

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049299.D
 Acq On : 16 Jun 2018 9:26
 Operator : MD\SY
 Sample : J3464-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-40-COMP

Quant Time: Jun 18 04:54:00 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	1226198	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1961078	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1638269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	474534	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	809083	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
35) Dibromofluoromethane	7.59	113	713274	44.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.92%	
50) Toluene-d8	10.09	98	2701400	44.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.44%	
62) 4-Bromofluorobenzene	12.40	95	694403	34.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.52%	

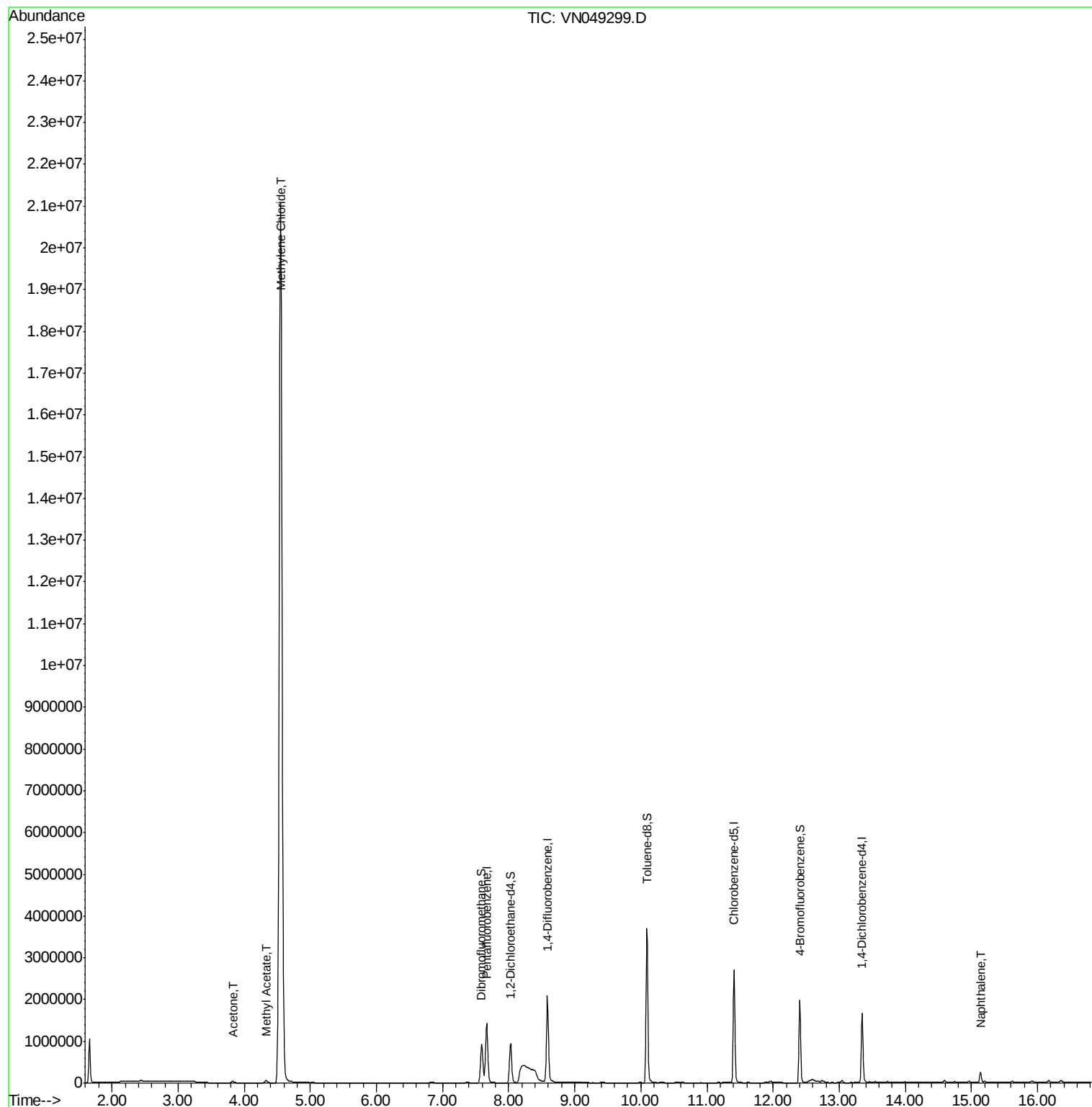
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	62615	15.86	ug/l	# 83
18) Methyl Acetate	4.33	43	108174	8.98	ug/l	96
20) Methylene Chloride	4.55	84	16147746	979.10	ug/l	92
95) Naphthalene	15.14	128	213472	17.60	ug/l	99

