

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062218\
 Data File : VN049507.D
 Acq On : 22 Jun 2018 21:58
 Operator : MD\SY
 Sample : J3642-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TEST-PIT-1

Quant Time: Jun 22 23:44:37 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	1084529	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1732618	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1452993	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	405424	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	740119	51.45	ug/l	0.00
Spiked Amount						
			Recovery	=	102.90%	
35) Dibromofluoromethane	7.59	113	661740	47.21	ug/l	0.00
Spiked Amount						
			Recovery	=	94.42%	
50) Toluene-d8	10.09	98	2360093	44.22	ug/l	0.00
Spiked Amount						
			Recovery	=	88.44%	
62) 4-Bromofluorobenzene	12.40	95	605541	34.31	ug/l	0.00
Spiked Amount						
			Recovery	=	68.62%	

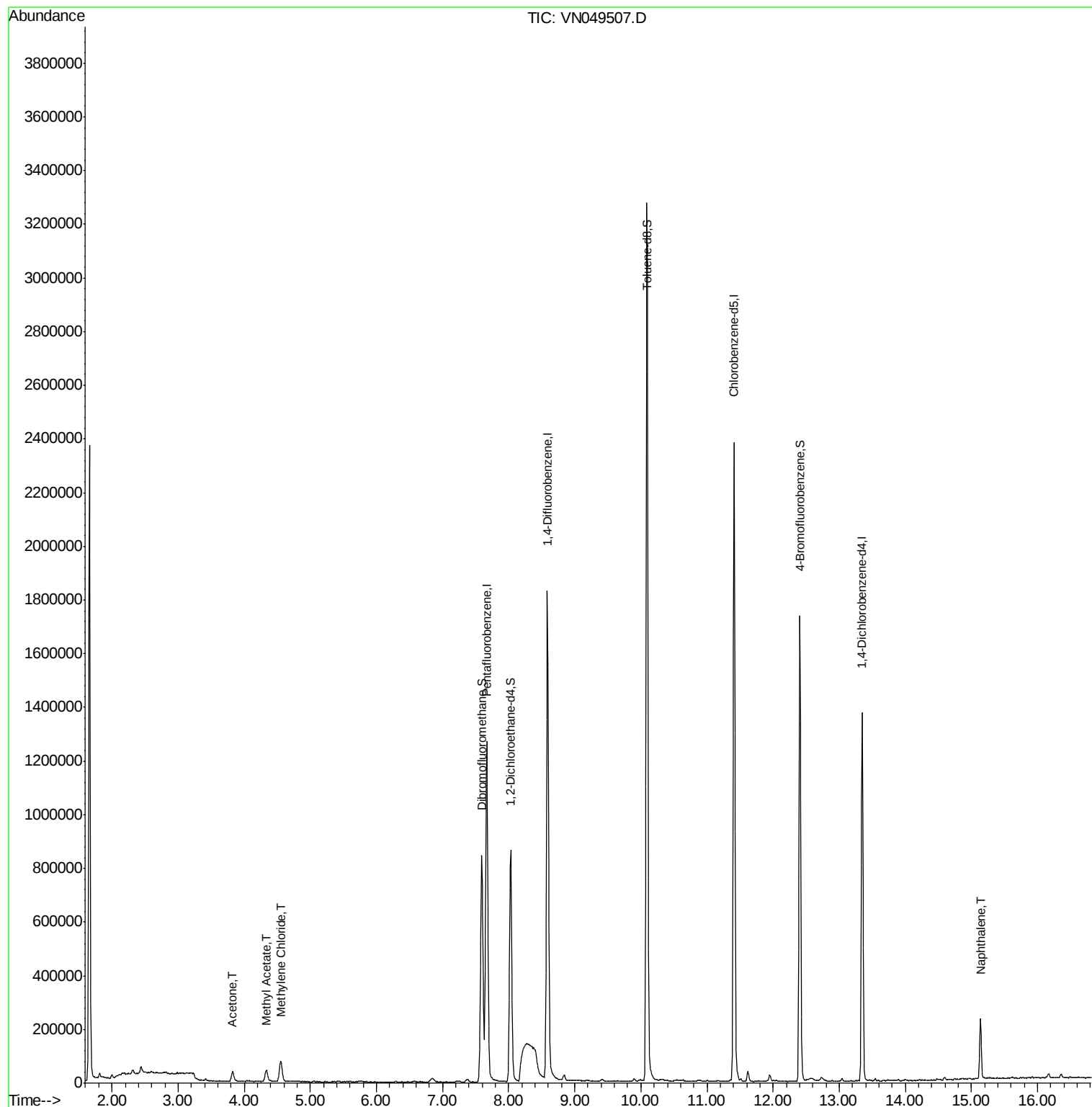
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	59602	17.07	ug/l	99
18) Methyl Acetate	4.33	43	82940	7.79	ug/l	93
20) Methylene Chloride	4.55	84	57992	3.98	ug/l	91
95) Naphthalene	15.14	128	192456	18.41	ug/l	99

