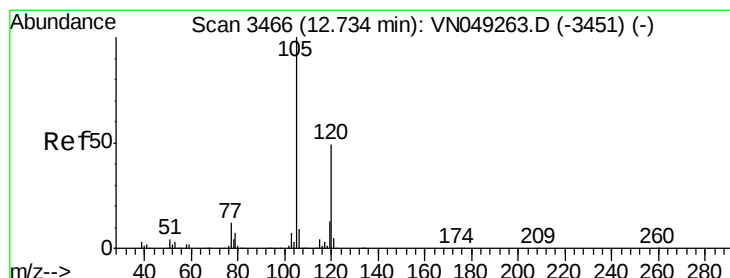
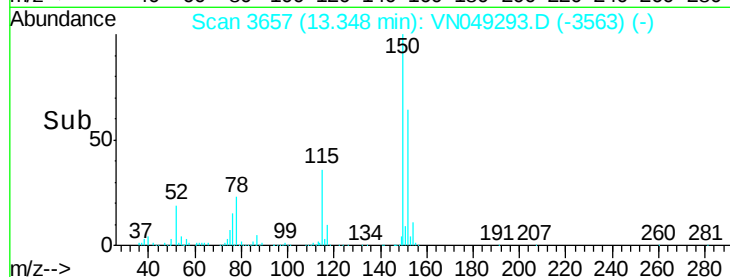
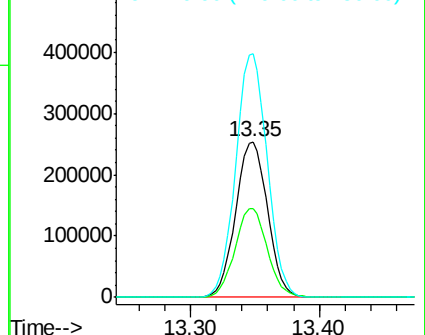
150 154.7 0.0 351.0



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



#80

1,3,5-Trimethylbenzene

Concen: 1.56 ug/l

RT: 12.74 min Scan# 3467

Delta R.T. 0.00 min

Lab File: VN049293.D

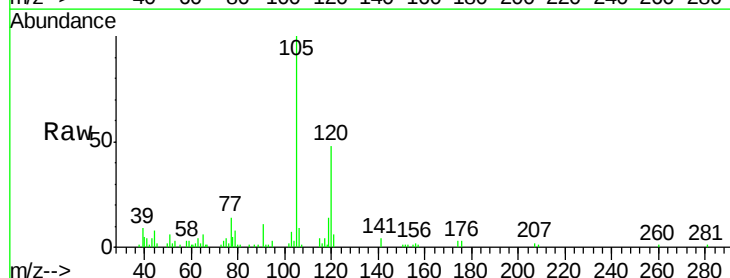
Acq: 16 Jun 2018 6:52

Tgt Ion:105 Resp: 47095

Ion Ratio Lower Upper

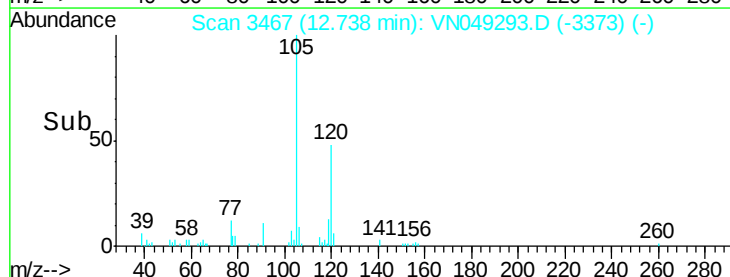
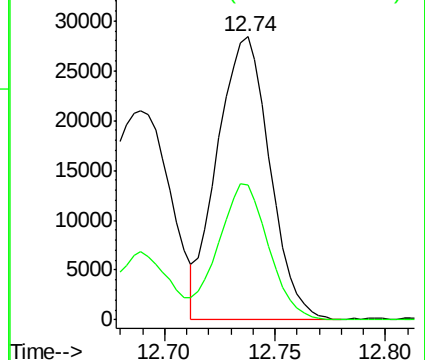
105 100

