

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062618\
 Data File : VN049555.D
 Acq On : 26 Jun 2018 16:23
 Operator : MD\SY
 Sample : J3706-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RO-1-5

Quant Time: Jun 27 01:40:27 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	1340489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2098774	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1760466	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	764225	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	849125	47.76	ug/l	0.00
Spiked Amount			Recovery	=	95.52%	
35) Dibromofluoromethane	7.59	113	739239	43.54	ug/l	0.00
Spiked Amount			Recovery	=	87.08%	
50) Toluene-d8	10.09	98	2848584	44.06	ug/l	0.00
Spiked Amount			Recovery	=	88.12%	
62) 4-Bromofluorobenzene	12.40	95	881435	41.23	ug/l	0.00
Spiked Amount			Recovery	=	82.46%	

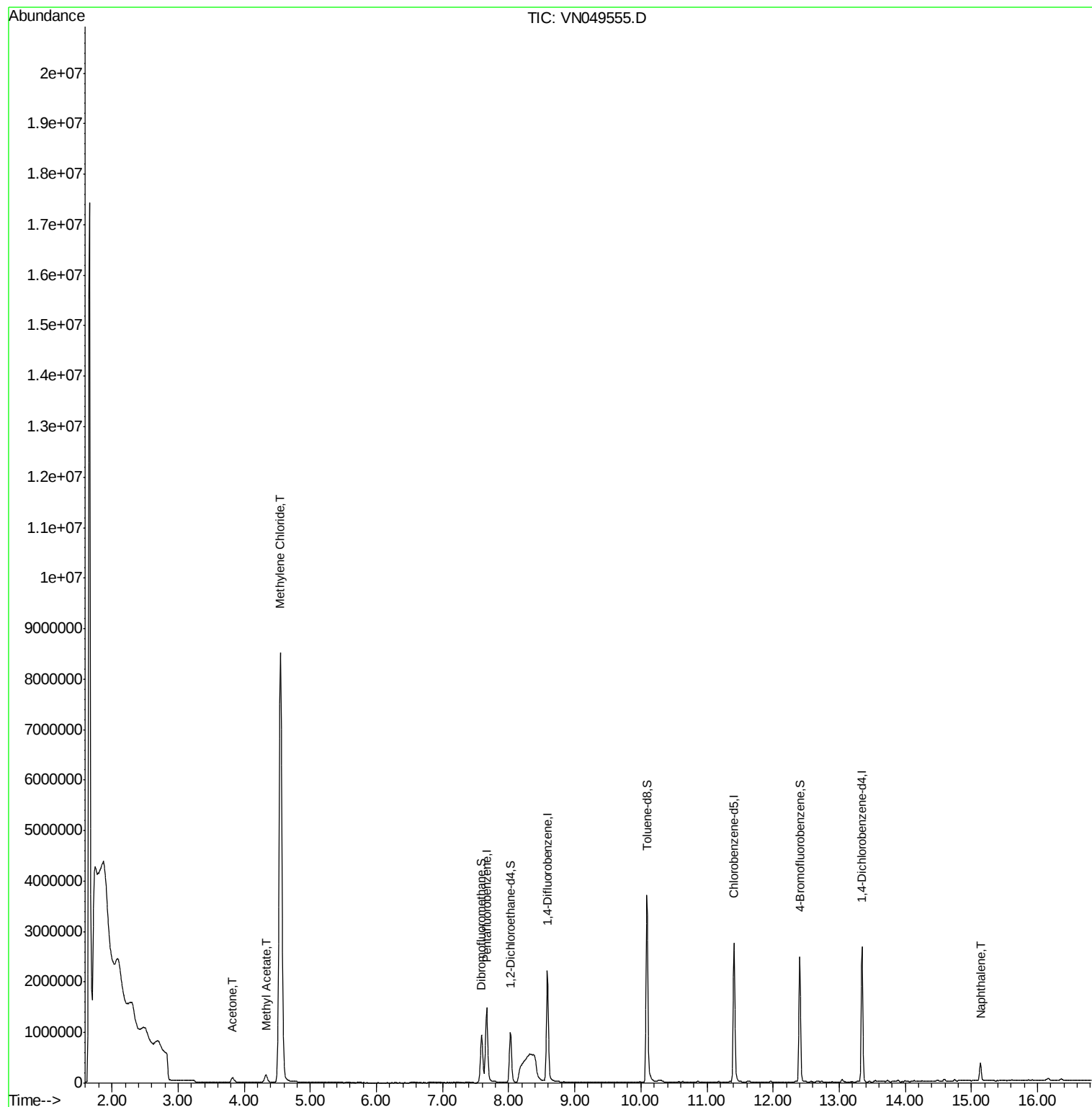
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	201778	46.74	ug/l	92
18) Methyl Acetate	4.33	43	276825	21.03	ug/l	95
20) Methylene Chloride	4.55	84	6650103	368.84	ug/l	91
95) Naphthalene	15.14	128	321944	16.65	ug/l	98

