

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049301.D
 Acq On : 16 Jun 2018 10:18
 Operator : MD\SY
 Sample : J3464-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-42-COMP

Quant Time: Jun 18 02:11:54 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	1242880	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1973405	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1654464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	608750	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	803558	48.75	ug/l	0.00
Spiked Amount			Recovery	=	97.50%	
35) Dibromofluoromethane	7.59	113	720123	45.10	ug/l	0.00
Spiked Amount			Recovery	=	90.20%	
50) Toluene-d8	10.09	98	2711613	44.60	ug/l	0.00
Spiked Amount			Recovery	=	89.20%	
62) 4-Bromofluorobenzene	12.40	95	756236	37.62	ug/l	0.00
Spiked Amount			Recovery	=	75.24%	

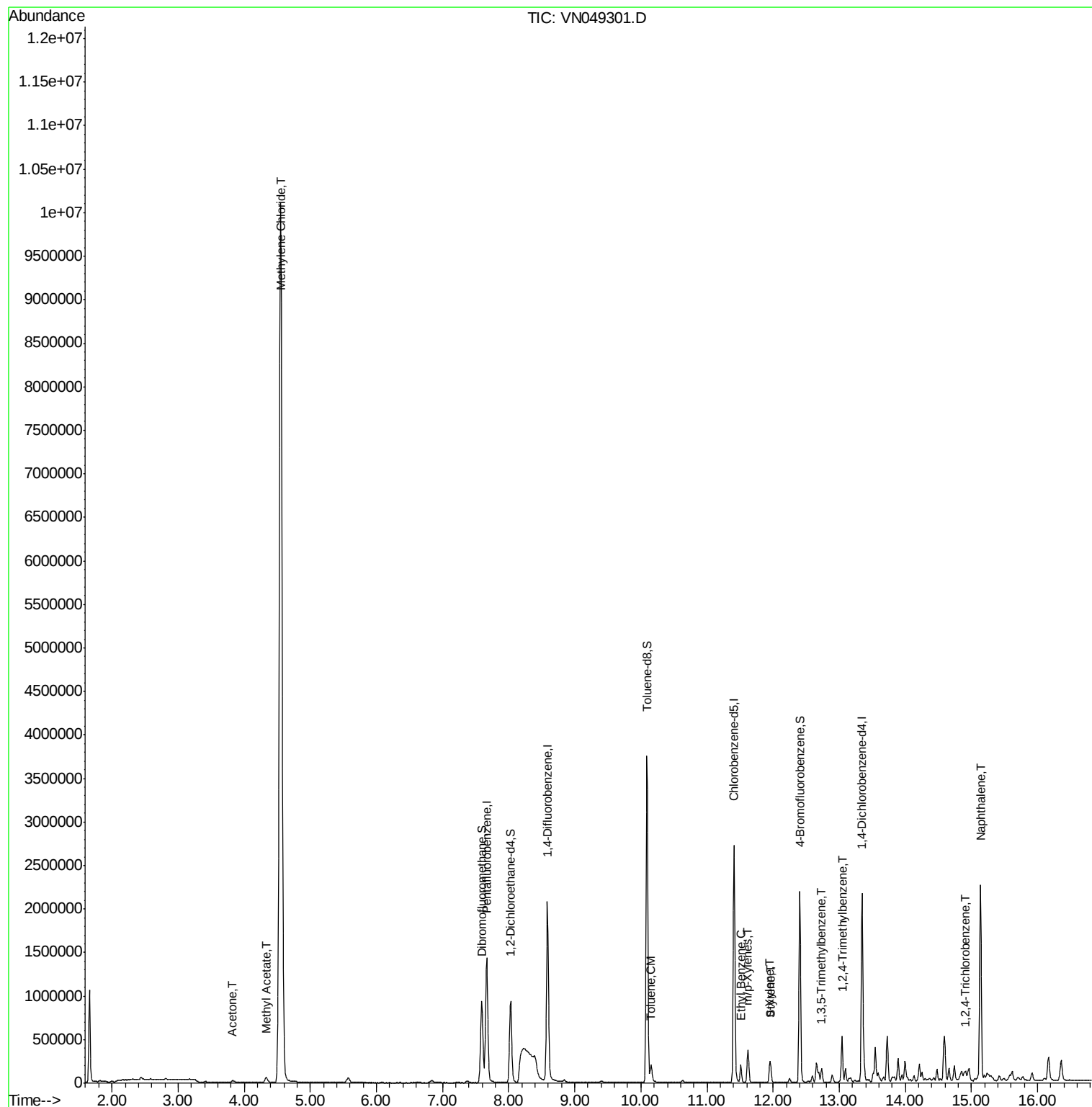
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	40907	10.22	ug/l	92
18) Methyl Acetate	4.34	43	111747	9.16	ug/l	95
20) Methylene Chloride	4.55	84	7751276	463.68	ug/l	92
52) Toluene	10.16	92	78198	1.92	ug/l	95
67) Ethyl Benzene	11.51	91	142935	2.02	ug/l	99
68) m/p-Xylenes	11.62	106	121189	4.57	ug/l	94
69) o-Xylene	11.95	106	56387	2.21	ug/l	90
70) Styrene	11.97	104	58986	1.46	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	81674	1.94	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	299998	7.19	ug/l	100
93) 1,2,4-Trichlorobenzene	14.91	180	28524	7.22	ug/l #	82
95) Naphthalene	15.14	128	1952179	92.76	ug/l	100

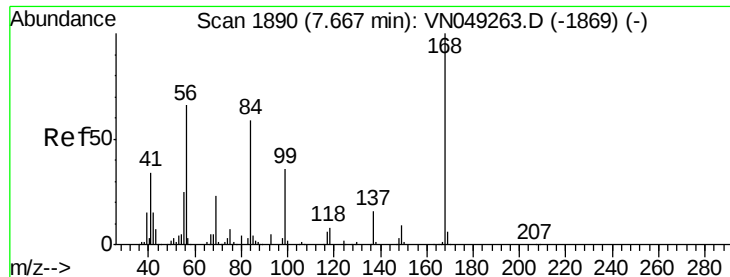
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049301.D

Acq: 16 Jun 2018 10:18

Instrument :

MSVOA_N

ClientSampleId :

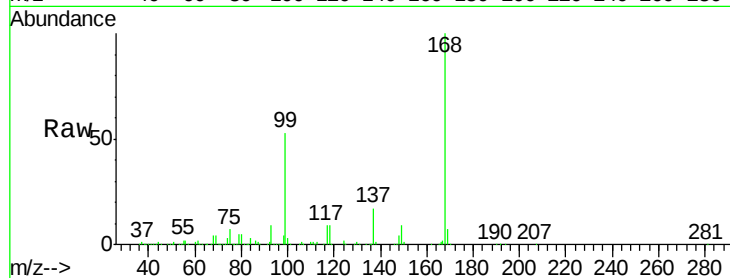
SB-42-COMP

Tot Ion:168 Resp: 1242880

Ion Ratio Lower Upper

168 100

99 52.6 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

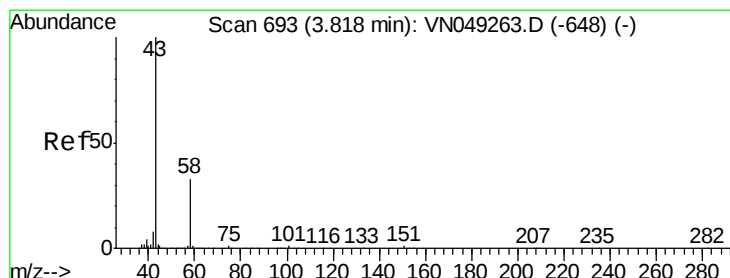
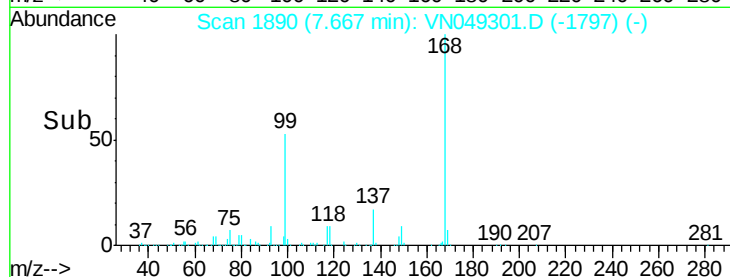
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 10.22 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049301.D

