

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061918\
 Data File : VN049430.D
 Acq On : 20 Jun 2018 11:19
 Operator : MD\SY
 Sample : J3573-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-45-COMP

Quant Time: Jun 20 13:47:44 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	1316080	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2098605	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1745626	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	657735	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	862746	49.43	ug/l	0.00
Spiked Amount			Recovery	=	98.86%	
35) Dibromofluoromethane	7.59	113	765761	45.10	ug/l	0.00
Spiked Amount			Recovery	=	90.20%	
50) Toluene-d8	10.09	98	2841321	43.95	ug/l	0.00
Spiked Amount			Recovery	=	87.90%	
62) 4-Bromofluorobenzene	12.40	95	808309	37.81	ug/l	0.00
Spiked Amount			Recovery	=	75.62%	

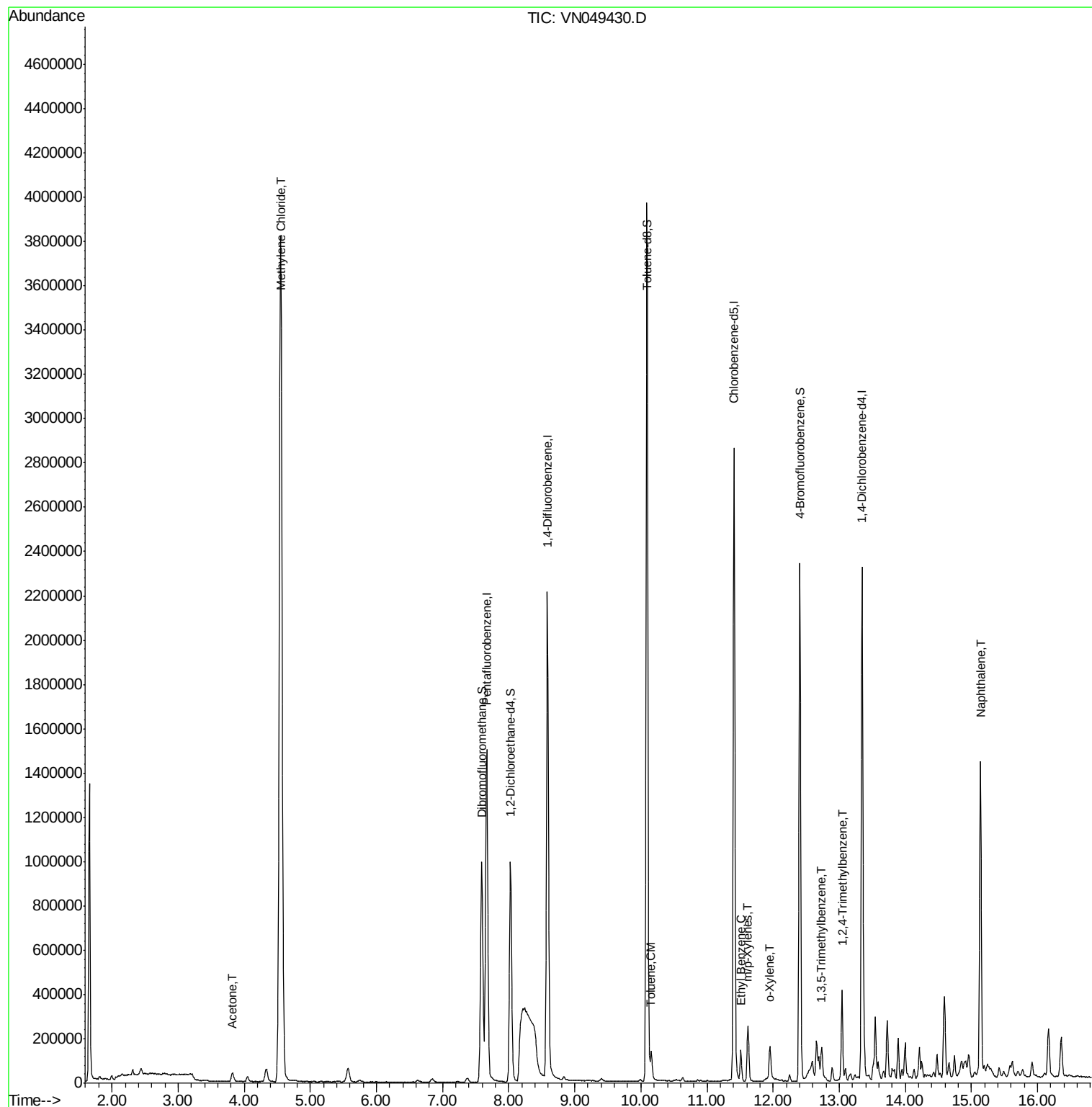
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	65760	15.516	ug/l	94
20) Methylene Chloride	4.55	84	2951207	166.723	ug/l	92
52) Toluene	10.16	92	47756	1.103	ug/l	98
67) Ethyl Benzene	11.51	91	97493	1.307	ug/l	94
68) m/p-Xylenes	11.62	106	78702	2.812	ug/l	97
69) o-Xylene	11.95	106	35871	1.330	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	64404	1.419	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	226866	5.031	ug/l	97
95) Naphthalene	15.14	128	1269462	61.134	ug/l	99

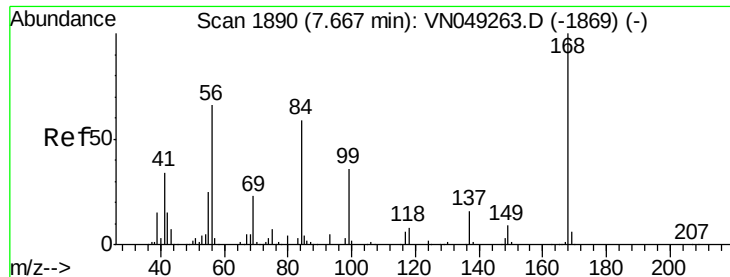
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061918\
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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049430.D