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

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Quant Title : SW846 8260
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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: VN049555.D

Acq: 26 Jun 2018 16:23

Instrument :

MSVOA_N

ClientSampleId :

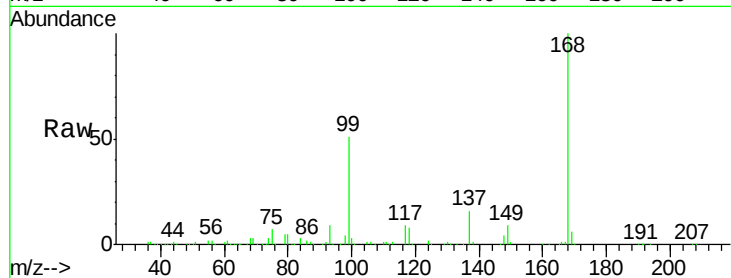
RO-1-5

Tot Ion:168 Resp: 1340489

Ion Ratio Lower Upper

168 100

99 51.2 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

600000

500000

400000

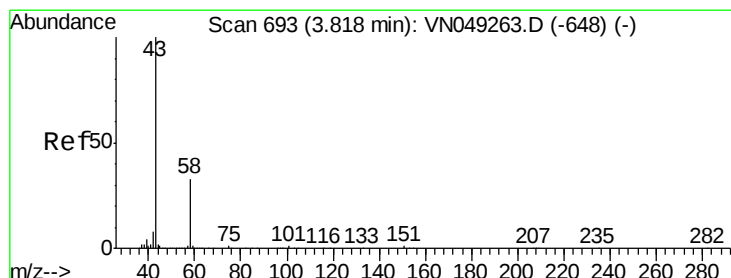
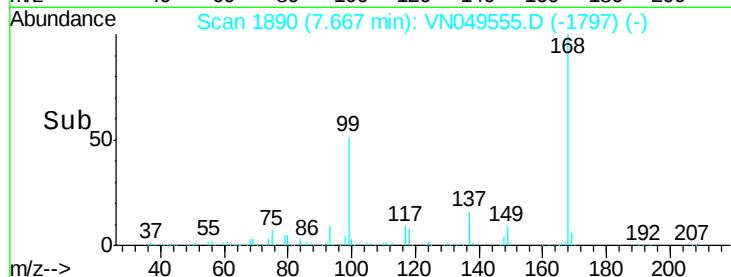
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 46.74 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049555.D