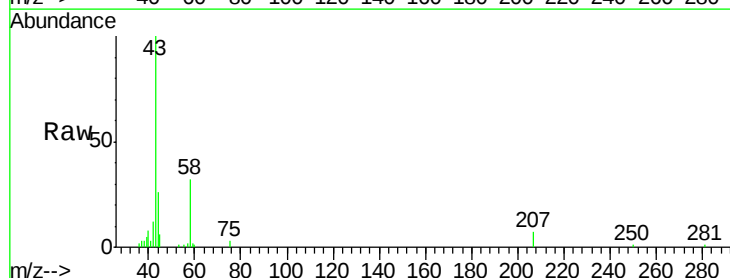
Acq: 16 Jun 2018 10:18

Tgt Ion: 43 Resp: 40907

Ion Ratio Lower Upper

43 100

58 32.4 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

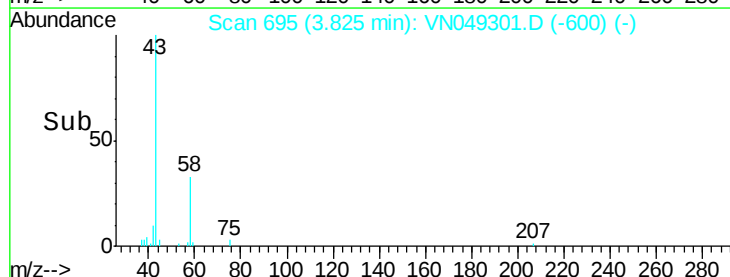
15000

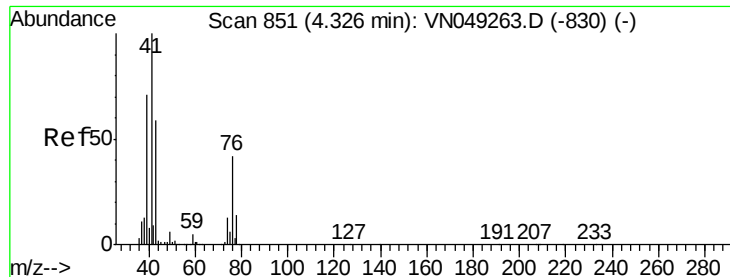
10000

5000

0

Time-->

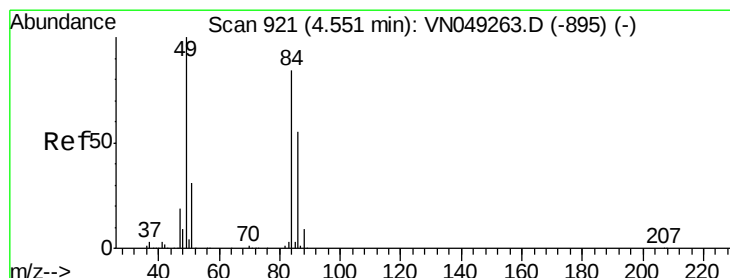
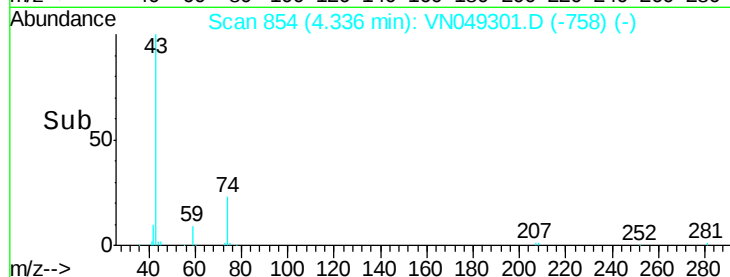
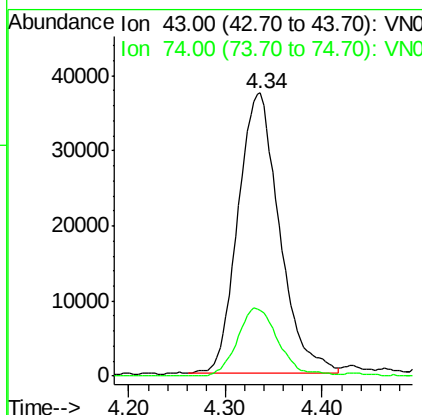
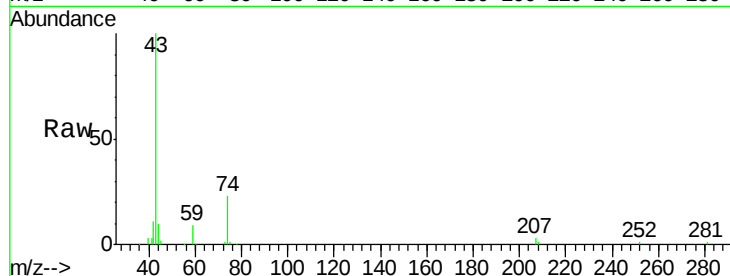




#18
Methvl Acetate
Concen: 9.16 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN049301.D
Acq: 16 Jun 2018 10:18

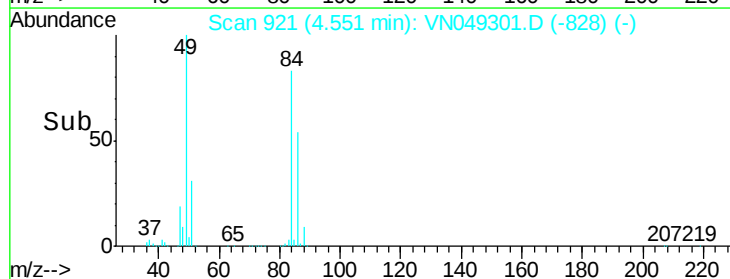
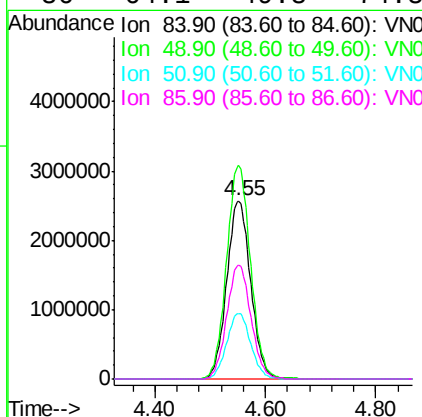
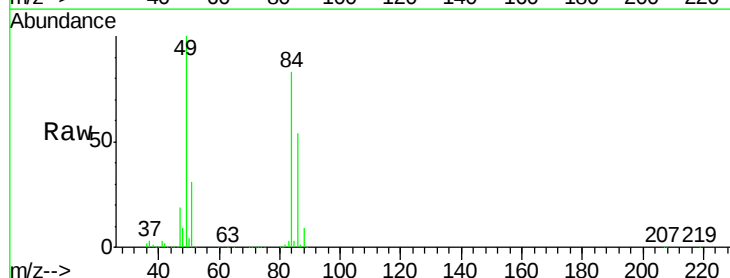
Instrument :
MSVOA_N
ClientSampleId :
SB-42-COMP