Acq: 20 Jun 2018 11:19

Instrument :

MSVOA_N

ClientSampleId :

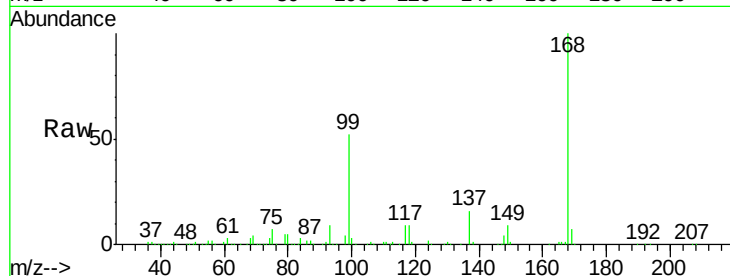
SB-45-COMP

Tot Ion:168 Resp: 1316080

Ion Ratio Lower Upper

168 100

99 52.1 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

600000

500000

400000

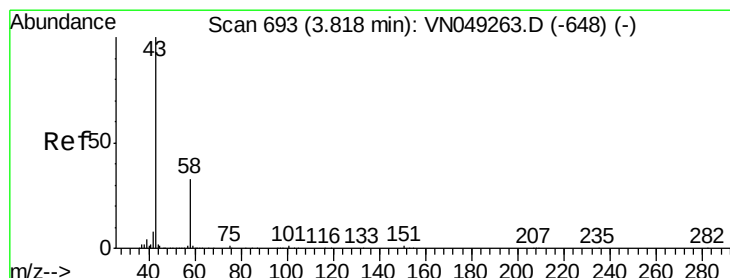
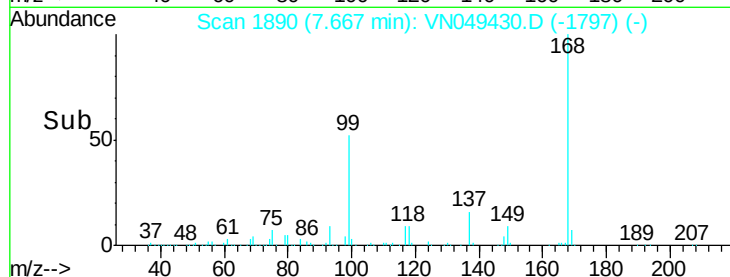
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 15.516 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049430.D

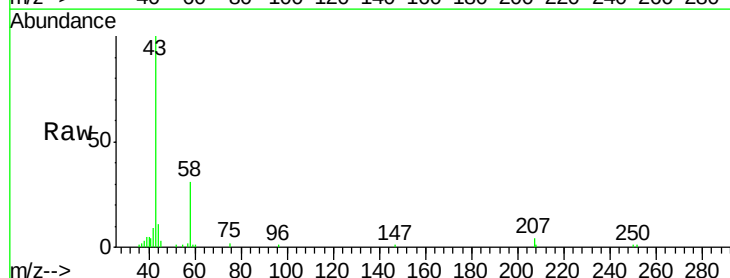
Acq: 20 Jun 2018 11:19

Tgt Ion: 43 Resp: 65760

Ion Ratio Lower Upper

43 100

58 31.1 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

25000

20000

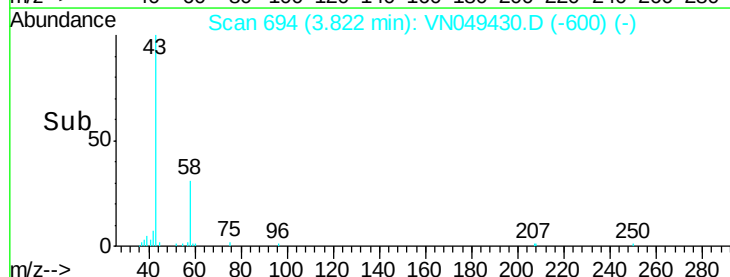
15000

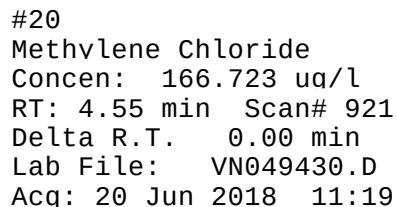
10000

5000

0

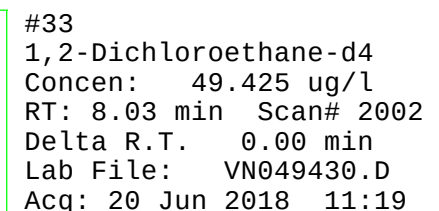
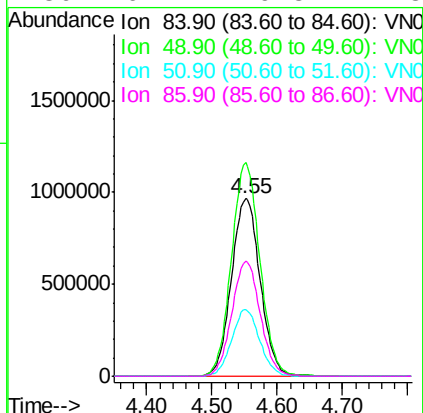
Time-->



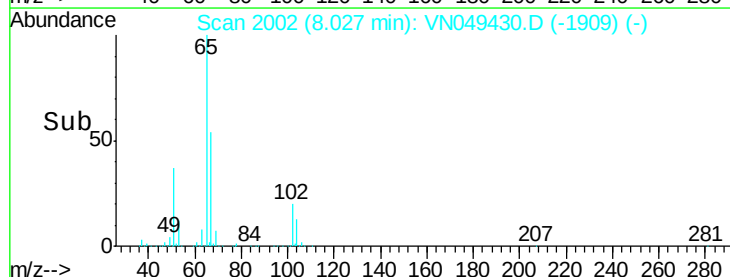
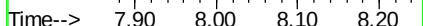
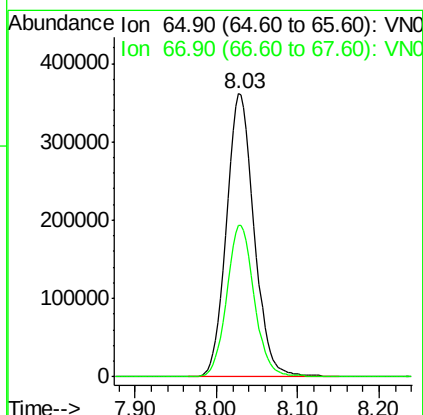