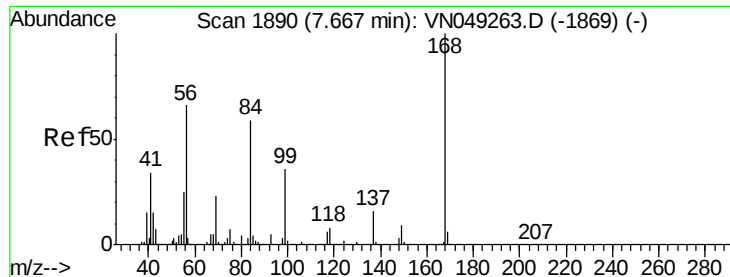
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 22 23:44:37 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# 1891

Delta R.T. 0.00 min

Lab File: VN049507.D

Acq: 22 Jun 2018 21:58

Instrument :

MSVOA_N

ClientSampled :

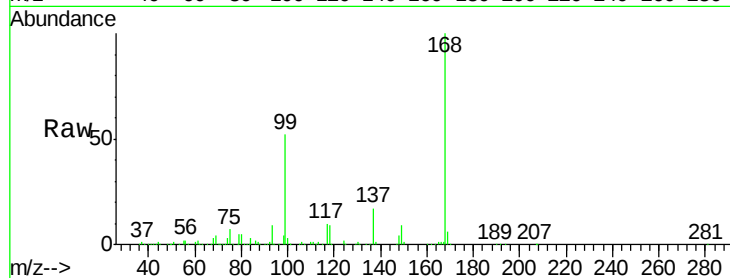
TEST-PIT-1

Tot Ion:168 Resp: 1084529

Ion Ratio Lower Upper

168 100

99 51.8 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

400000

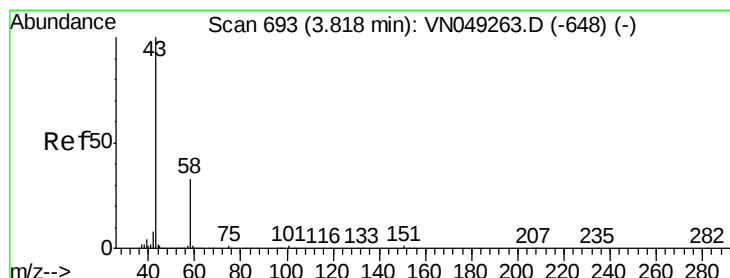
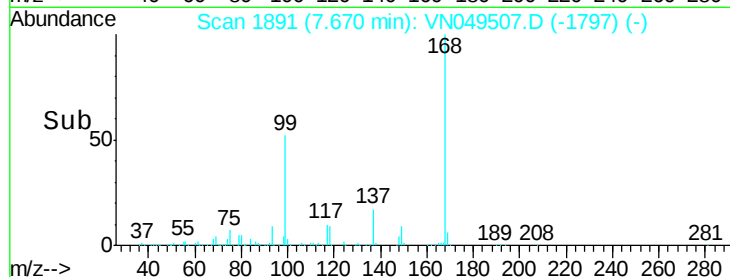
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 17.07 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049507.D