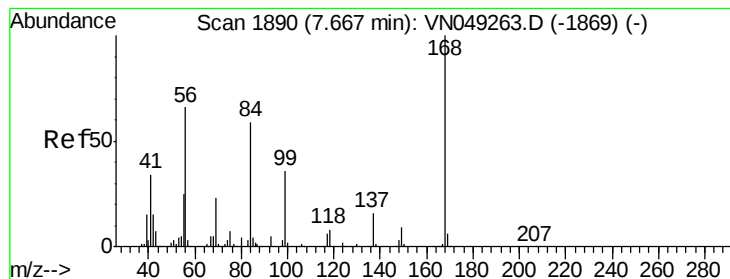
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN049299.D

Acq: 16 Jun 2018 9:26

Instrument :

MSVOA_N

ClientSampleId :

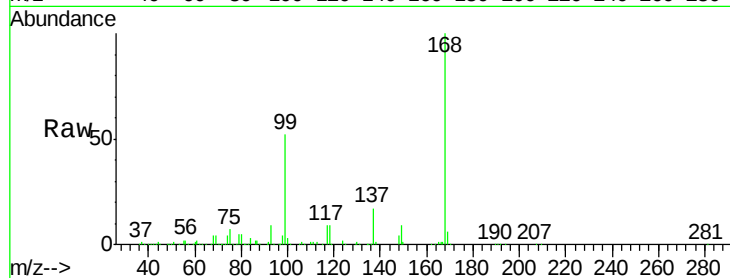
SB-40-COMP

Tot Ion:168 Resp: 1226198

Ion Ratio Lower Upper

168 100

99 51.7 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

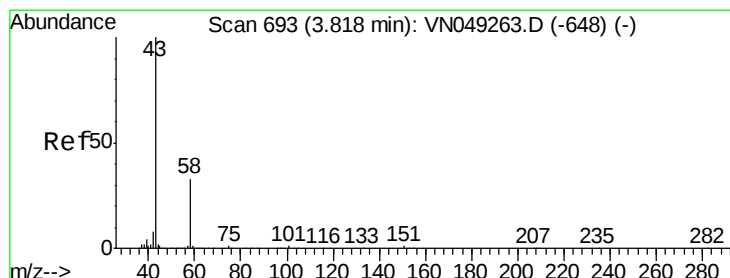
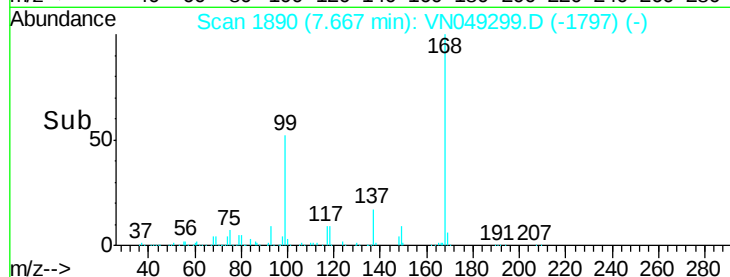
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 15.86 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049299.D