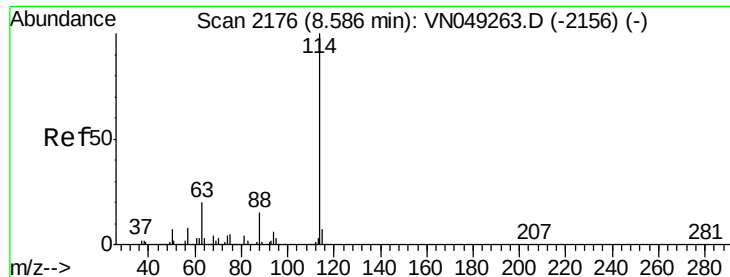
Instrument :
MSVOA_N
ClientSampleId :
SB-45-COMP

Tot	Ion: 84	Resp: 2951207	
Ion	Ratio	Lower	Upper
84	100		
49	120.3	106.9	160.3
51	37.5	32.7	49.1
86	64.7	49.8	74.8



Tgt	Ion: 65	Resp:	862746
Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	103.8

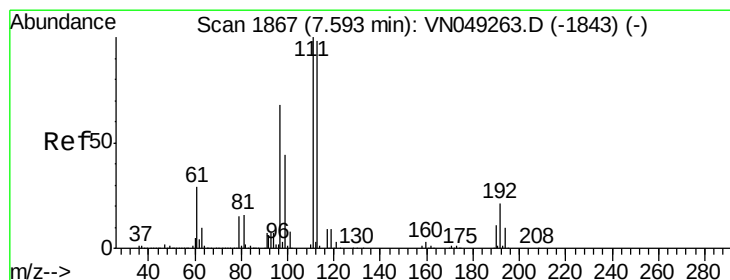
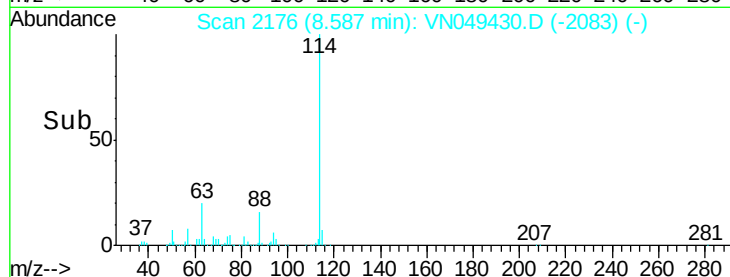
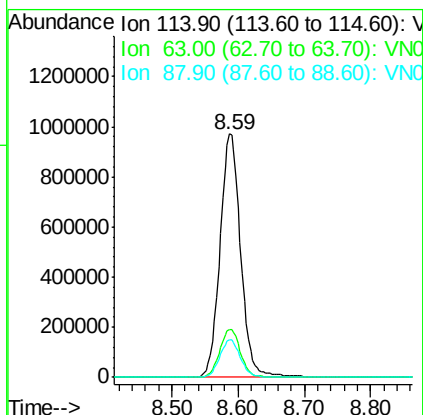
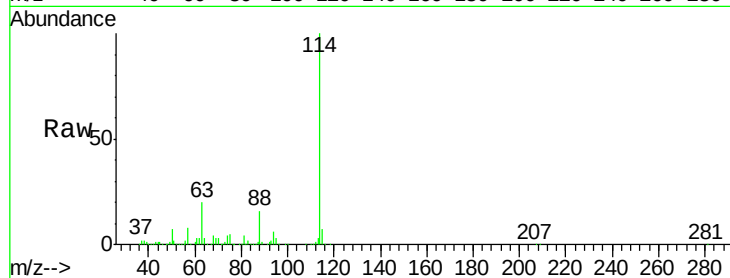




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049430.D
 Acq: 20 Jun 2018 11:19

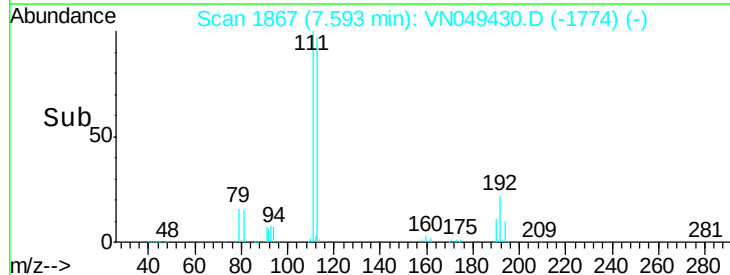
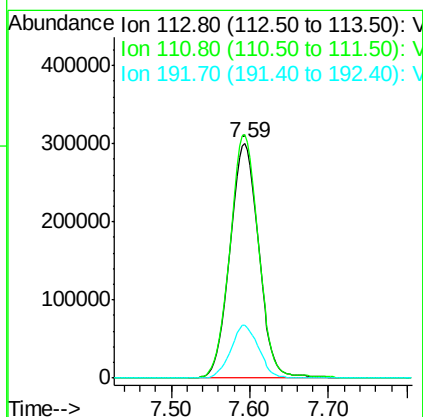
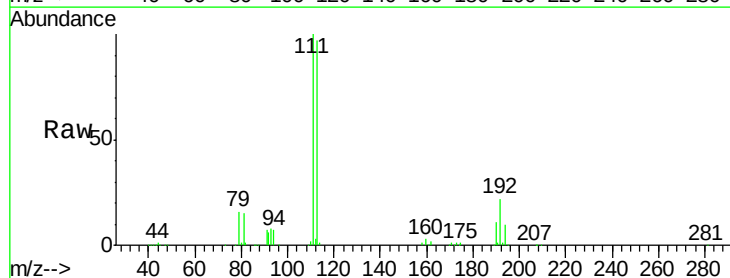
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-45-COMP