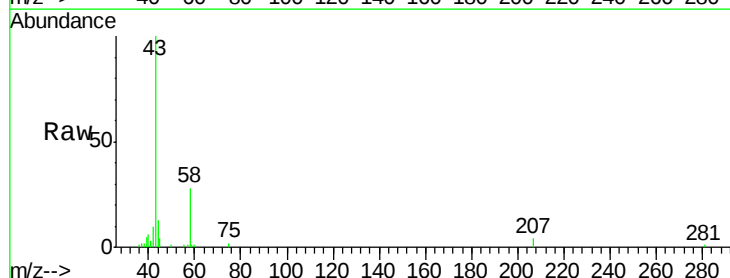
Acq: 22 Jun 2018 21:58

Tgt Ion: 43 Resp: 59602

Ion Ratio Lower Upper

43 100

58 28.5 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

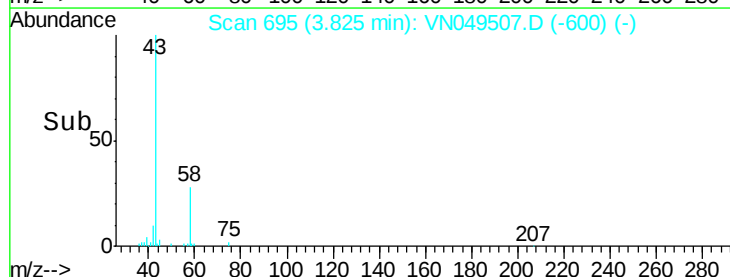
15000

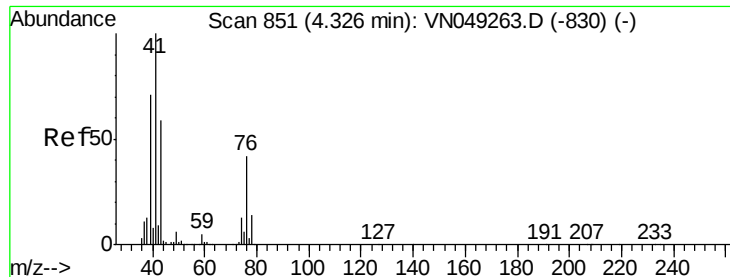
10000

5000

0

Time-->





#18

Methvl Acetate

Concen: 7.79 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN049507.D

Acq: 22 Jun 2018 21:58

Instrument :

MSVOA_N

ClientSampleId :

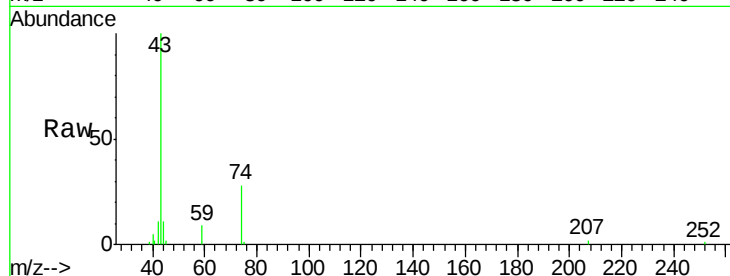
TEST-PIT-1

Tot Ion: 43 Resp: 82940

Ion Ratio Lower Upper

43 100

74 25.0 17.4 26.0



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 74.00 (73.70 to 74.70): VNC

4.33

30000

25000

20000

15000

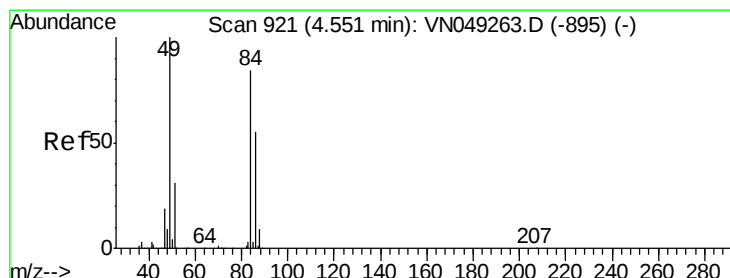
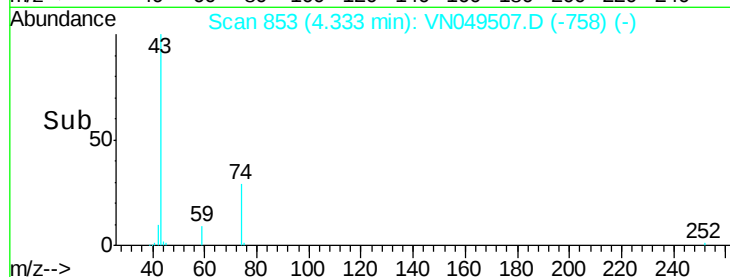
10000