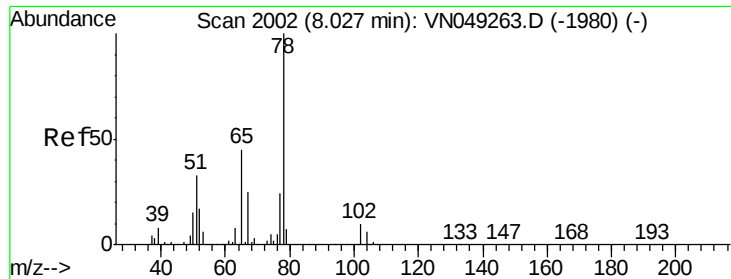
Tot Ion: 43 Resp: 111747
Ion Ratio Lower Upper
43 100
74 23.9 17.4 26.0



#20
Methylene Chloride
Concen: 463.68 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049301.D
Acq: 16 Jun 2018 10:18

Tgt Ion: 84 Resp: 7751276
Ion Ratio Lower Upper
84 100
49 119.8 106.9 160.3
51 36.9 32.7 49.1
86 64.1 49.8 74.8





#33

1,2-Dichloroethane-d4

Concen: 48.75 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. 0.00 min

Lab File: VN049301.D

Acq: 16 Jun 2018 10:18

Instrument :

MSVOA_N

ClientSampleId :

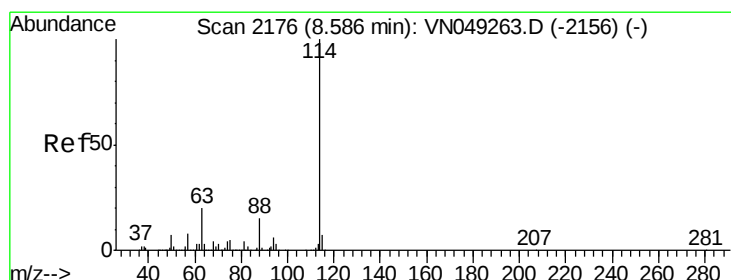
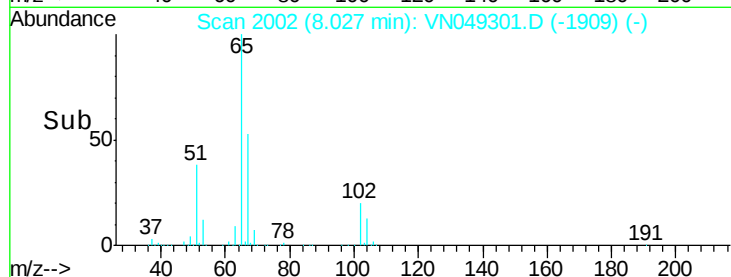
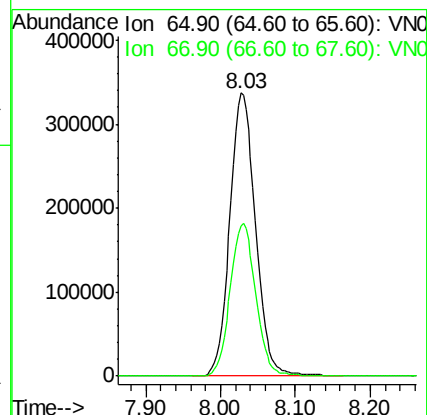
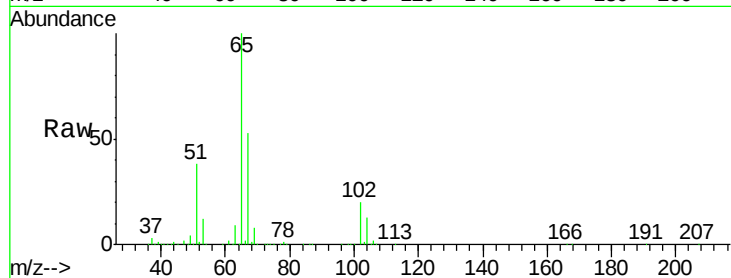
SB-42-COMP

Tot Ion: 65 Resp: 803558

Ion Ratio Lower Upper

65 100

67 53.7 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: VN049301.D

Acq: 16 Jun 2018 10:18

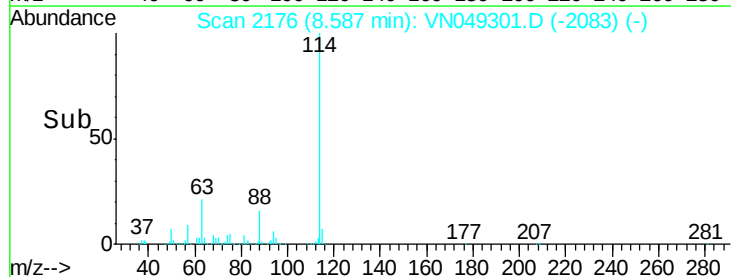
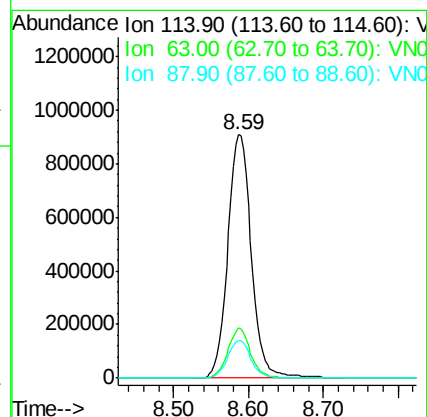
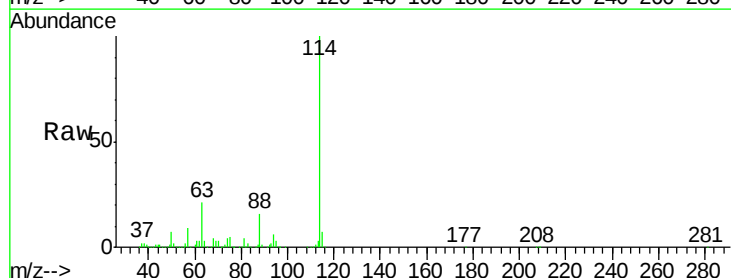
Tgt Ion: 114 Resp: 1973405