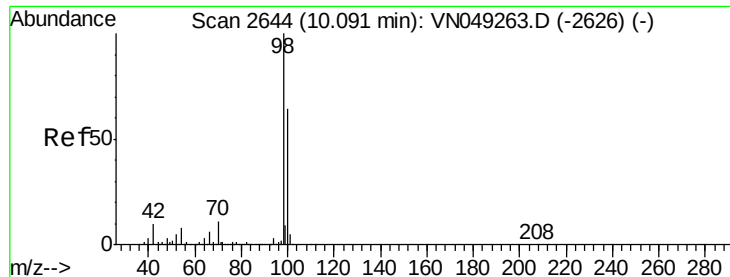
Tot Ion:114 Resp: 2098605
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 44.4
 88 15.5 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 45.101 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049430.D
 Acq: 20 Jun 2018 11:19

Tgt Ion:113 Resp: 765761
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.4 123.6
 192 21.9 15.0 22.6

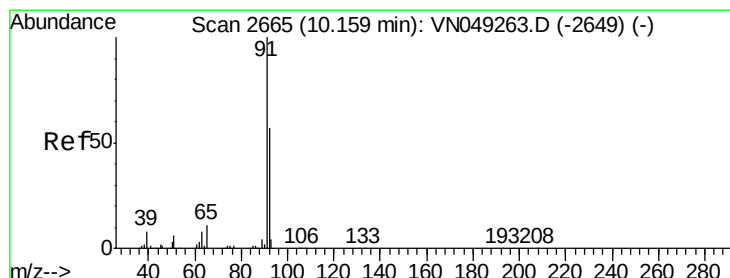
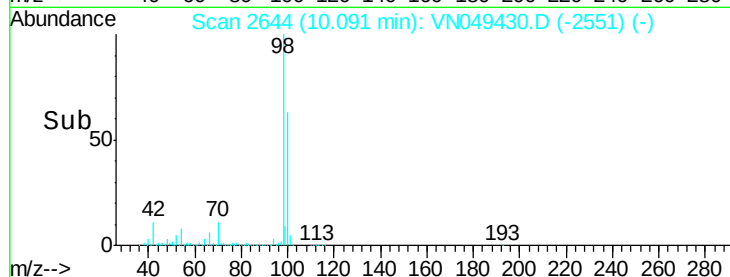
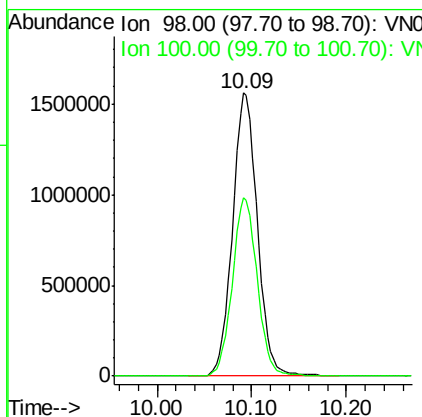
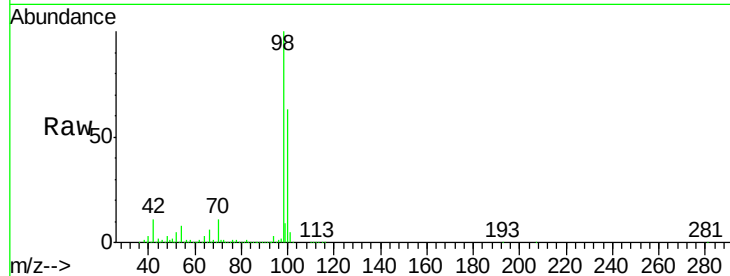




#50
Toluene-d8
Concen: 43.950 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049430.D
Acq: 20 Jun 2018 11:19

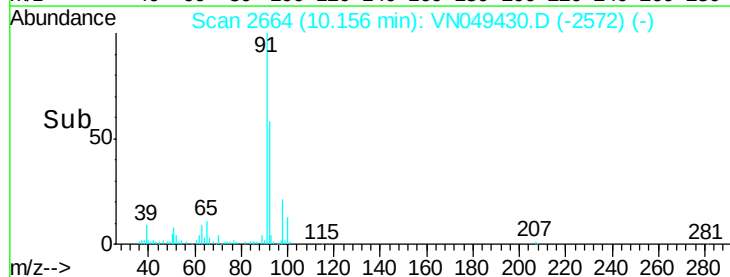
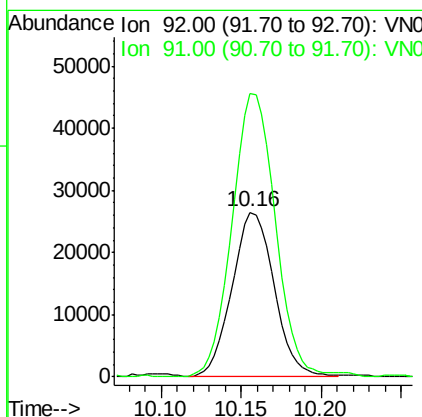
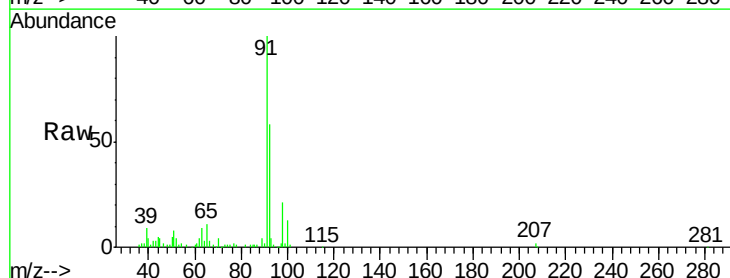
Instrument :
MSVOA_N
ClientSampleId :
SB-45-COMP