5000

0

4.25 4.30 4.35 4.40 4.45

Time-->



#20

Methylene Chloride

Concen: 3.98 ug/l

RT: 4.55 min Scan# 921

Delta R.T. 0.00 min

Lab File: VN049507.D

Acq: 22 Jun 2018 21:58

Tgt Ion: 84 Resp: 57992

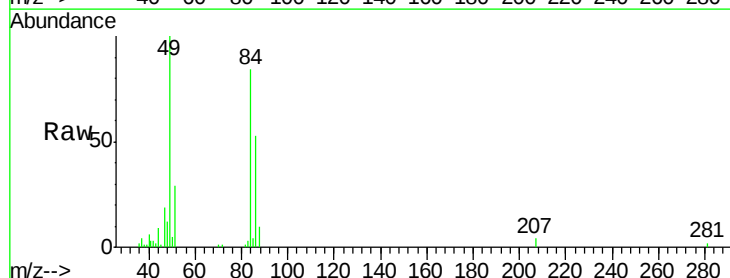
Ion Ratio Lower Upper

84 100

49 119.2 106.9 160.3

51 34.8 32.7 49.1

86 62.7 49.8 74.8



Abundance Ion 83.90 (83.60 to 84.60): VNC

Ion 48.90 (48.60 to 49.60): VNC

Ion 50.90 (50.60 to 51.60): VNC

Ion 85.90 (85.60 to 86.60): VNC

4.55

30000

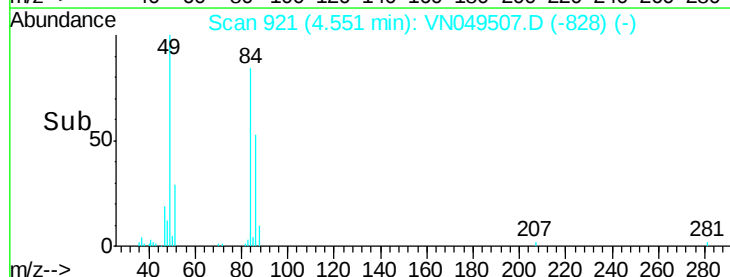
20000

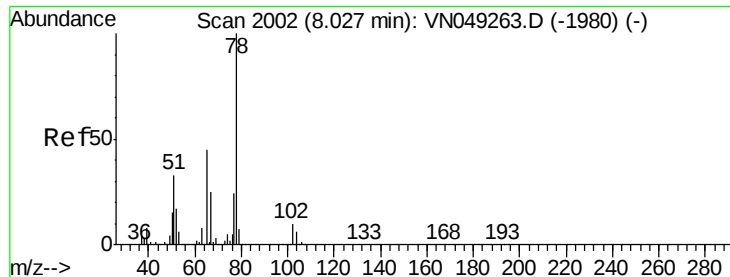
10000

0

4.50 4.60

Time-->





#33

1,2-Dichloroethane-d4

Concen: 51.45 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049507.D

Acq: 22 Jun 2018 21:58

Instrument :

MSVOA_N

ClientSampleId :

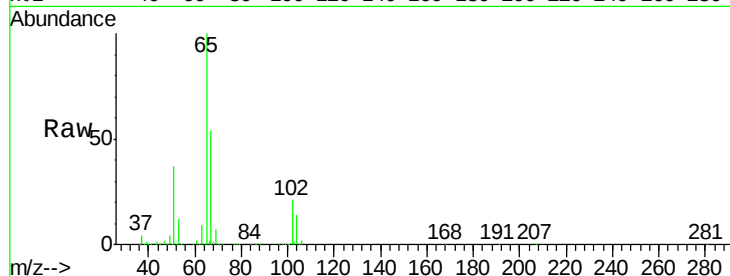
TEST-PIT-1

Tot Ion: 65 Resp: 740119

Ion Ratio Lower Upper

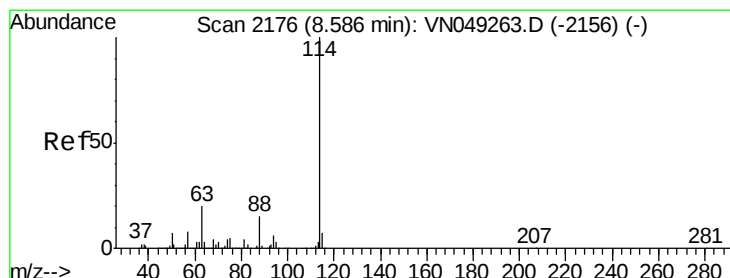
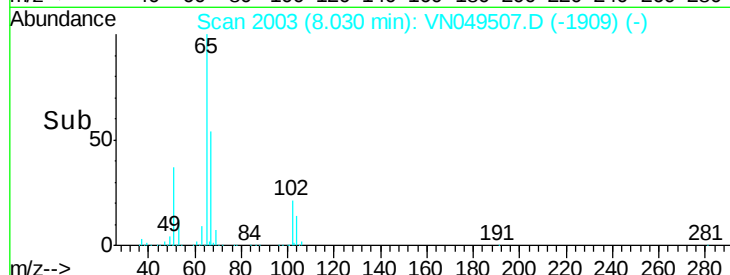
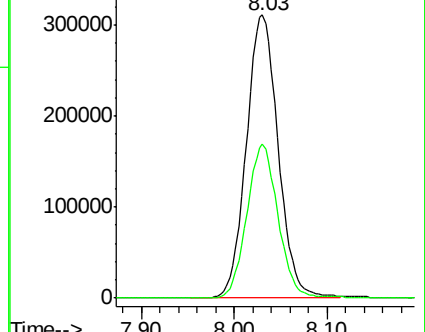
65 100