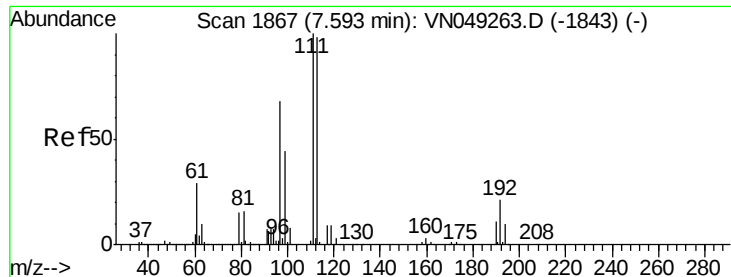
Ion Ratio Lower Upper

114 100

63 20.6 0.0 44.4

88 15.5 0.0 31.4

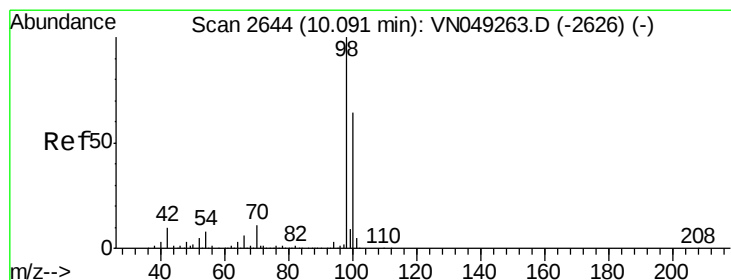
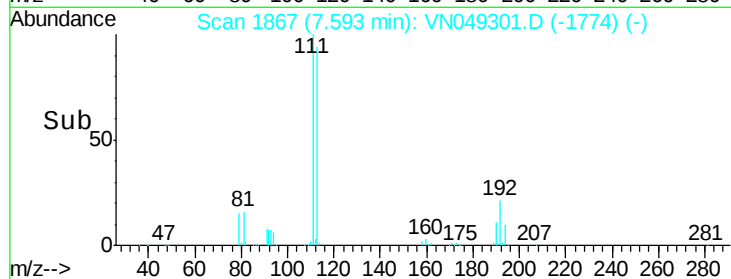
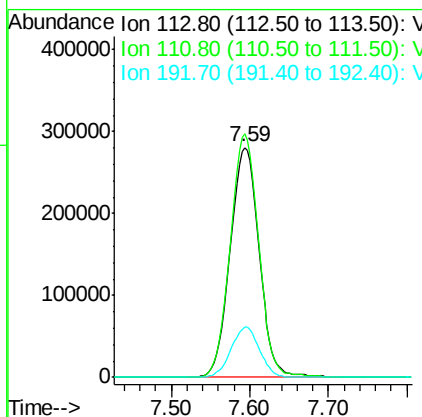
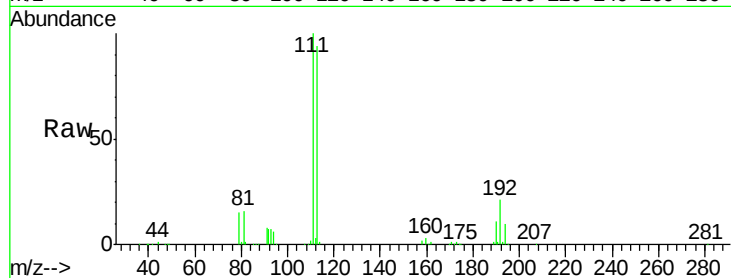




#35
 Dibromofluoromethane
 Concen: 45.10 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049301.D
 Acq: 16 Jun 2018 10:18

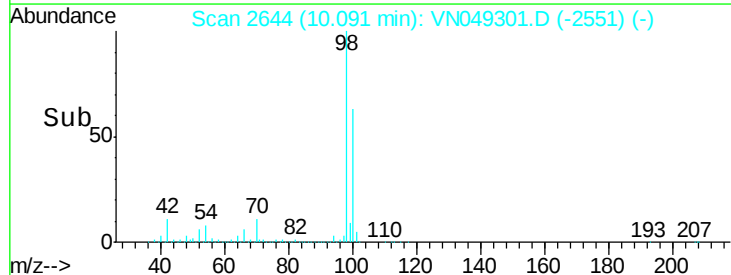
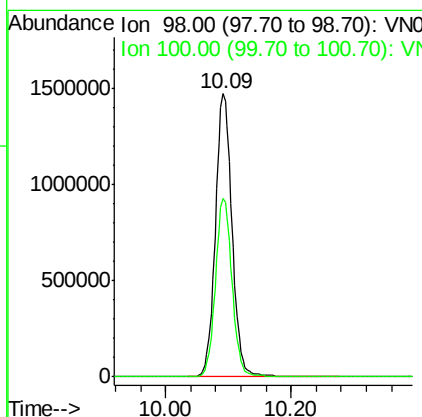
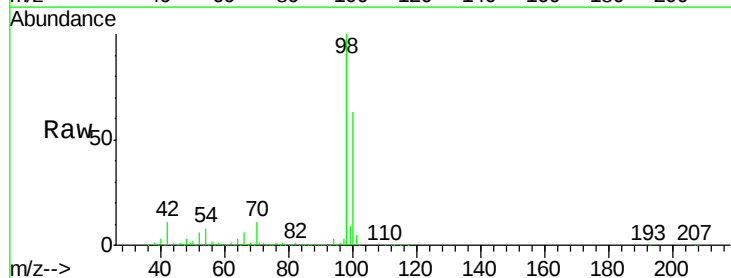
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-42-COMP

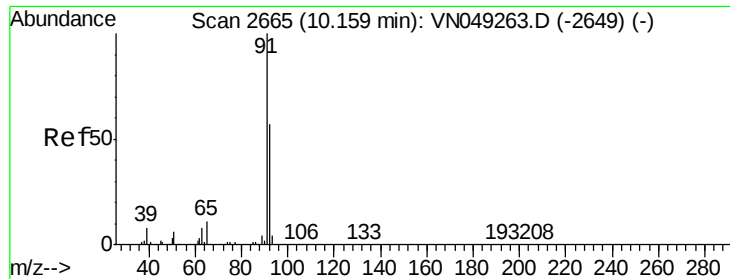
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.4	123.6
192	21.6	15.0	22.6



#50
 Toluene-d8
 Concen: 44.60 ug/l
 RT: 10.09 min Scan# 2644
 Delta R.T. 0.00 min
 Lab File: VN049301.D
 Acq: 16 Jun 2018 10:18

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.9	49.8	74.8





#52

Toluene

Concen: 1.92 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN049301.D

Acq: 16 Jun 2018 10:18

Instrument :

MSVOA_N

ClientSampleId :

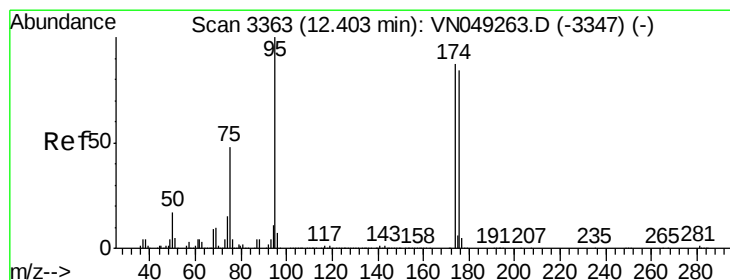
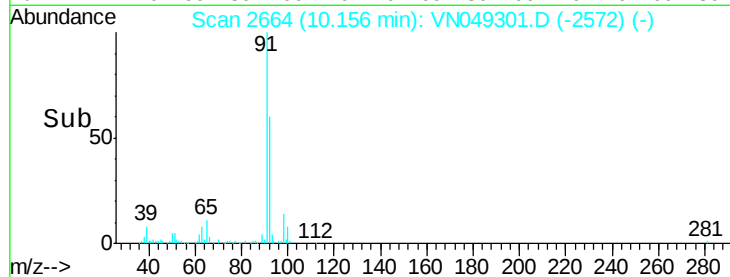
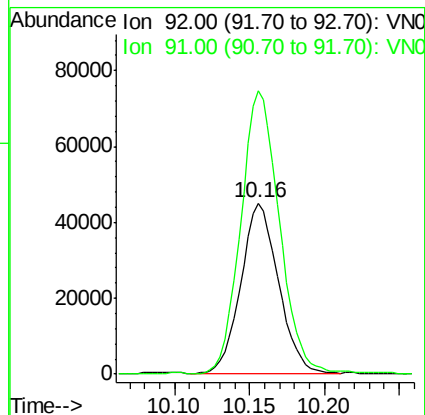
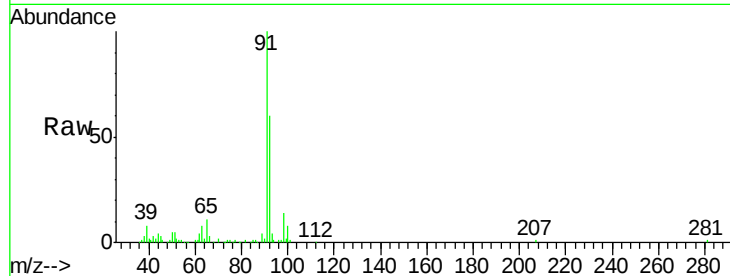
SB-42-COMP