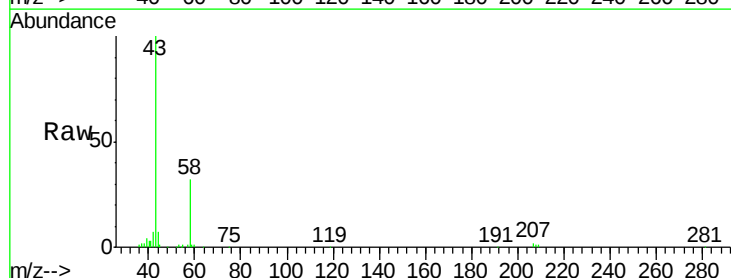
Acq: 26 Jun 2018 16:23

Tgt Ion: 43 Resp: 201778

Ion Ratio Lower Upper

43 100

58 32.0 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

80000

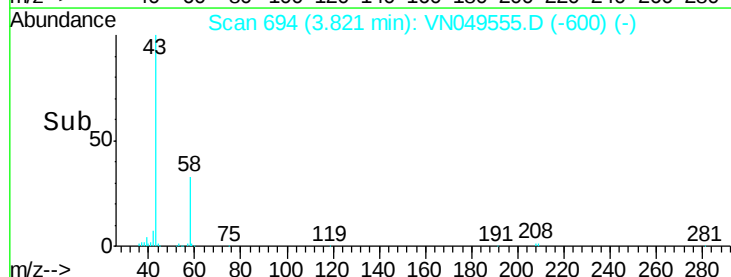
60000

40000

20000

0

Time-->

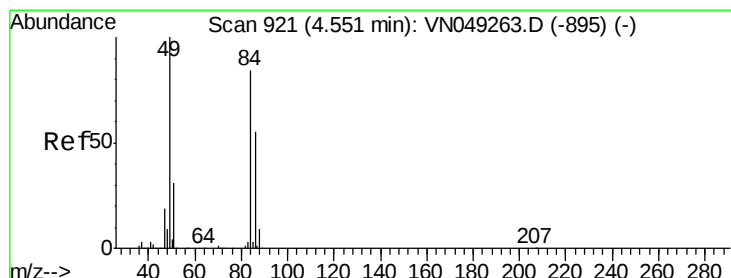
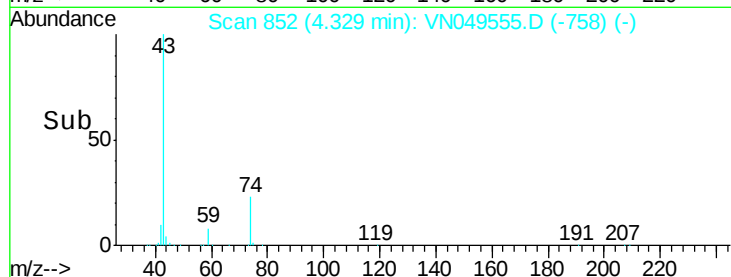
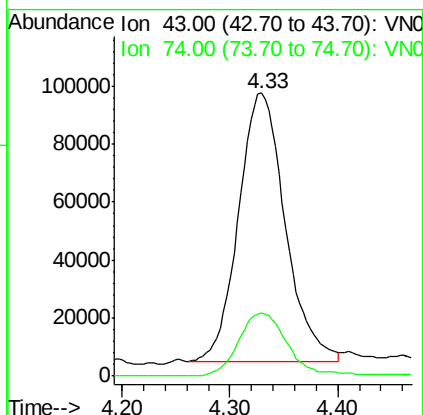
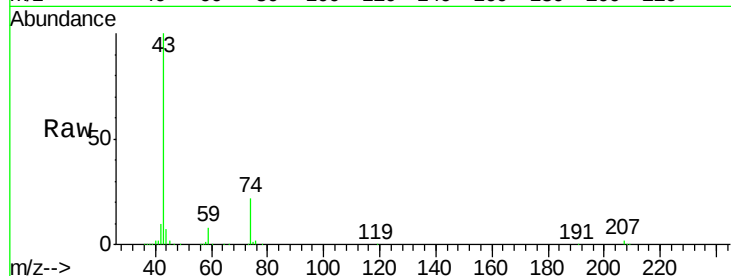




#18
Methvl Acetate
Concen: 21.03 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049555.D
Acq: 26 Jun 2018 16:23

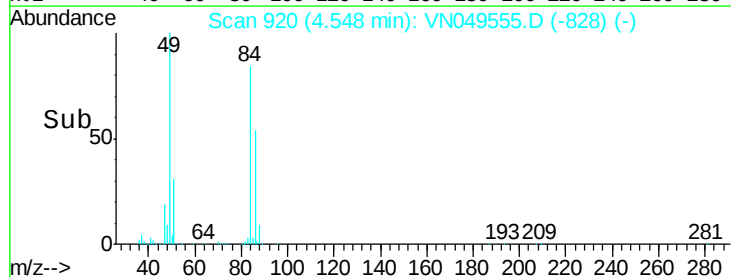
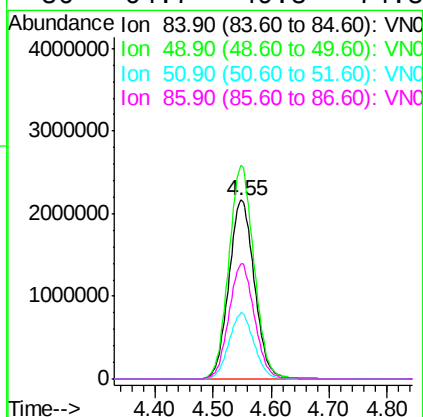
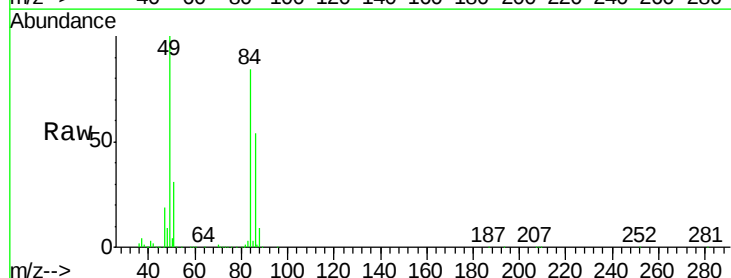
Instrument :
MSVOA_N
ClientSampled :
RO-1-5