67 53.5 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049507.D (-1980) (-)

Ion 66.90 (66.60 to 67.60): VN049507.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: VN049507.D

Acq: 22 Jun 2018 21:58

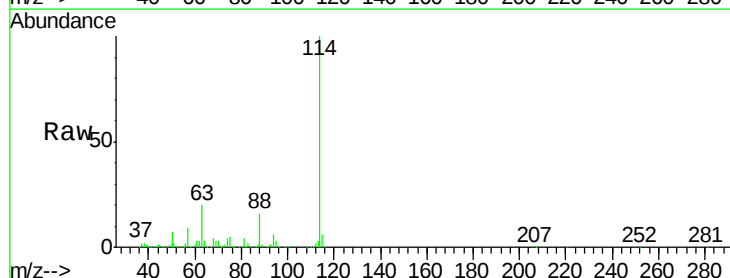
Tgt Ion: 114 Resp: 1732618

Ion Ratio Lower Upper

114 100

63 20.2 0.0 44.4

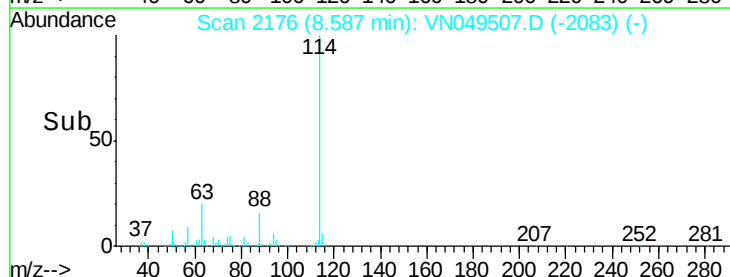
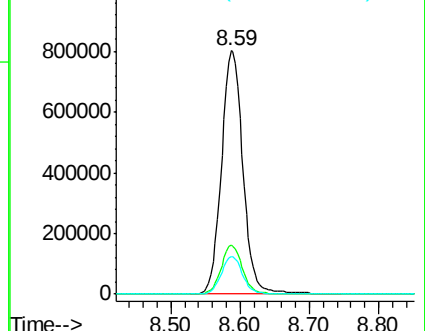
88 15.6 0.0 31.4

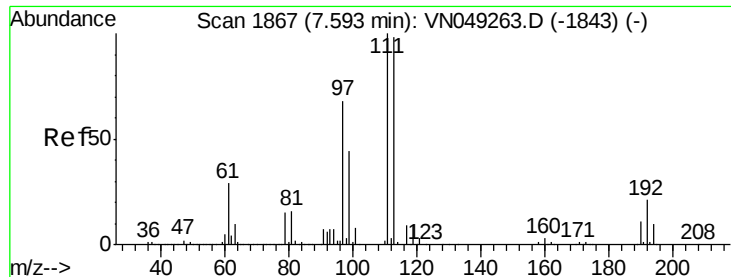


Abundance Ion 113.90 (113.60 to 114.60): VN049507.D (-2156) (-)

Ion 63.00 (62.70 to 63.70): VN049507.D (-2156) (-)

Ion 87.90 (87.60 to 88.60): VN049507.D (-2156) (-)

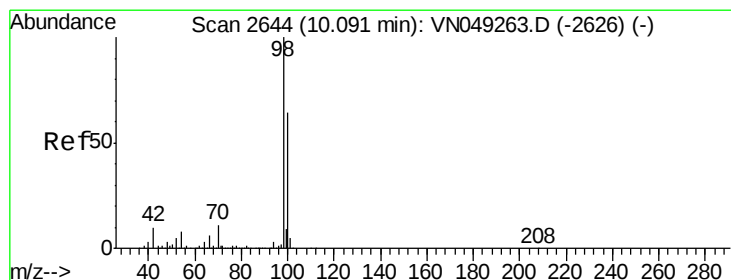
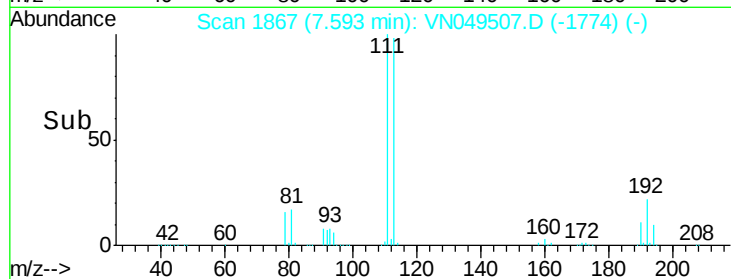
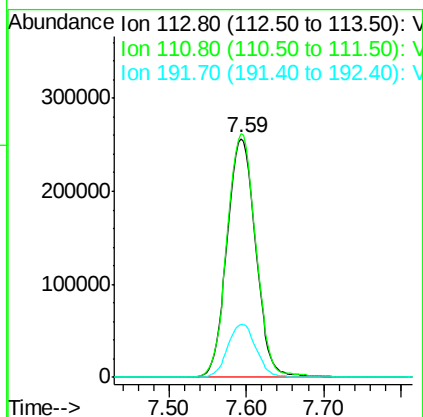
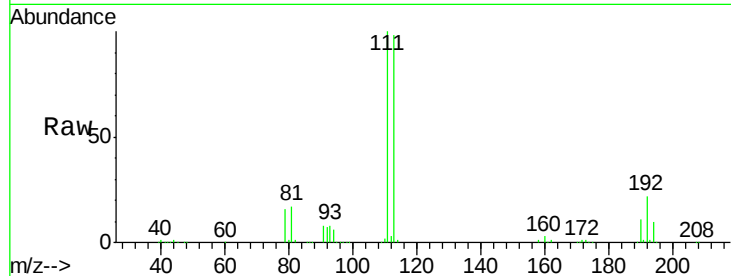