Tot Ion: 92 Resp: 78198

Ion Ratio Lower Upper

92 100

91 172.7 143.4 215.2



#62

4-Bromofluorobenzene

Concen: 37.62 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049301.D

Acq: 16 Jun 2018 10:18

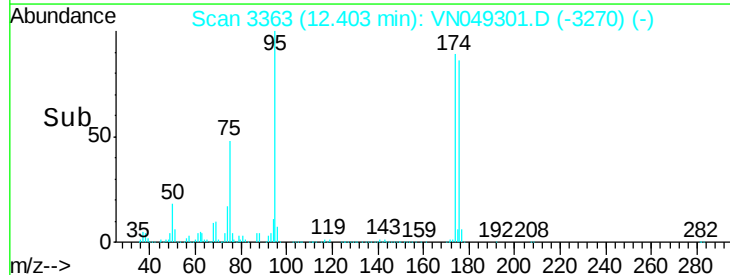
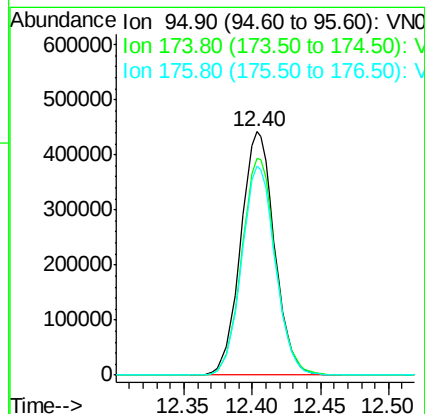
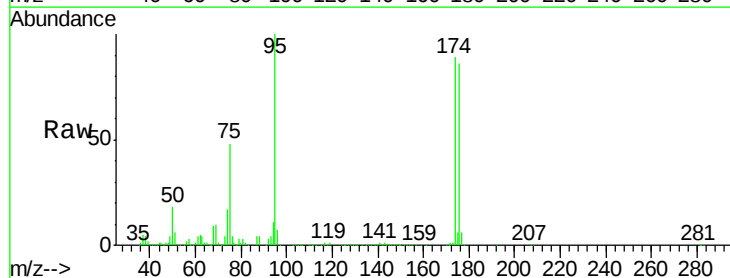
Tgt Ion: 95 Resp: 756236

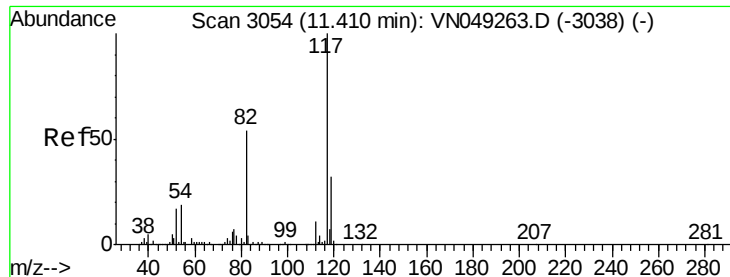
Ion Ratio Lower Upper

95 100

174 89.1 0.0 165.6

176 85.6 0.0 157.4

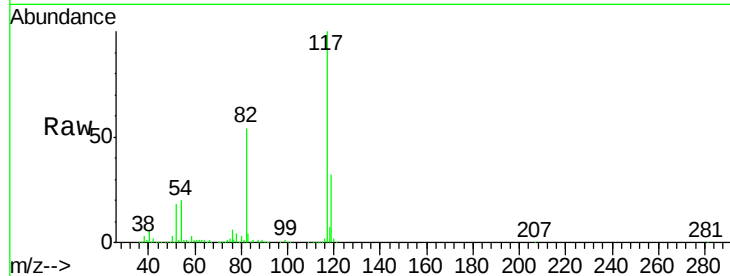




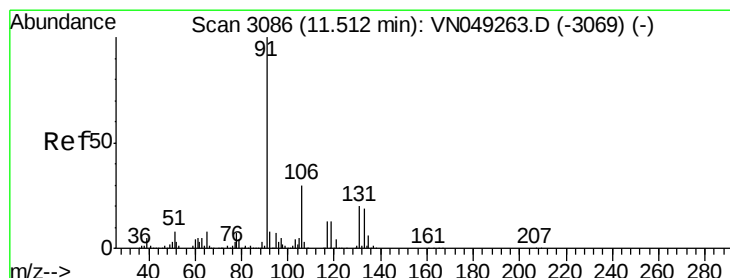
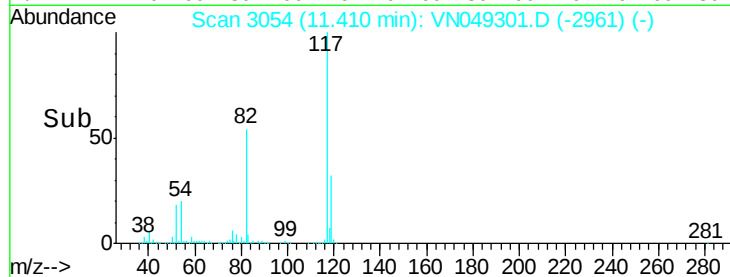
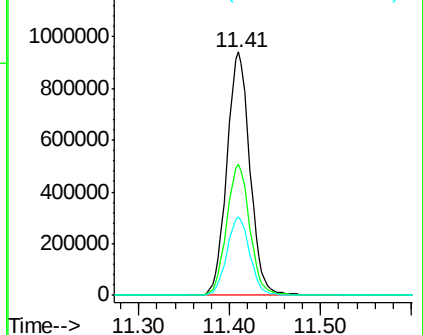
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049301.D
Acq: 16 Jun 2018 10:18

Instrument :
MSVOA_N
ClientSampleId :
SB-42-COMP

Tot Ion:117 Resp: 1654464
Ion Ratio Lower Upper
117 100
82 53.8 45.9 68.9
119 32.1 25.5 38.3