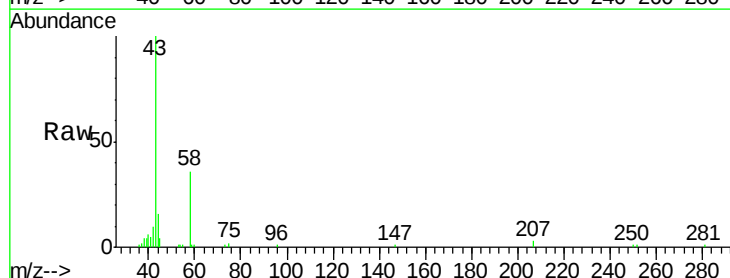
Acq: 16 Jun 2018 9:26

Tgt Ion: 43 Resp: 62615

Ion Ratio Lower Upper

43 100

58 36.9 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

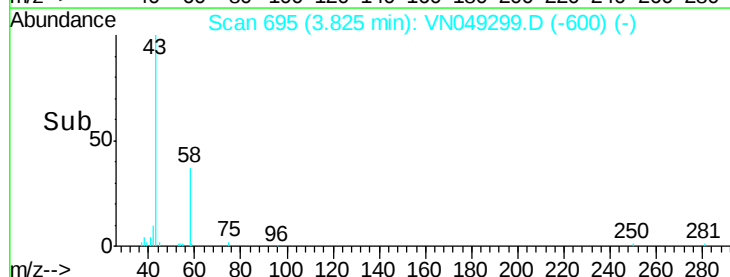
15000

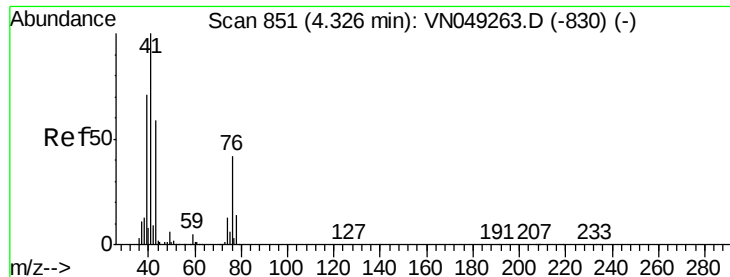
10000

5000

0

Time-->





#18

Methvl Acetate

Concen: 8.98 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN049299.D

Acq: 16 Jun 2018 9:26

Instrument :

MSVOA_N

ClientSampleId :

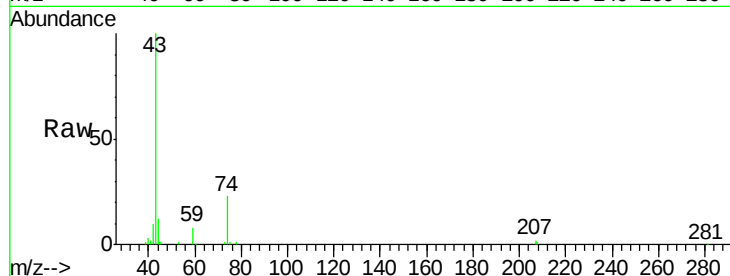
SB-40-COMP

Tot Ion: 43 Resp: 108174

Ion Ratio Lower Upper

43 100

74 23.7 17.4 26.0

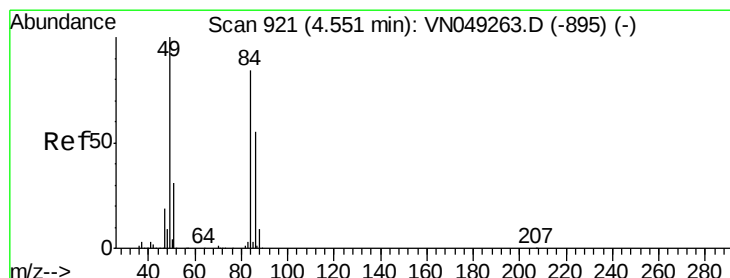
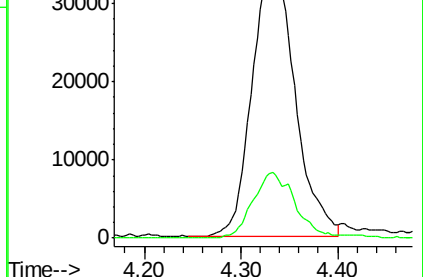
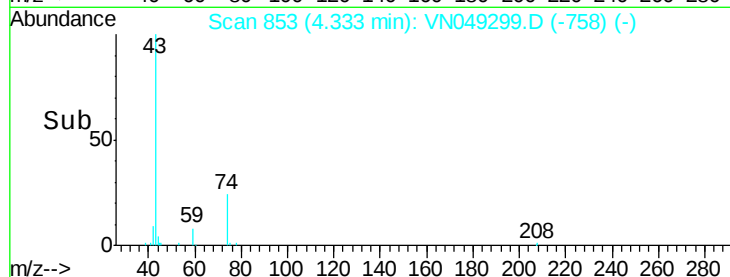


Abundance Ion 43.00 (42.70 to 43.70): VN049299.D (-758) (-)

Ion 74.00 (73.70 to 74.70): VN049299.D (-758) (-)

4.33

4.20 4.30 4.40



#20

Methylene Chloride

Concen: 979.10 ug/l

RT: 4.55 min Scan# 921

Delta R.T. 0.00 min

Lab File: VN049299.D

Acq: 16 Jun 2018 9:26

Tgt Ion: 84 Resp: 16147746

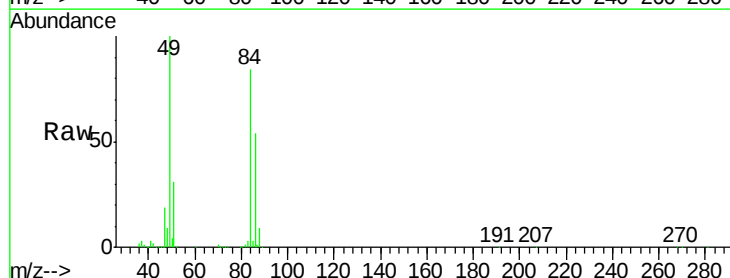
Ion Ratio Lower Upper

84 100

49 119.7 106.9 160.3

51 37.0 32.7 49.1

86 64.3 49.8 74.8



Abundance Ion 83.90 (83.60 to 84.60): VN049299.D (-828) (-)