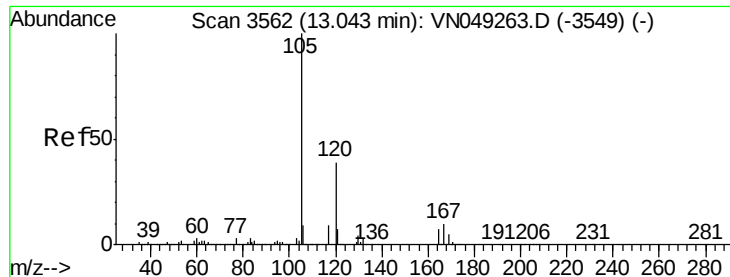
120 45.8 23.5 70.5



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: 4.50 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049293.D

Acq: 16 Jun 2018 6:52

Instrument :

MSVOA_N

ClientSampleId :

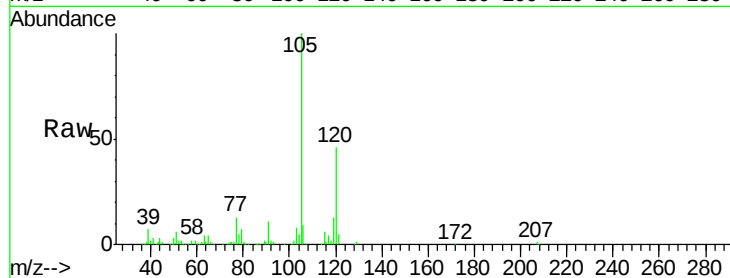
SB-46COMP

Tot Ion:105 Resp: 134565

Ion Ratio Lower Upper

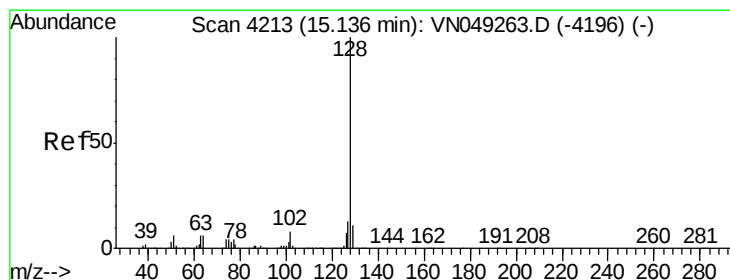
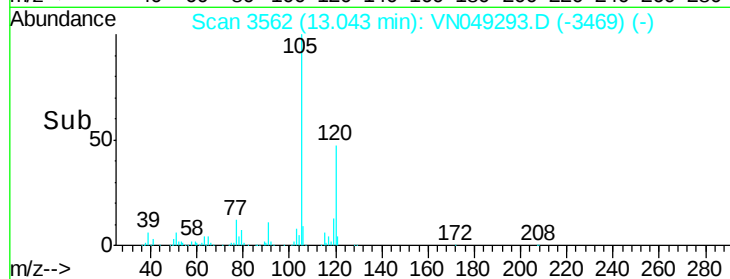
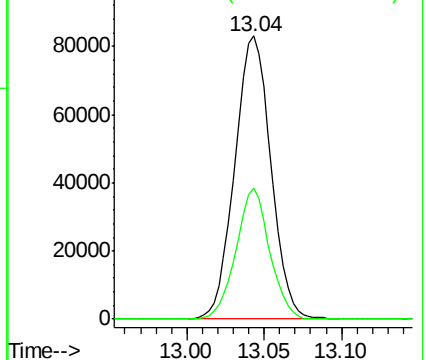
105 100

120 43.1 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: 4.02 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049293.D

Acq: 16 Jun 2018 6:52

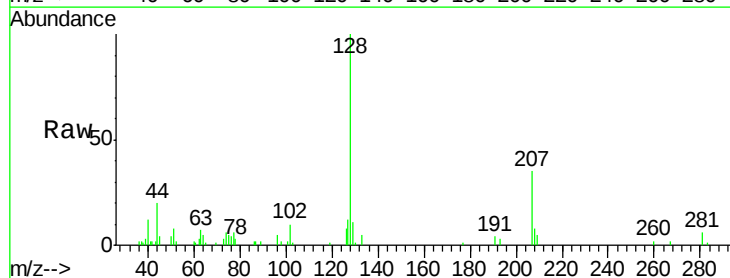
Tgt Ion:128 Resp: 23539

Ion Ratio Lower Upper

128 100

127 13.6 10.6 16.0

129 11.6 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