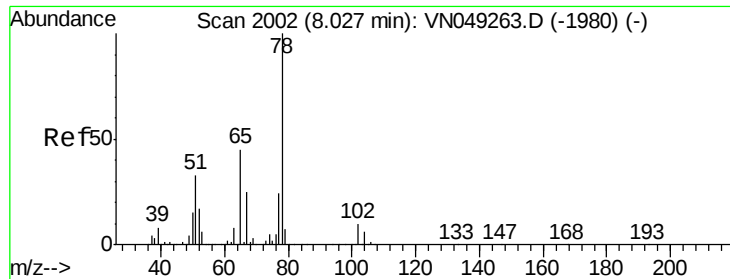
Tot Ion: 43 Resp: 276825
Ion Ratio Lower Upper
43 100
74 24.0 17.4 26.0



#20
Methylene Chloride
Concen: 368.84 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049555.D
Acq: 26 Jun 2018 16:23

Tgt Ion: 84 Resp: 6650103
Ion Ratio Lower Upper
84 100
49 119.4 106.9 160.3
51 36.9 32.7 49.1
86 64.7 49.8 74.8





#33

1,2-Dichloroethane-d4

Concen: 47.76 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. 0.00 min

Lab File: VN049555.D

Acq: 26 Jun 2018 16:23

Instrument :

MSVOA_N

ClientSampleId :

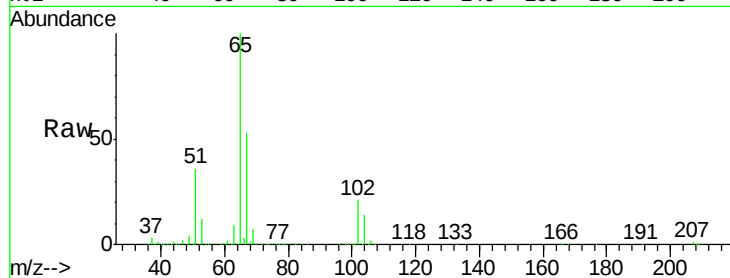
RO-1-5

Tot Ion: 65 Resp: 849125

Ion Ratio Lower Upper

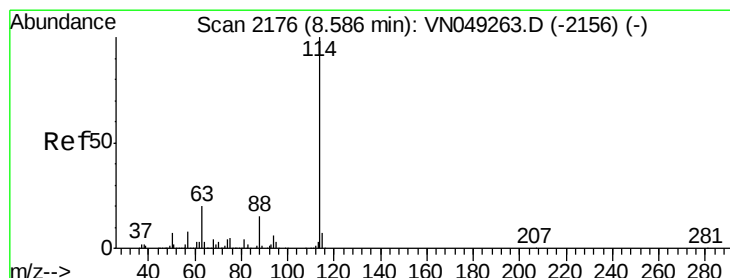
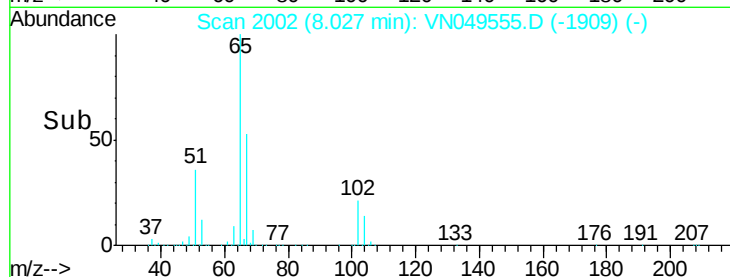
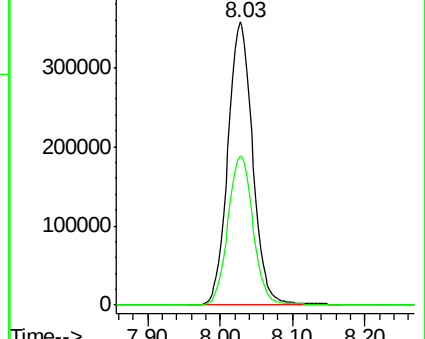
65 100