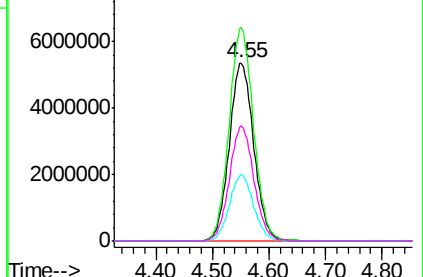
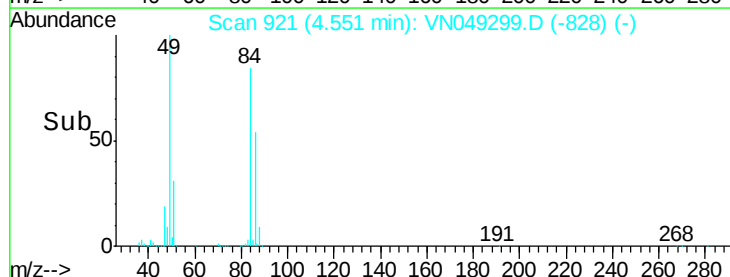
Ion 48.90 (48.60 to 49.60): VN049299.D (-828) (-)

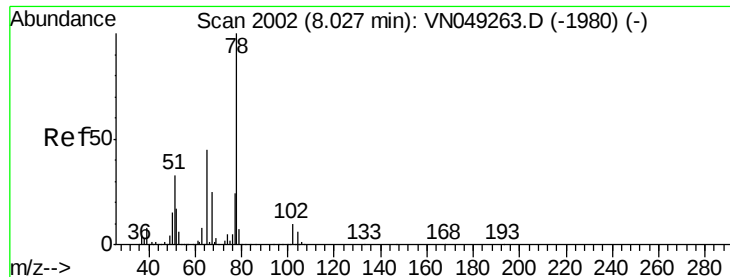
Ion 50.90 (50.60 to 51.60): VN049299.D (-828) (-)

Ion 85.90 (85.60 to 86.60): VN049299.D (-828) (-)

4.55

4.40 4.50 4.60 4.70 4.80





#33

1,2-Dichloroethane-d4

Concen: 49.75 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049299.D

Acq: 16 Jun 2018 9:26

Instrument :

MSVOA_N

ClientSampleId :

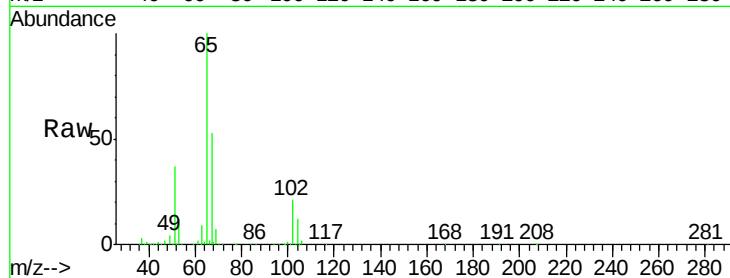
SB-40-COMP

Tot Ion: 65 Resp: 809083

Ion Ratio Lower Upper

65 100

67 53.4 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049299.D (-1909) (-)

Ion 66.90 (66.60 to 67.60): VN049299.D (-1909) (-)

8.03

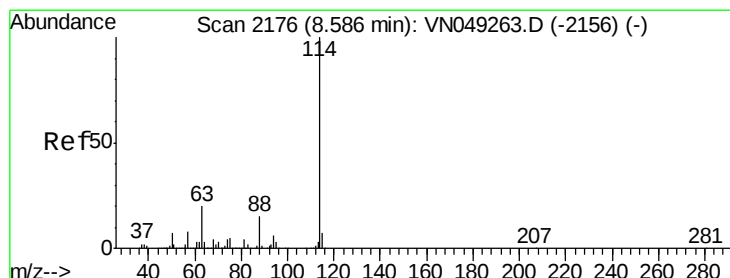
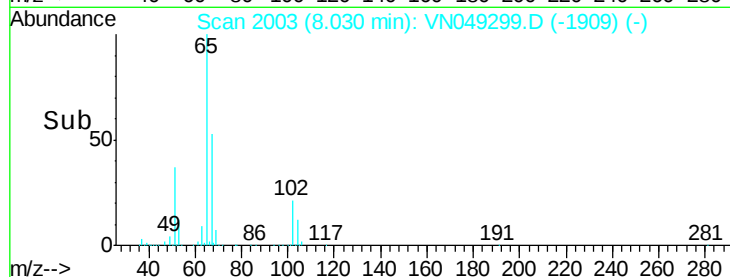
300000