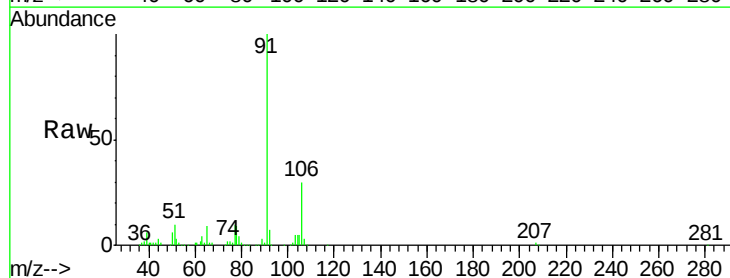


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

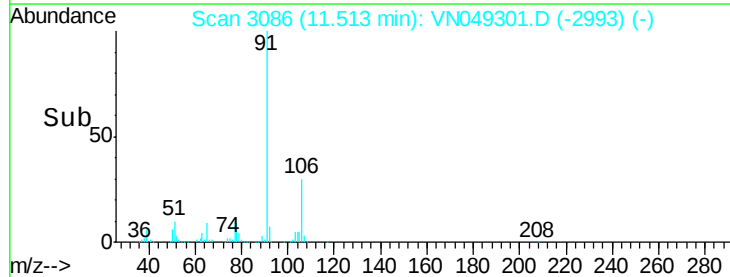
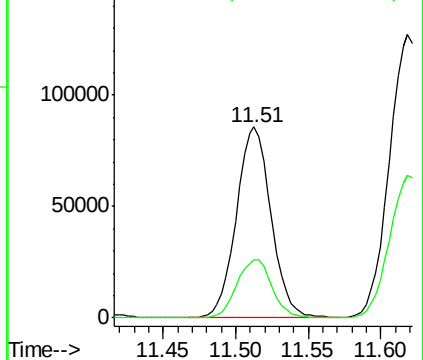


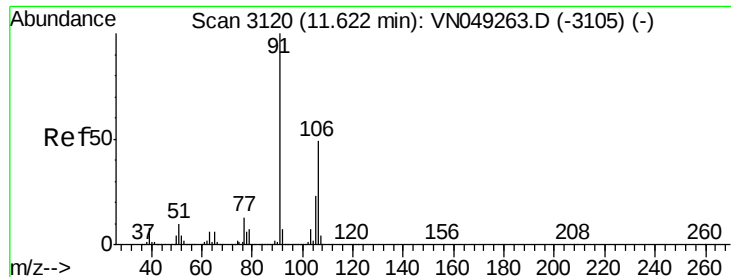
#67
Ethyl Benzene
Concen: 2.02 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN049301.D
Acq: 16 Jun 2018 10:18

Tgt Ion: 91 Resp: 142935
Ion Ratio Lower Upper
91 100
106 30.2 23.9 35.9



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

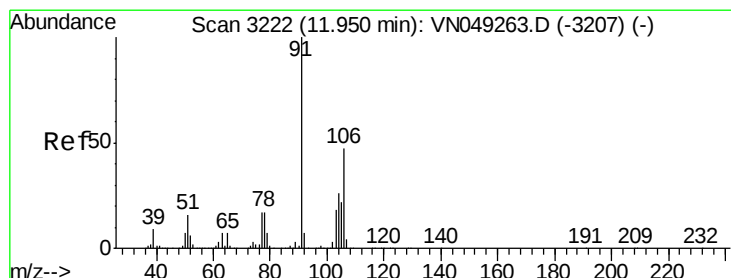
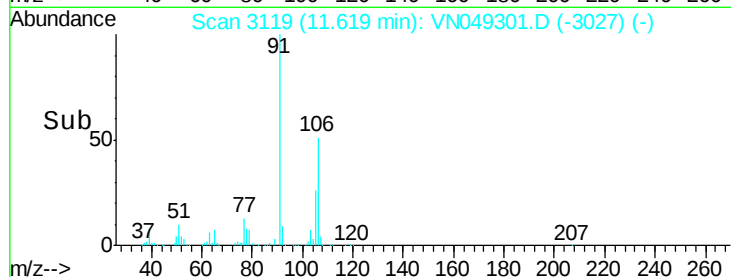
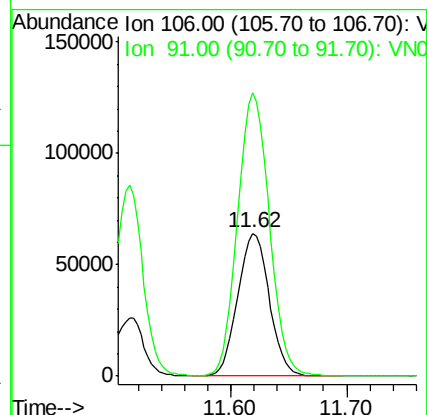
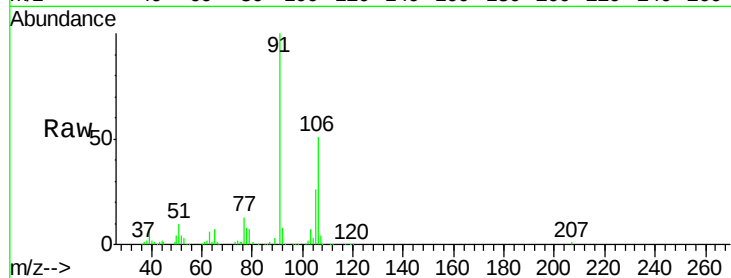




#68
m/p-Xylenes
Concen: 4.57 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.00 min
Lab File: VN049301.D
Acq: 16 Jun 2018 10:18

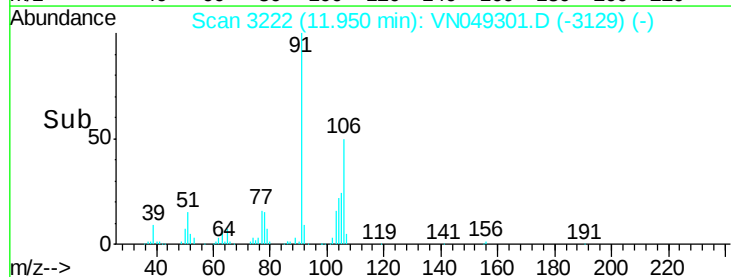
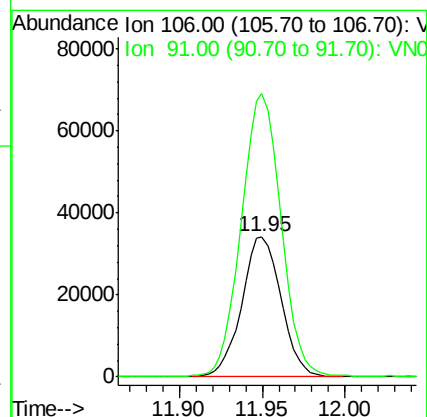
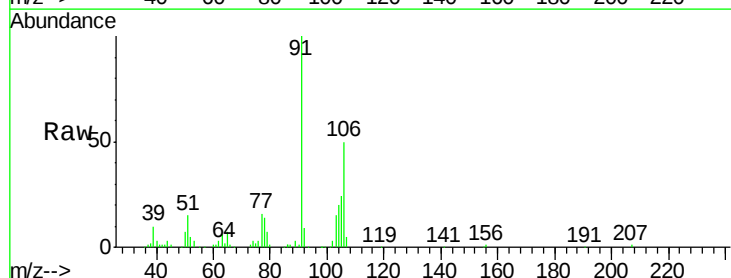
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MSVOA_N
ClientSampleId :
SB-42-COMP

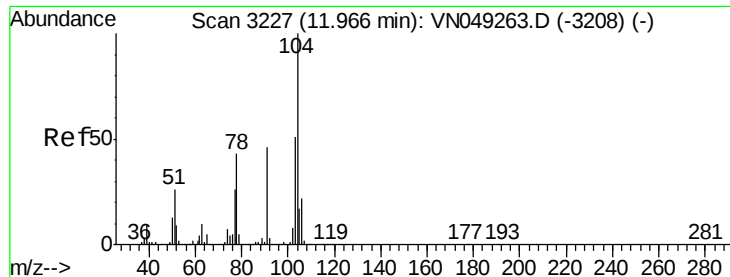
Tot Ion:106 Resp: 121189
Ion Ratio Lower Upper
106 100
91 199.3 167.3 250.9