67 53.4 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: VN049555.D

Acq: 26 Jun 2018 16:23

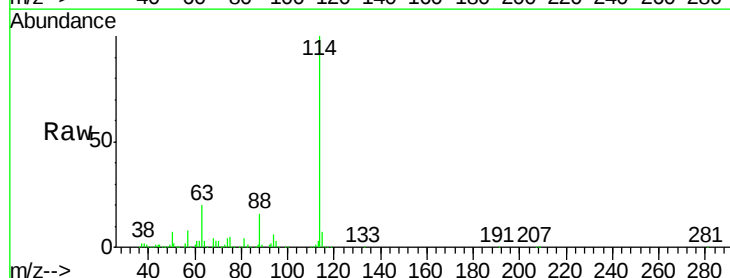
Tgt Ion: 114 Resp: 2098774

Ion Ratio Lower Upper

114 100

63 19.7 0.0 44.4

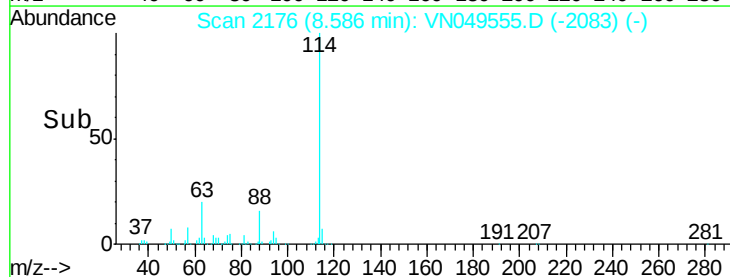
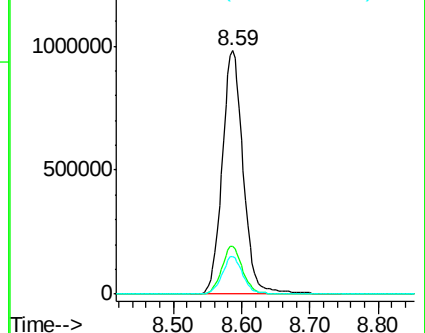
88 15.6 0.0 31.4

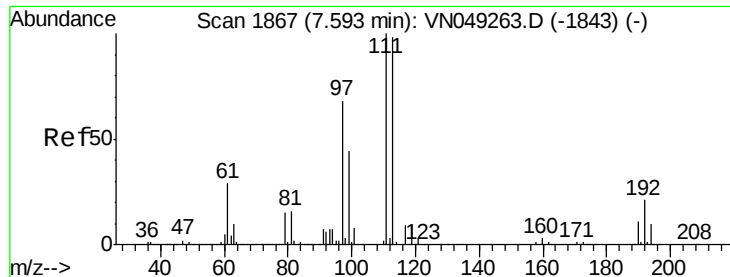


Abundance Ion 113.90 (113.60 to 114.60): VN049263.D (-2156) (-)

Ion 63.00 (62.70 to 63.70): VN049263.D (-2156) (-)

Ion 87.90 (87.60 to 88.60): VN049263.D (-2156) (-)





#35

Dibromofluoromethane

Concen: 43.54 ug/l

RT: 7.59 min Scan# 1866

Delta R.T. -0.00 min

Lab File: VN049555.D

Acq: 26 Jun 2018 16:23

Instrument :

MSVOA_N

ClientSampleId :