200000

100000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049299.D

Acq: 16 Jun 2018 9:26

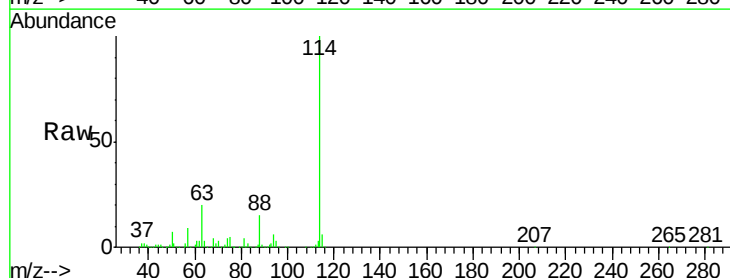
Tgt Ion: 114 Resp: 1961078

Ion Ratio Lower Upper

114 100

63 19.8 0.0 44.4

88 15.0 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN049299.D (-2083) (-)

Ion 63.00 (62.70 to 63.70): VN049299.D (-2083) (-)

Ion 87.90 (87.60 to 88.60): VN049299.D (-2083) (-)

8.59

1200000

1000000

800000

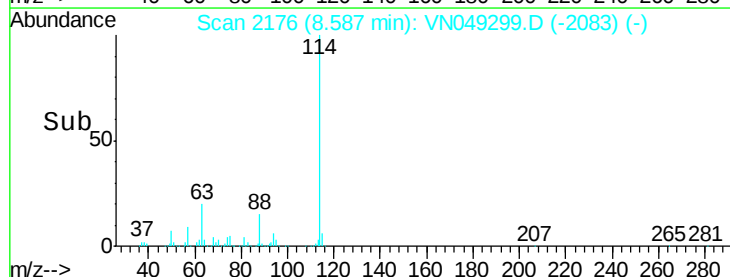
600000

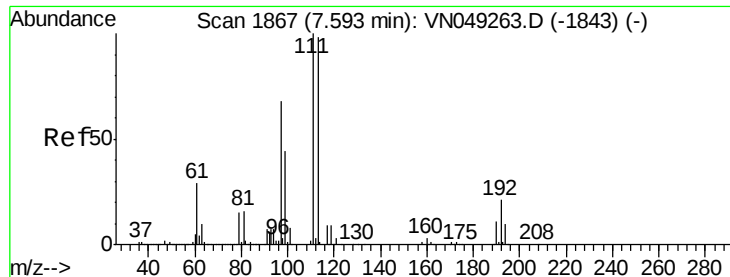
400000

200000

0

Time-->





#35

Dibromofluoromethane

Concen: 44.96 ug/l

RT: 7.59 min Scan# 1866

Delta R.T. -0.00 min

Lab File: VN049299.D

Acq: 16 Jun 2018 9:26

Instrument :

MSVOA_N

ClientSampleId :