#69
o-Xylene
Concen: 2.21 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049301.D
Acq: 16 Jun 2018 10:18

Tgt Ion:106 Resp: 56387
Ion Ratio Lower Upper
106 100
91 205.0 111.0 333.0





#70

Stvrene

Concen: 1.46 ug/l

RT: 11.97 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VN049301.D

Acq: 16 Jun 2018 10:18

Instrument :

MSVOA_N

ClientSampleId :

SB-42-COMP

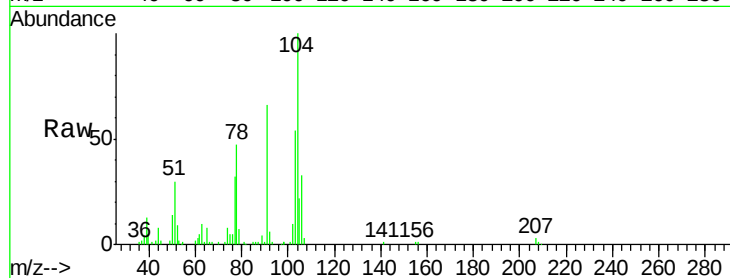
Tot Ion:104 Resp: 58986

Ion Ratio Lower Upper

104 100

78 51.0 41.6 62.4

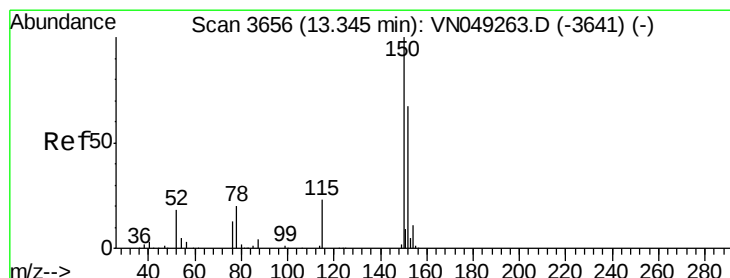
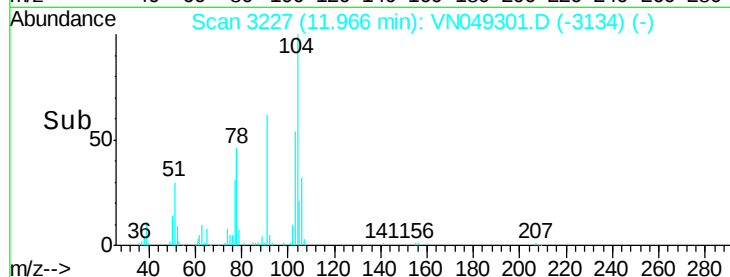
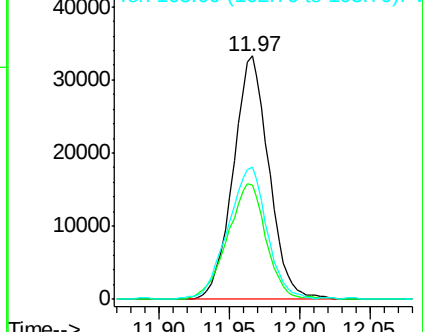
103 59.4 45.4 68.2



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049301.D

Acq: 16 Jun 2018 10:18

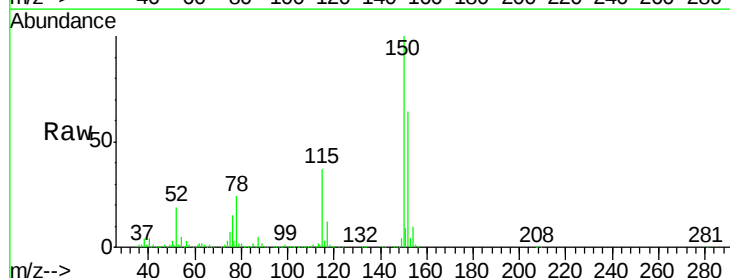
Tgt Ion:152 Resp: 608750

Ion Ratio Lower Upper

152 100

115 58.2 28.7 86.1

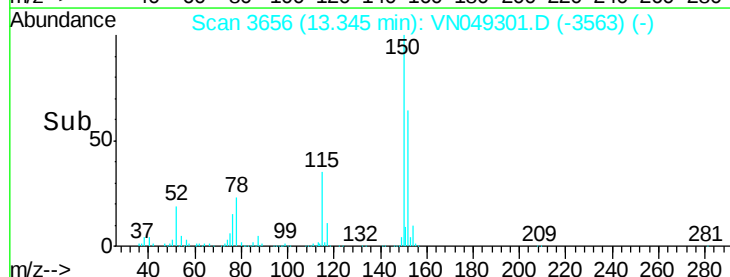
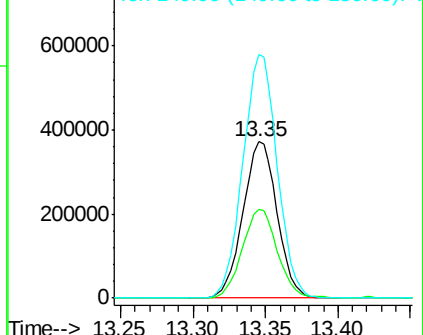
150 156.9 0.0 351.0

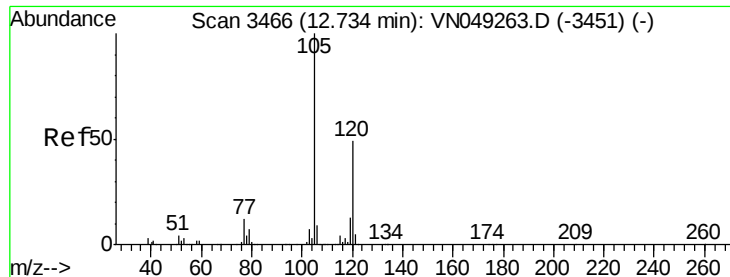


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#80

1,3,5-Trimethylbenzene

Concen: 1.94 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049301.D

Acq: 16 Jun 2018 10:18

Instrument :

MSVOA_N

ClientSampled :

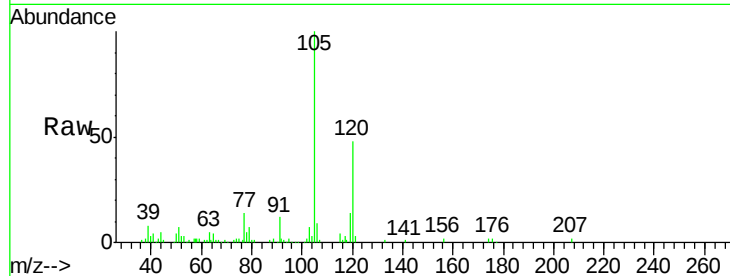
SB-42-COMP

Tot Ion:105 Resp: 81674

Ion Ratio Lower Upper

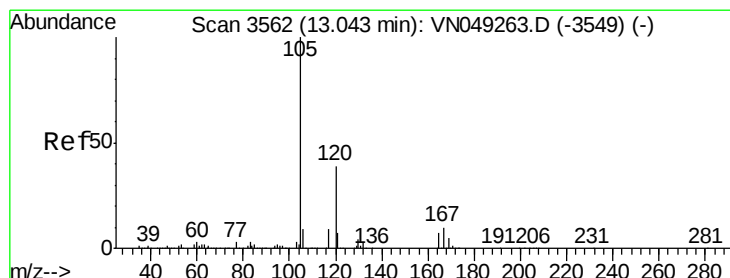
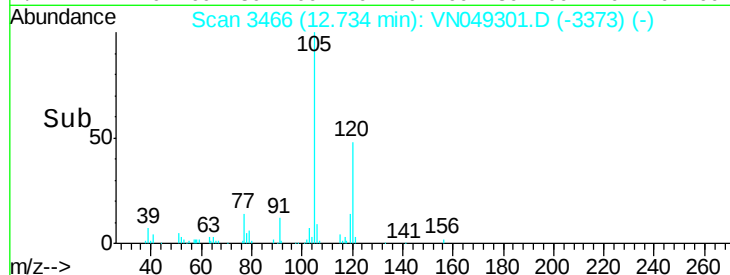
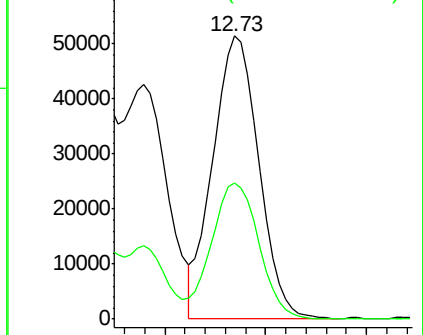
105 100