RO-1-5

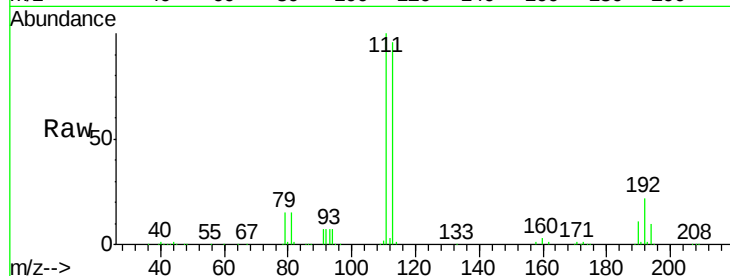
Tot Ion:113 Resp: 739239

Ion Ratio Lower Upper

113 100

111 102.3 82.4 123.6

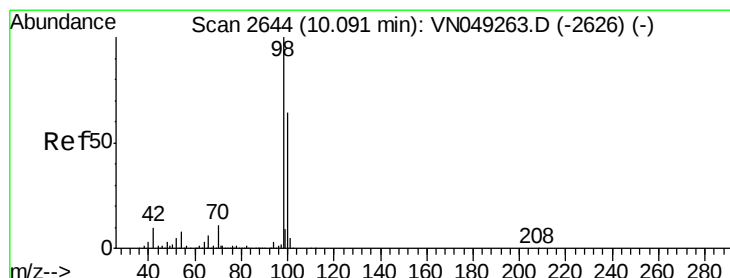
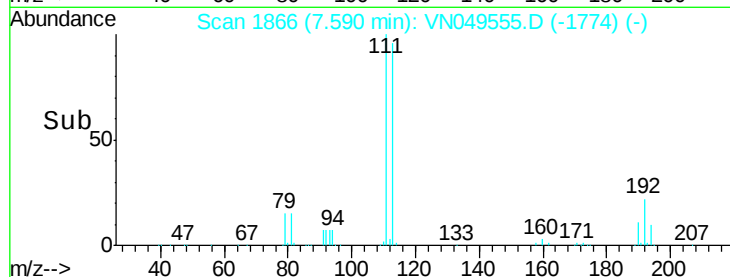
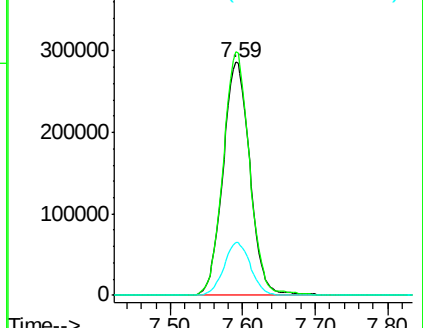
192 22.3 15.0 22.6



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: 44.06 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049555.D

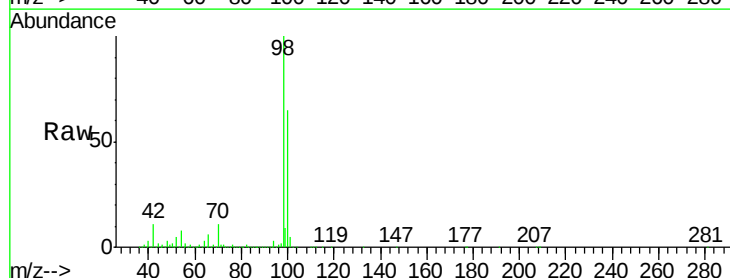
Acq: 26 Jun 2018 16:23

Tgt Ion: 98 Resp: 2848584

Ion Ratio Lower Upper

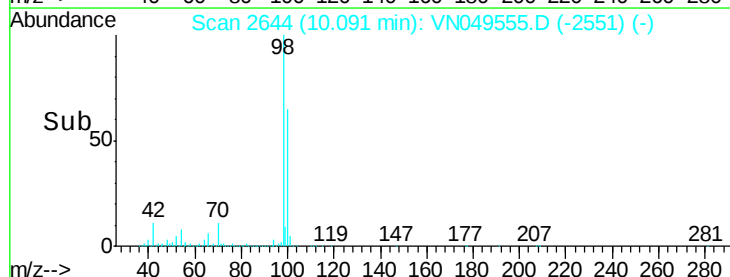
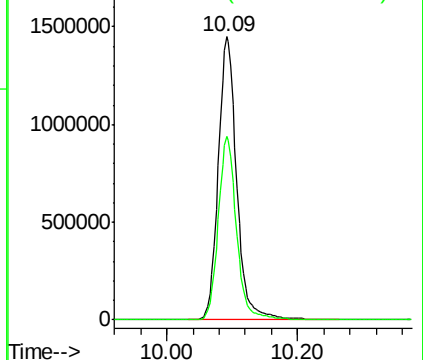
98 100

100 64.4 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 41.23 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049555.D

Acq: 26 Jun 2018 16:23

Instrument :

MSVOA_N

ClientSampleId :