SB-40-COMP

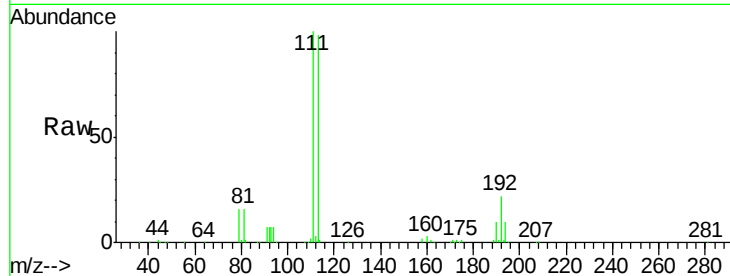
Tot Ion:113 Resp: 713274

Ion Ratio Lower Upper

113 100

111 103.6 82.4 123.6

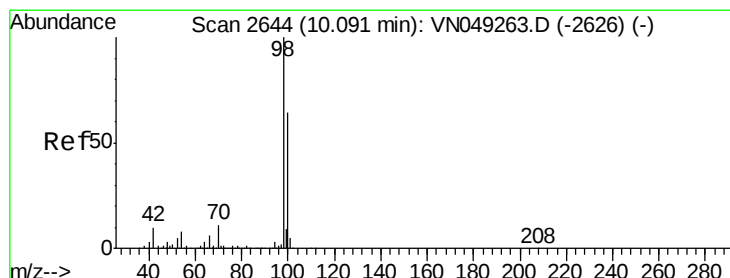
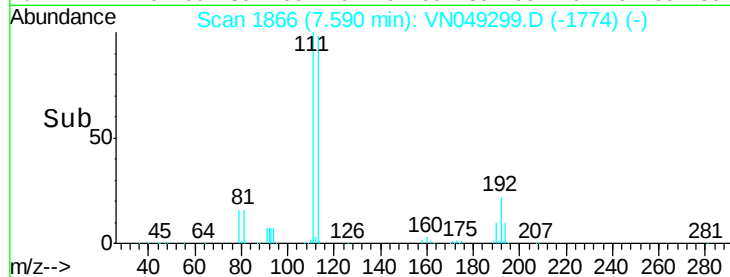
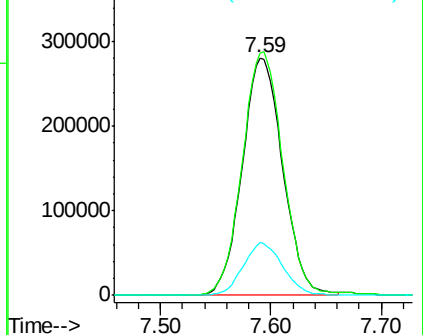
192 21.8 15.0 22.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: 44.72 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049299.D

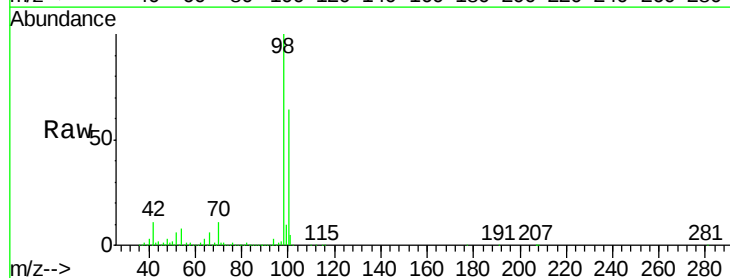
Acq: 16 Jun 2018 9:26

Tgt Ion: 98 Resp: 2701400

Ion Ratio Lower Upper

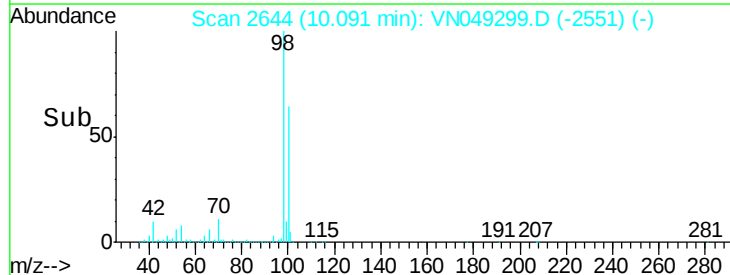
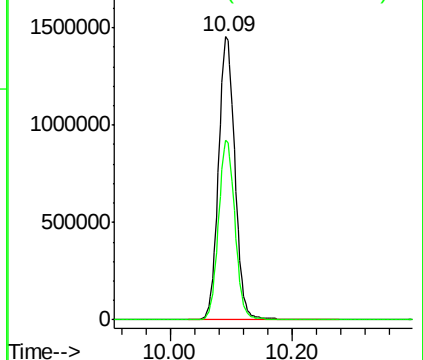
98 100

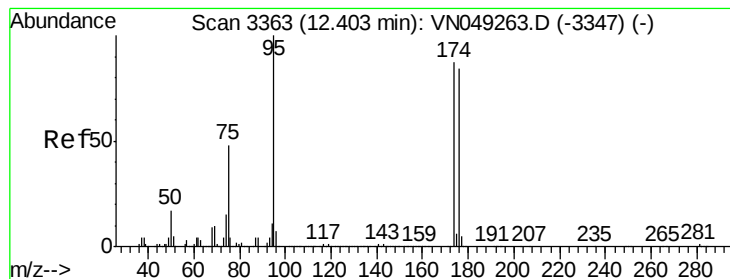
100 63.5 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 34.76 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049299.D

Acq: 16 Jun 2018 9:26

Instrument :

MSVOA_N

ClientSampleId :