120 49.8 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: 7.19 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049301.D

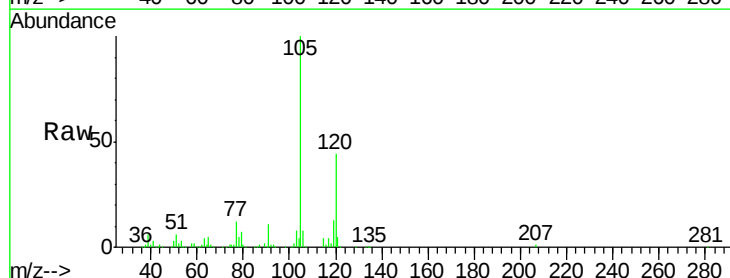
Acq: 16 Jun 2018 10:18

Tgt Ion:105 Resp: 299998

Ion Ratio Lower Upper

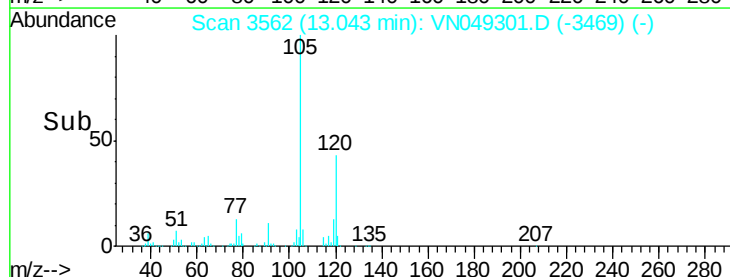
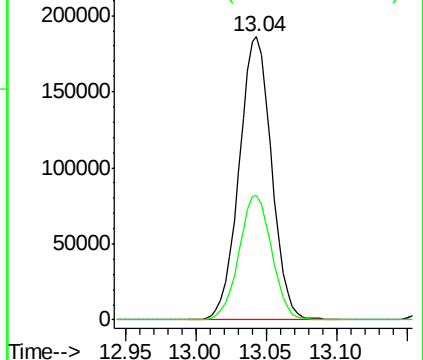
105 100

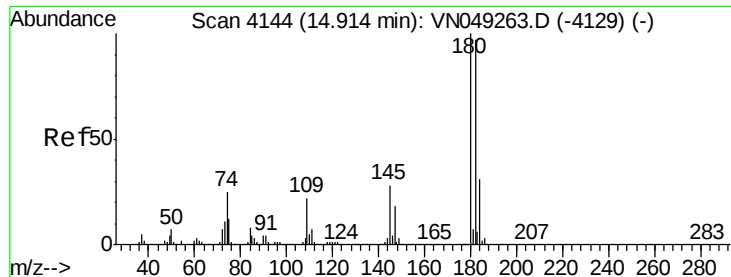
120 44.5 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

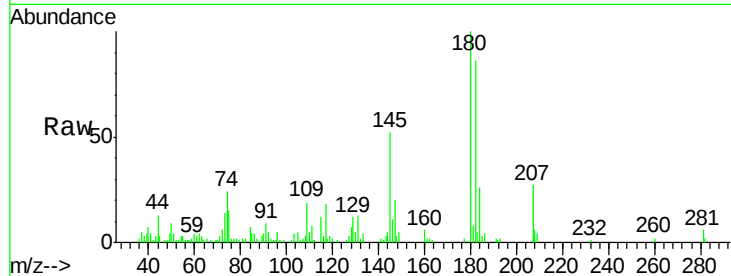




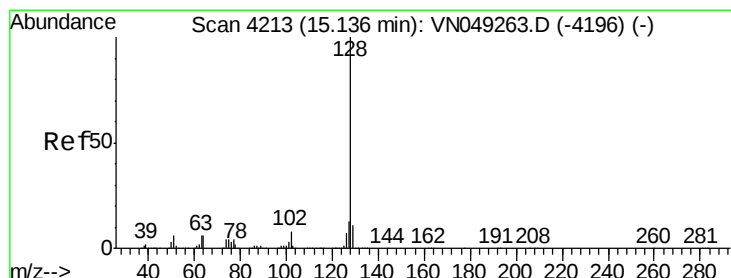
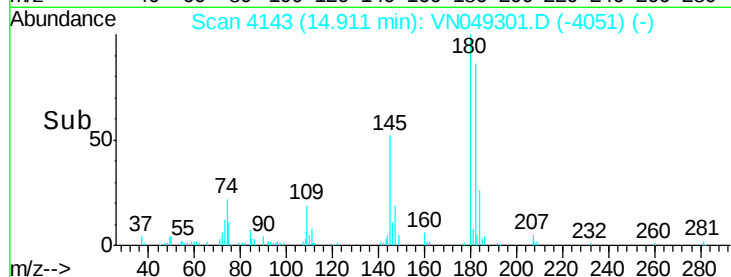
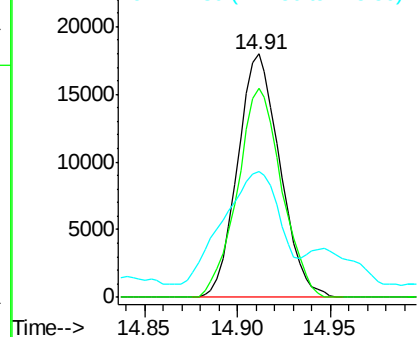
#93
 1,2,4-Trichlorobenzene
 Concen: 7.22 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN049301.D
 Acq: 16 Jun 2018 10:18

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-42-COMP

Tot Ion:180 Resp: 28524
 Ion Ratio Lower Upper
 180 100
 182 89.5 46.9 140.8
 145 62.5 14.7 44.1#

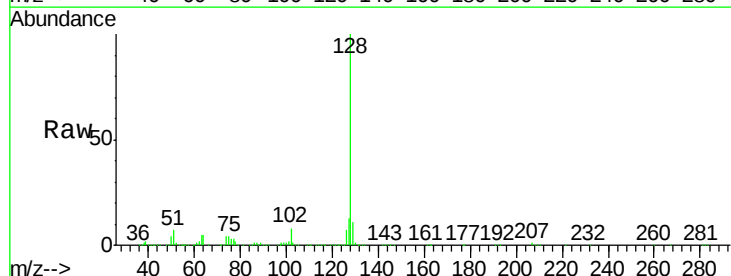


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 92.76 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN049301.D
 Acq: 16 Jun 2018 10:18

Tgt Ion:128 Resp: 1952179
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.6 16.0
 129 10.7 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