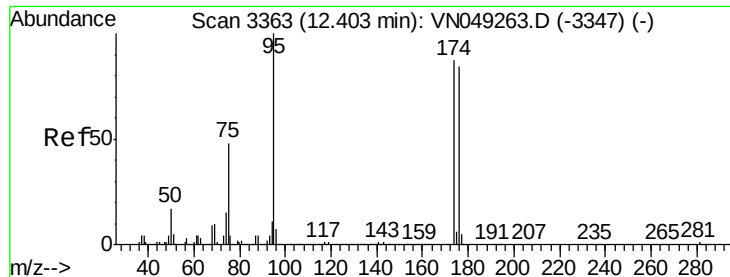
Tot Ion: 98 Resp: 2841321
Ion Ratio Lower Upper
98 100
100 63.5 49.8 74.8



#52
Toluene
Concen: 1.103 ug/l
RT: 10.16 min Scan# 2664
Delta R.T. -0.00 min
Lab File: VN049430.D
Acq: 20 Jun 2018 11:19

Tgt Ion: 92 Resp: 47756
Ion Ratio Lower Upper
92 100
91 176.8 143.4 215.2





#62

4-Bromofluorobenzene

Concen: 37.813 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049430.D

Acq: 20 Jun 2018 11:19

Instrument :

MSVOA_N

ClientSampleId :

SB-45-COMP

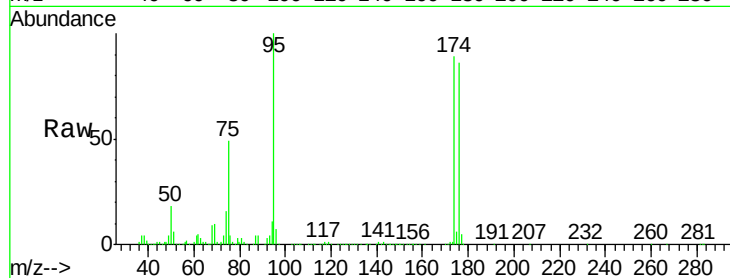
Tot Ion: 95 Resp: 808309

Ion Ratio Lower Upper

95 100

174 89.4 0.0 165.6

176 86.9 0.0 157.4



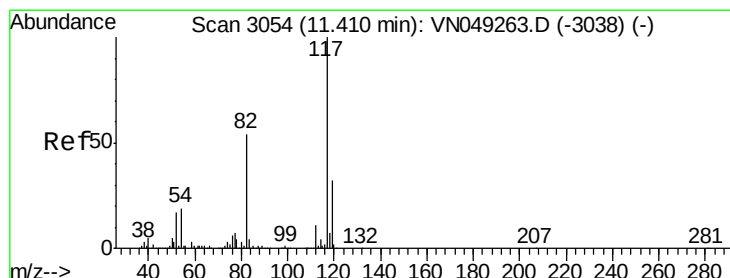
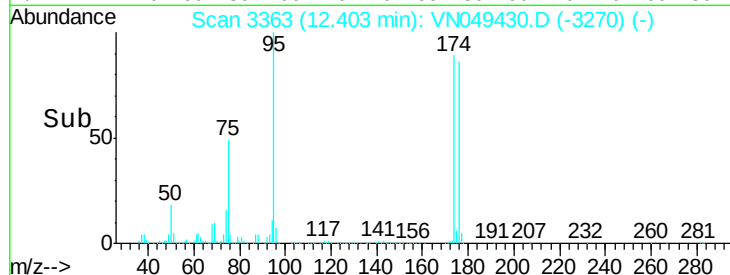
Abundance Ion 94.90 (94.60 to 95.60): VN049430.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049430.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049430.D (-3270) (-)

12.40

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049430.D

Acq: 20 Jun 2018 11:19

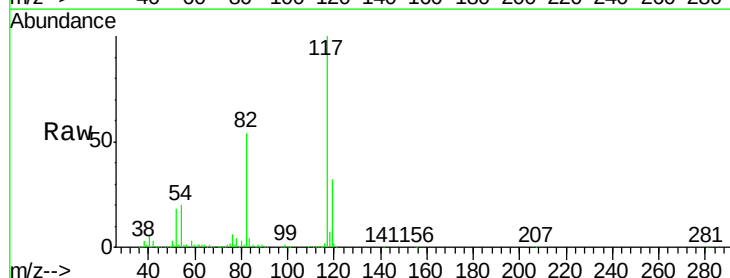
Tgt Ion: 117 Resp: 1745626

Ion Ratio Lower Upper

117 100

82 54.3 45.9 68.9

119 31.8 25.5 38.3



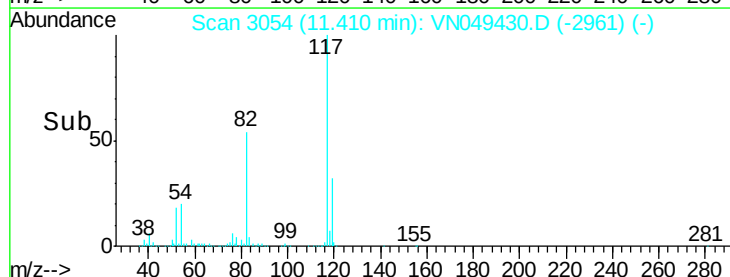
Abundance Ion 116.90 (116.60 to 117.60): VN049430.D (-2961) (-)

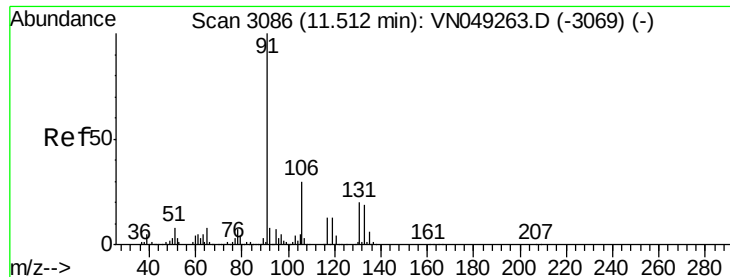
Ion 82.00 (81.70 to 82.70): VN049430.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049430.D (-2961) (-)