SB-40-COMP

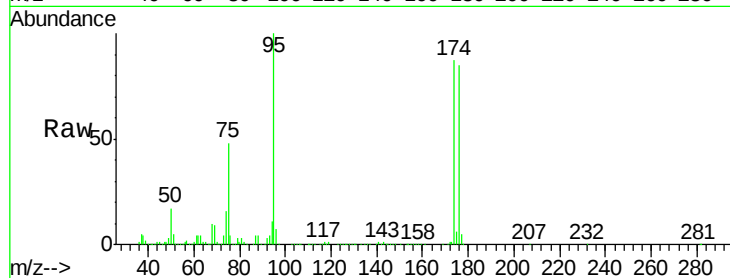
Tot Ion: 95 Resp: 694403

Ion Ratio Lower Upper

95 100

174 88.2 0.0 165.6

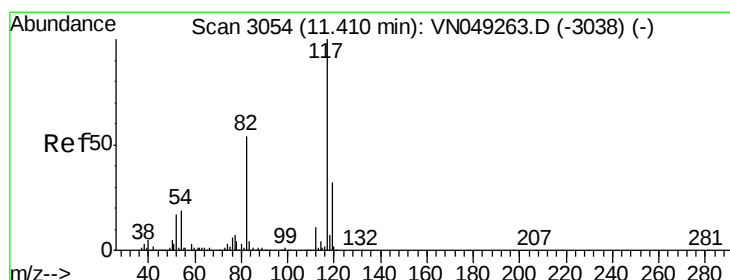
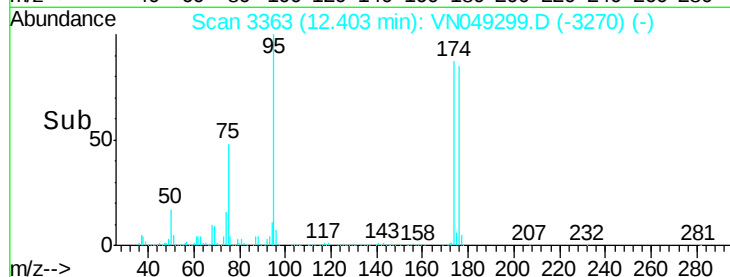
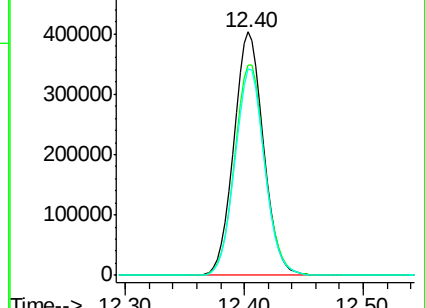
176 85.2 0.0 157.4



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) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049299.D

Acq: 16 Jun 2018 9:26

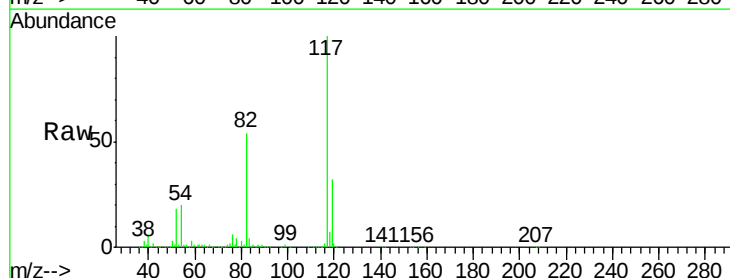
Tgt Ion: 117 Resp: 1638269

Ion Ratio Lower Upper

117 100

82 53.9 45.9 68.9

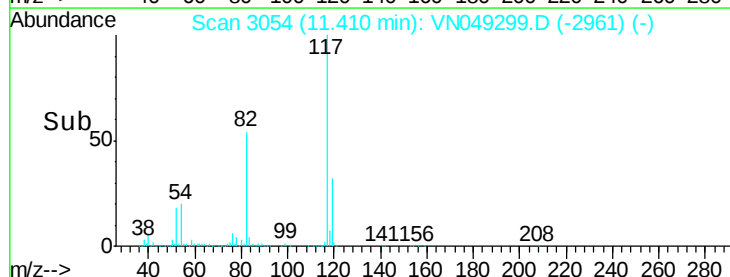
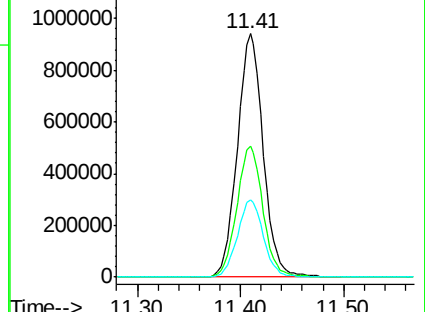
119 31.8 25.5 38.3