RO-1-5

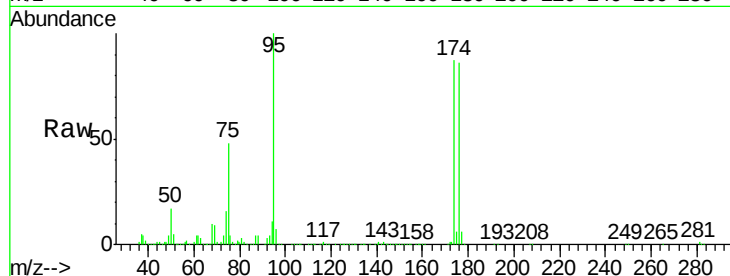
Tot Ion: 95 Resp: 881435

Ion Ratio Lower Upper

95 100

174 88.2 0.0 165.6

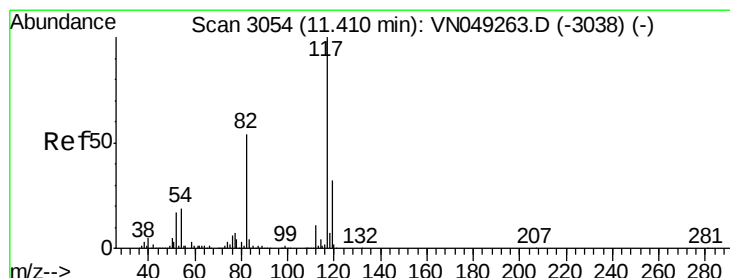
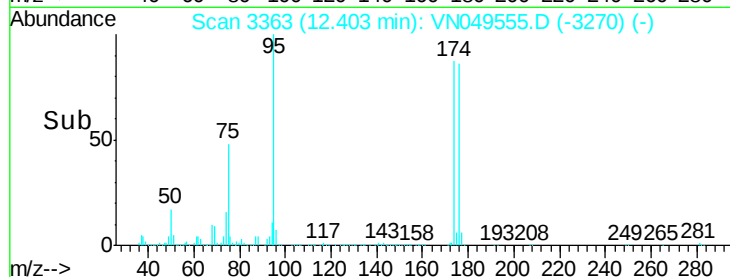
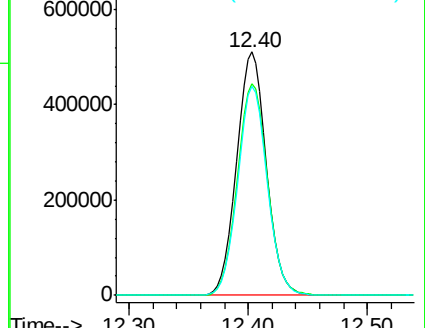
176 85.5 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049555.D

Acq: 26 Jun 2018 16:23

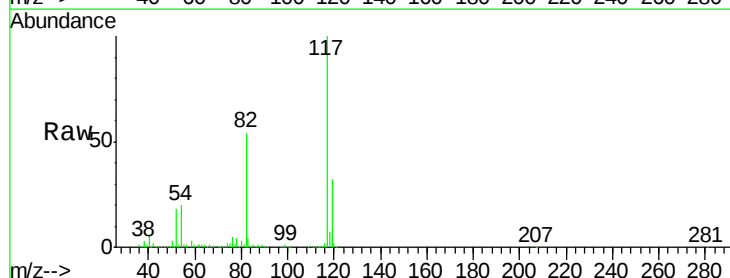
Tgt Ion: 117 Resp: 1760466

Ion Ratio Lower Upper

117 100

82 53.6 45.9 68.9

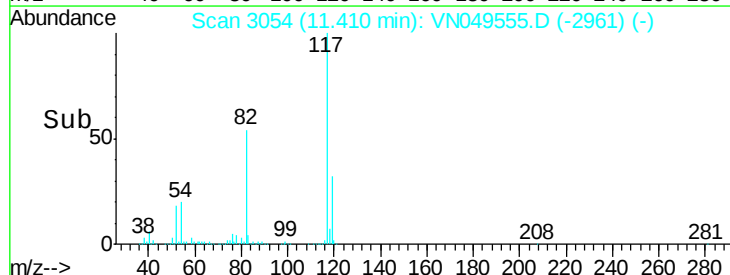
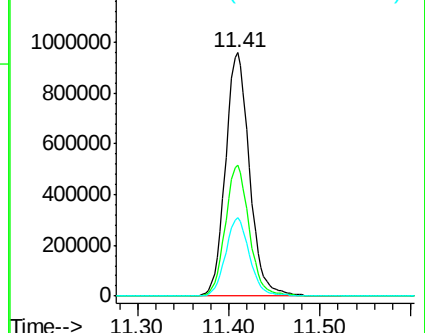
119 32.1 25.5 38.3