#35
 Dibromofluoromethane
 Concen: 47.21 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049507.D
 Acq: 22 Jun 2018 21:58

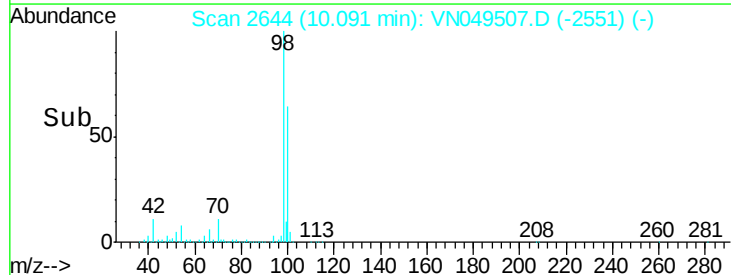
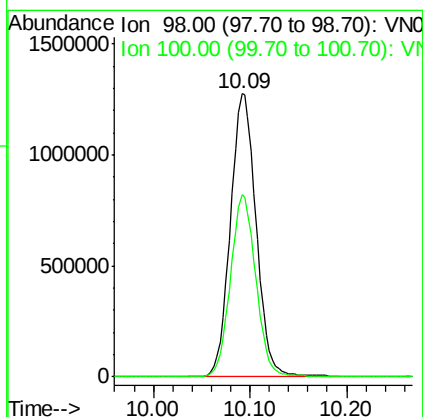
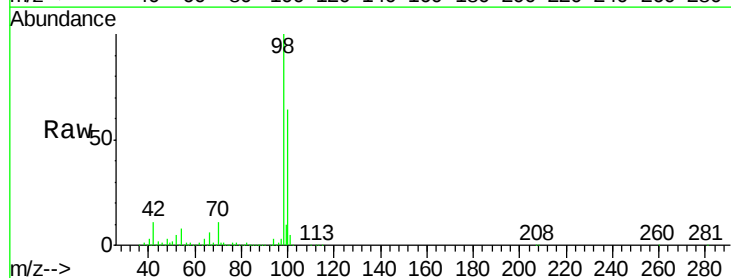
Instrument :
 MSVOA_N
 ClientSampleId :
 TEST-PIT-1

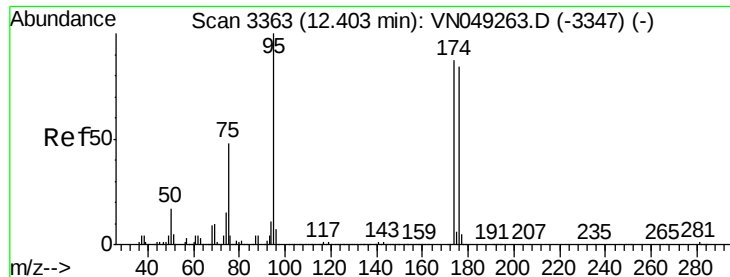
Tot Ion:113 Resp: 661740
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.4 123.6
 192 21.9 15.0 22.6



#50
 Toluene-d8
 Concen: 44.22 ug/l
 RT: 10.09 min Scan# 2644
 Delta R.T. 0.00 min
 Lab File: VN049507.D
 Acq: 22 Jun 2018 21:58

Tgt Ion: 98 Resp: 2360093
 Ion Ratio Lower Upper
 98 100
 100 63.6 49.8 74.8





#62

4-Bromofluorobenzene

Concen: 34.31 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049507.D

Acq: 22 Jun 2018 21:58

Instrument :