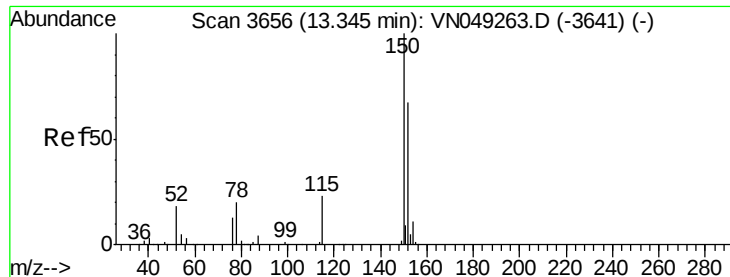


Abundance Ion 116.90 (116.60 to 117.60): VN049263.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN049263.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN049263.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: VN049299.D

Acq: 16 Jun 2018 9:26

Instrument :

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ClientSampleId :

SB-40-COMP

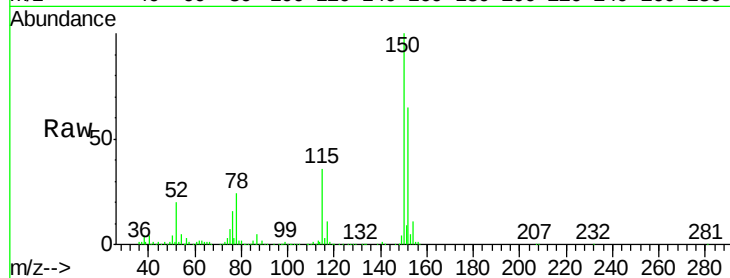
Tot Ion:152 Resp: 474534

Ion Ratio Lower Upper

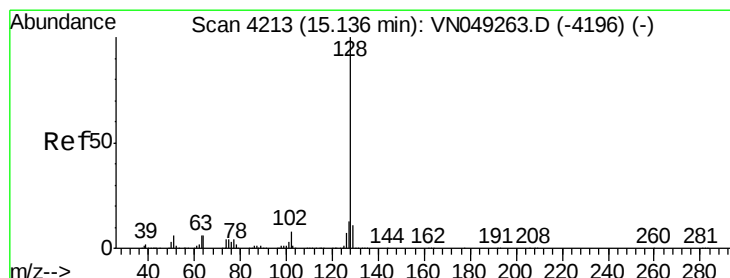
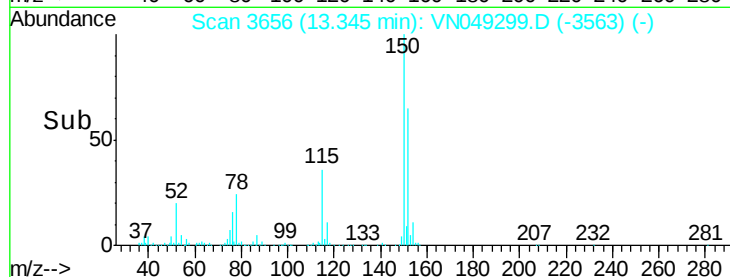
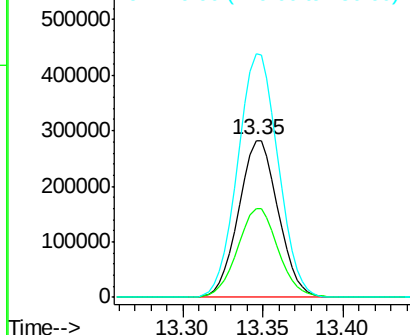
152 100

115 57.8 28.7 86.1

150 159.0 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



#95

Naphthalene

Concen: 17.60 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049299.D

Acq: 16 Jun 2018 9:26

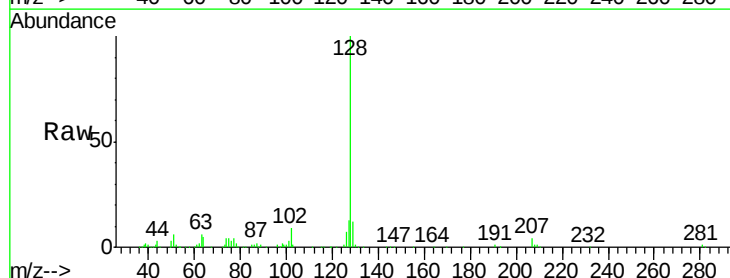
Tgt Ion:128 Resp: 213472

Ion Ratio Lower Upper

128 100

127 13.4 10.6 16.0

129 11.4 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