11.41

Time-->





#67

Ethyl Benzene

Concen: 1.307 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049430.D

Acq: 20 Jun 2018 11:19

Instrument :

MSVOA_N

ClientSampled :

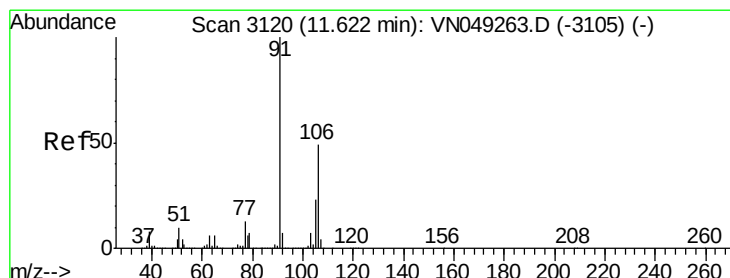
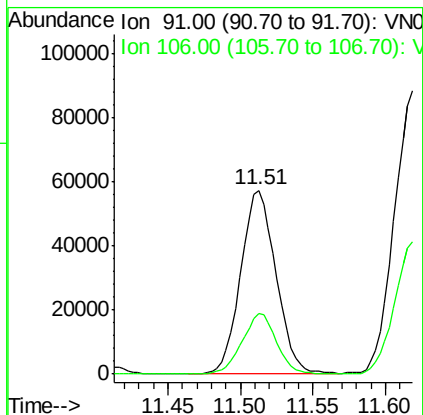
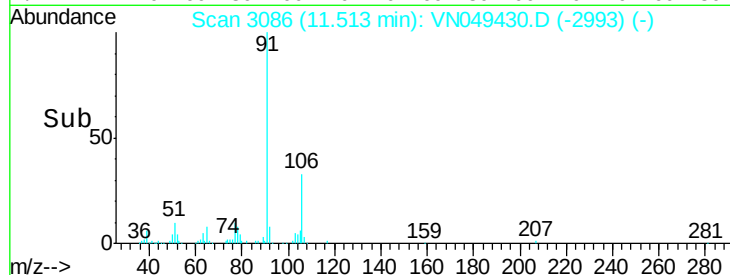
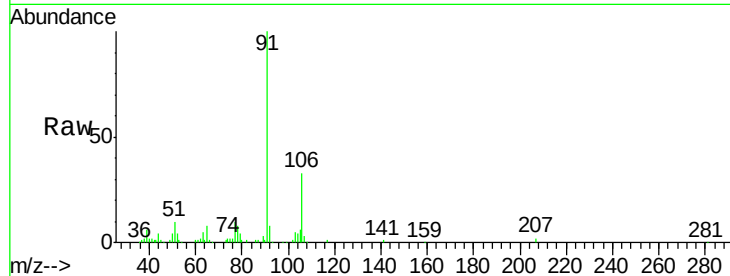
SB-45-COMP

Tot Ion: 91 Resp: 97493

Ion Ratio Lower Upper

91 100

106 33.3 23.9 35.9



#68

m/p-Xylenes

Concen: 2.812 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. -0.00 min

Lab File: VN049430.D

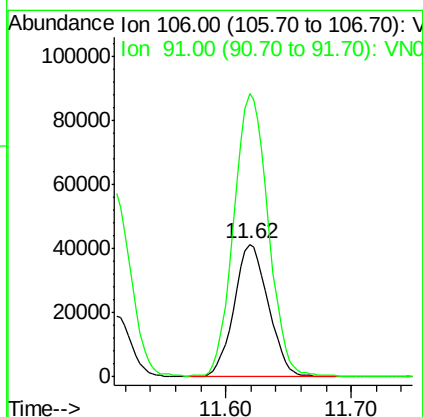
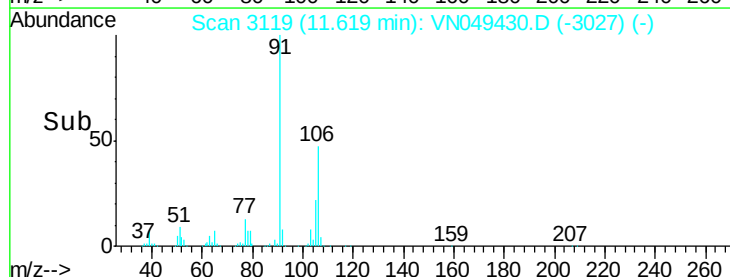
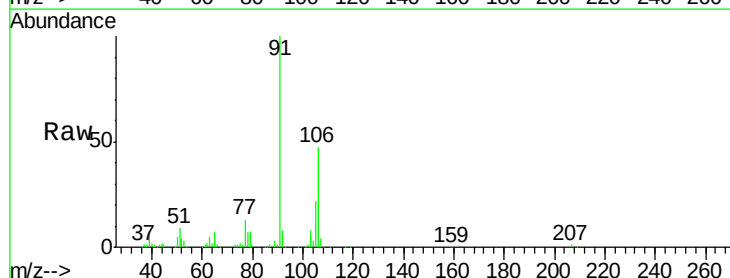
Acq: 20 Jun 2018 11:19

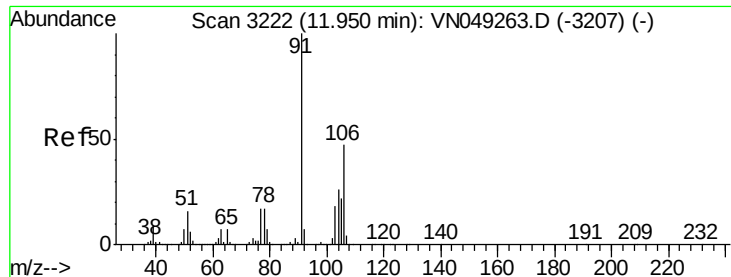
Tgt Ion: 106 Resp: 78702

Ion Ratio Lower Upper

106 100

91 213.8 167.3 250.9





#69

o-Xylene

Concen: 1.330 ug/l

RT: 11.95 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN049430.D

Acq: 20 Jun 2018 11:19

Instrument :