MSVOA_N

ClientSampleId :

TEST-PIT-1

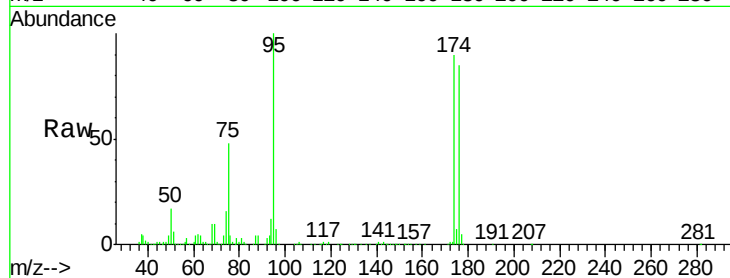
Tot Ion: 95 Resp: 605541

Ion Ratio Lower Upper

95 100

174 89.7 0.0 165.6

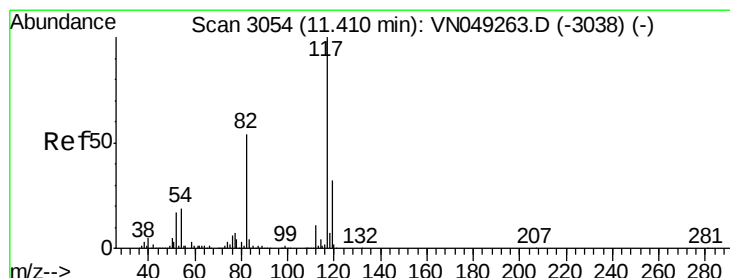
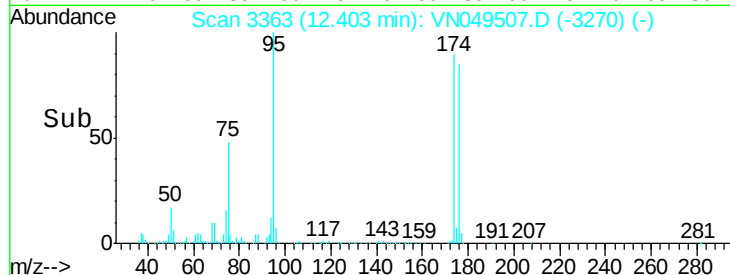
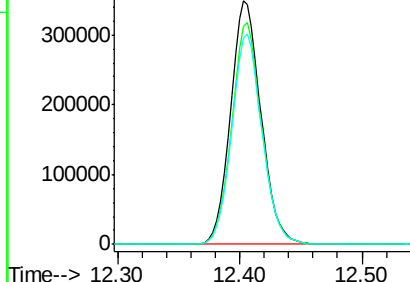
176 85.7 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049507.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049507.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049507.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049507.D

Acq: 22 Jun 2018 21:58

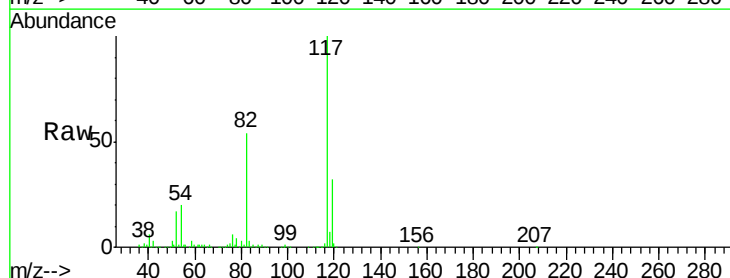
Tgt Ion: 117 Resp: 1452993

Ion Ratio Lower Upper

117 100

82 53.7 45.9 68.9

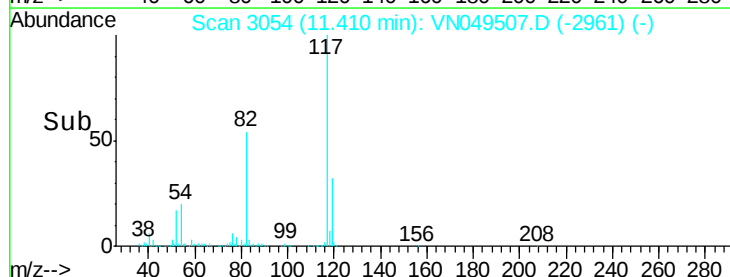
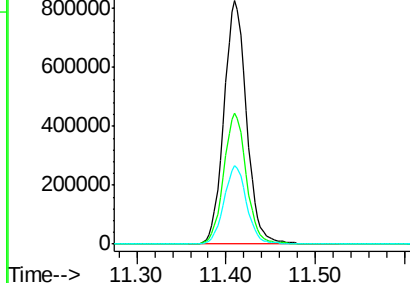
119 32.2 25.5 38.3