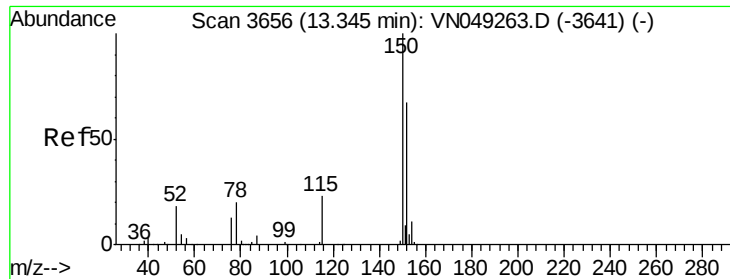


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049555.D

Acq: 26 Jun 2018 16:23

Instrument :

MSVOA_N

ClientSampleId :

RO-1-5

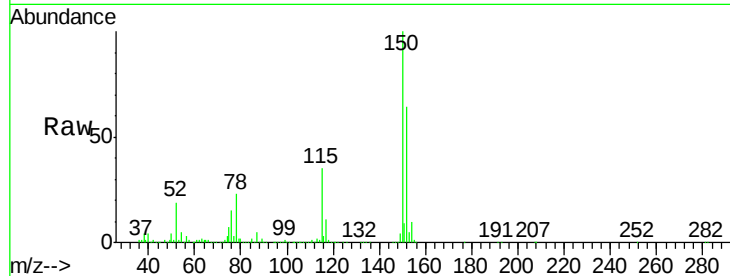
Tot Ion:152 Resp: 764225

Ion Ratio Lower Upper

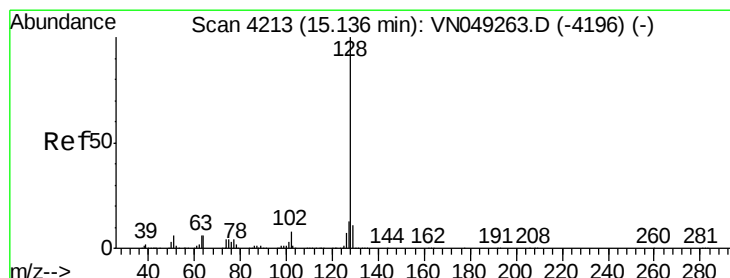
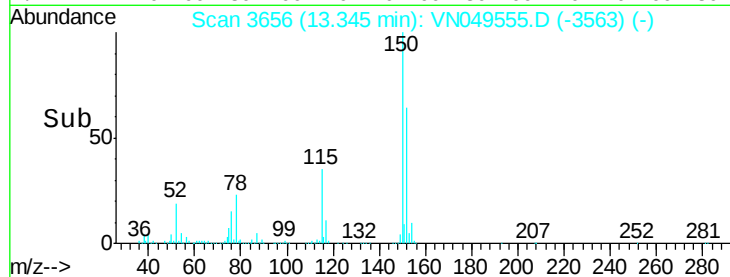
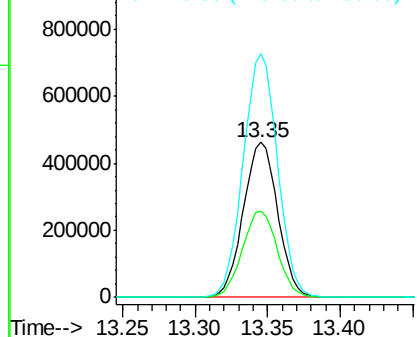
152 100

115 56.1 28.7 86.1

150 156.6 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



#95

Naphthalene

Concen: 16.65 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049555.D

Acq: 26 Jun 2018 16:23

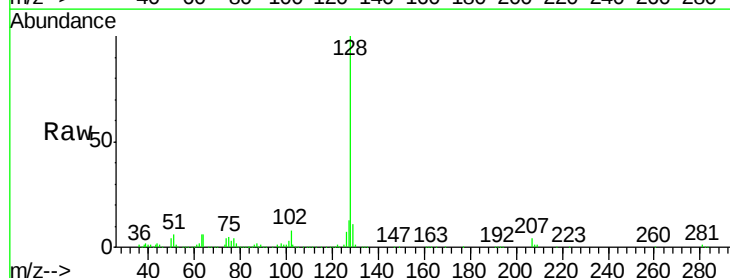
Tgt Ion:128 Resp: 321944

Ion Ratio Lower Upper

128 100

127 12.6 10.6 16.0

129 11.0 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