MSVOA_N

ClientSampled :

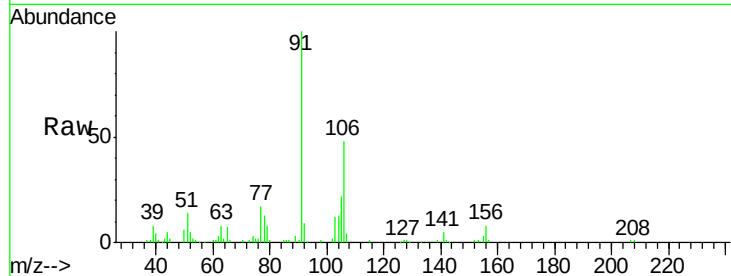
SB-45-COMP

Tot Ion:106 Resp: 35871

Ion Ratio Lower Upper

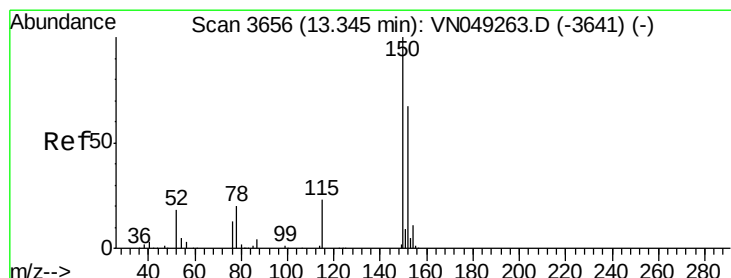
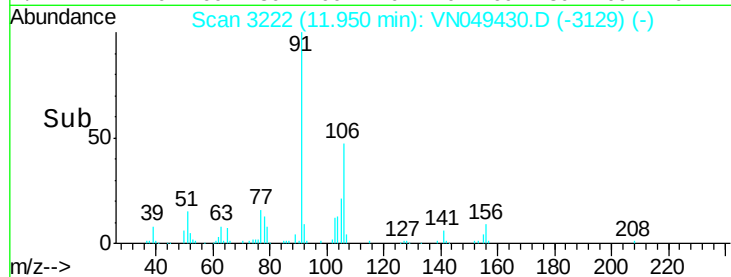
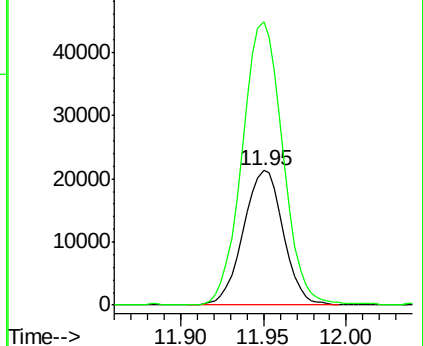
106 100

91 213.1 111.0 333.0



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: 50.000 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049430.D

Acq: 20 Jun 2018 11:19

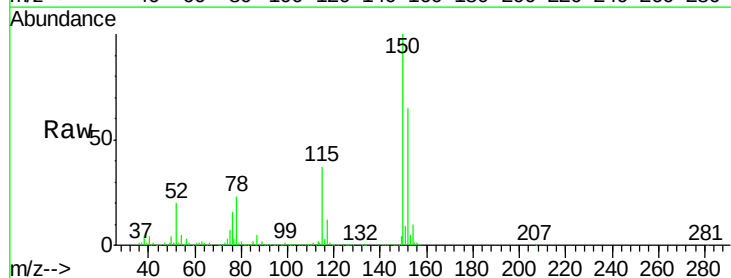
Tgt Ion:152 Resp: 657735

Ion Ratio Lower Upper

152 100

115 57.0 28.7 86.1

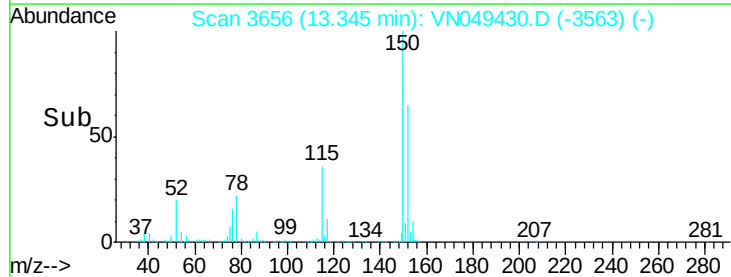
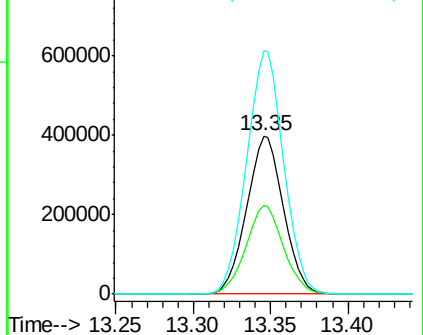
150 155.3 0.0 351.0

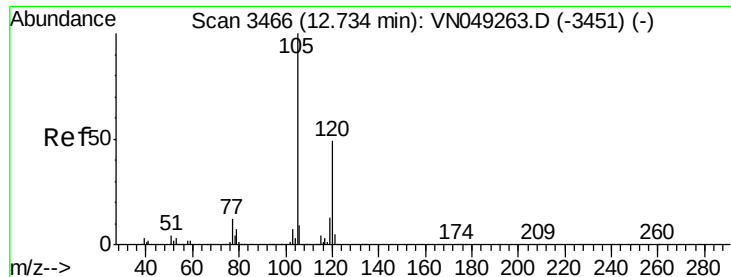


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#80

1,3,5-Trimethylbenzene

Concen: 1.419 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049430.D

Acq: 20 Jun 2018 11:19

Instrument :