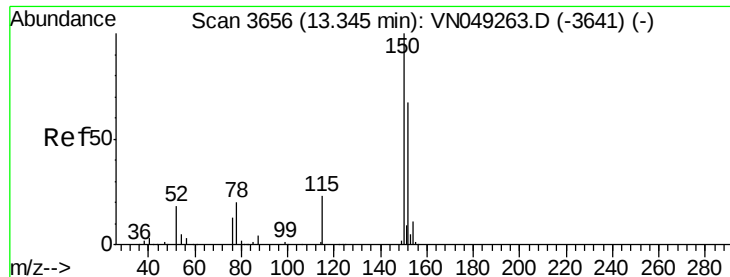


Abundance Ion 116.90 (116.60 to 117.60): VN049507.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049507.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049507.D (-2961) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049507.D

Acq: 22 Jun 2018 21:58

Instrument :

MSVOA_N

ClientSampleId :

TEST-PIT-1

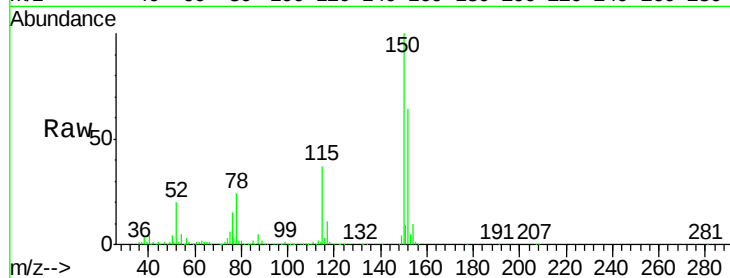
Tot Ion:152 Resp: 405424

Ion Ratio Lower Upper

152 100

115 57.1 28.7 86.1

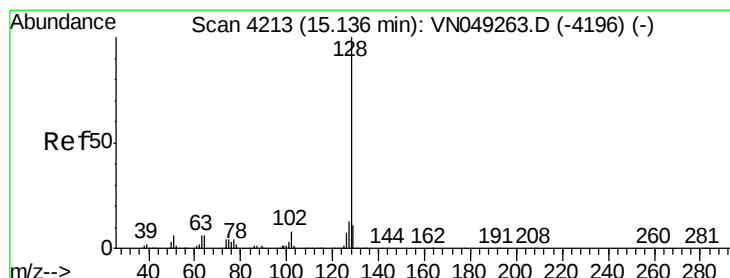
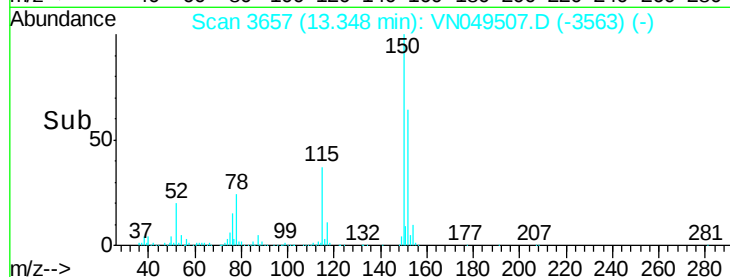
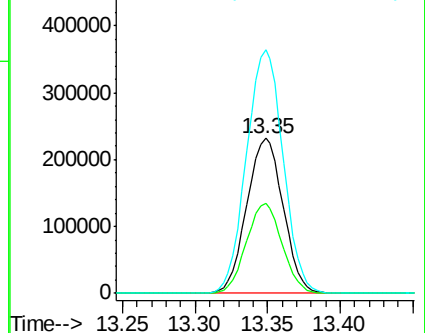
150 158.3 0.0 351.0



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



#95

Naphthalene

Concen: 18.41 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049507.D

Acq: 22 Jun 2018 21:58

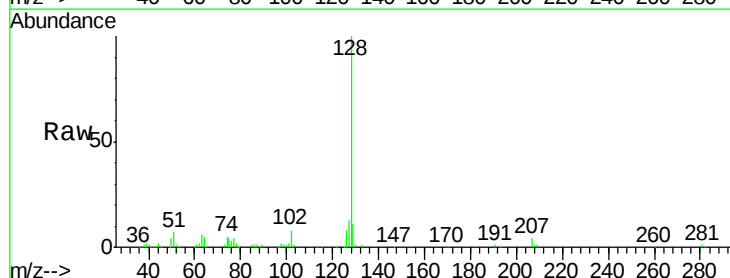
Tgt Ion:128 Resp: 192456

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 10.9 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