MSVOA_N

ClientSampled :

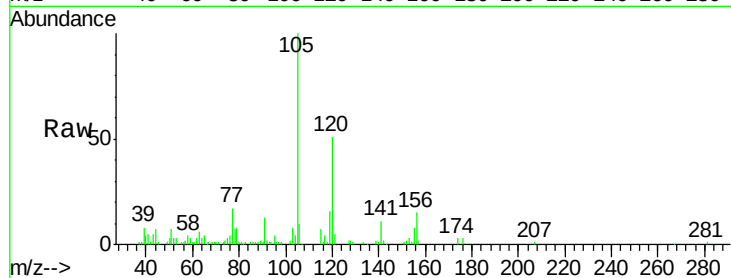
SB-45-COMP

Tot Ion:105 Resp: 64404

Ion Ratio Lower Upper

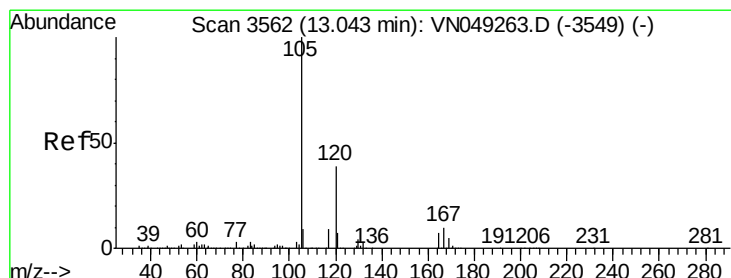
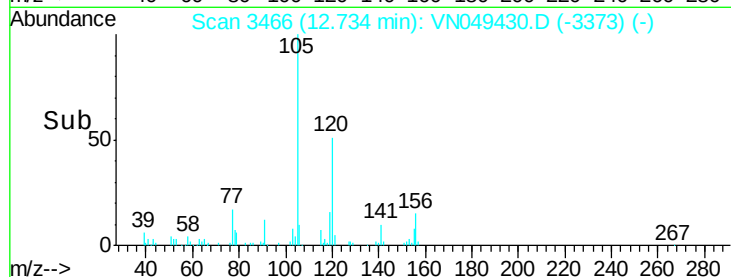
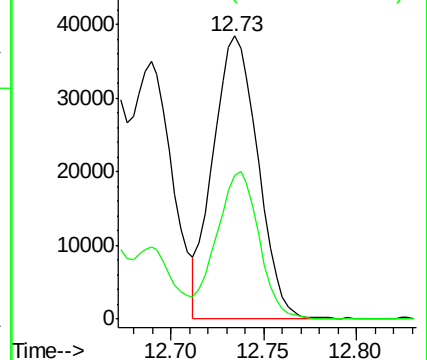
105 100

120 49.3 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: 5.031 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049430.D

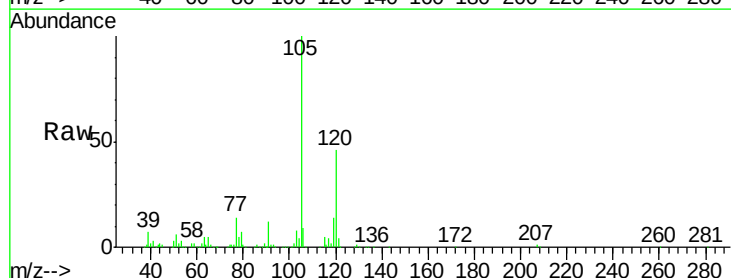
Acq: 20 Jun 2018 11:19

Tgt Ion:105 Resp: 226866

Ion Ratio Lower Upper

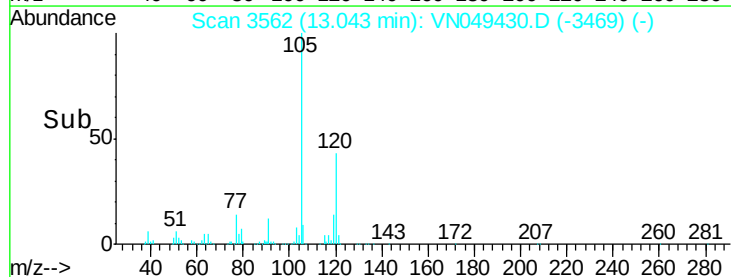
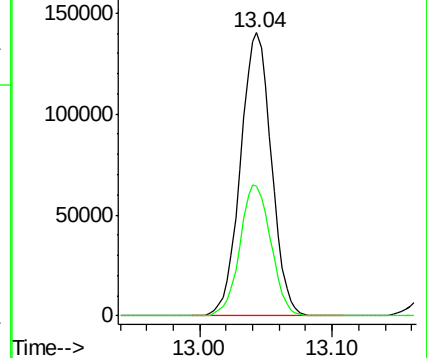
105 100

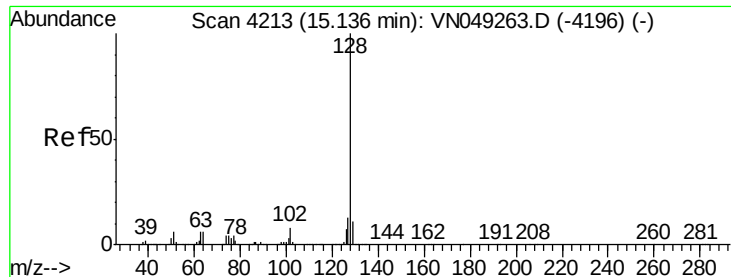
120 46.4 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95
Naphthalene
Concen: 61.134 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049430.D
Acq: 20 Jun 2018 11:19

Instrument :
MSVOA_N
ClientSampleId :
SB-45-COMP

Tot Ion:128 Resp: 1269462
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 11.0 8.5 12.7

