

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020819\
 Data File : VN053687.D
 Acq On : 8 Feb 2019 17:45
 Operator : JC/SP
 Sample : K1422-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TEST-PIT-1

Quant Time: Feb 09 03:31:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

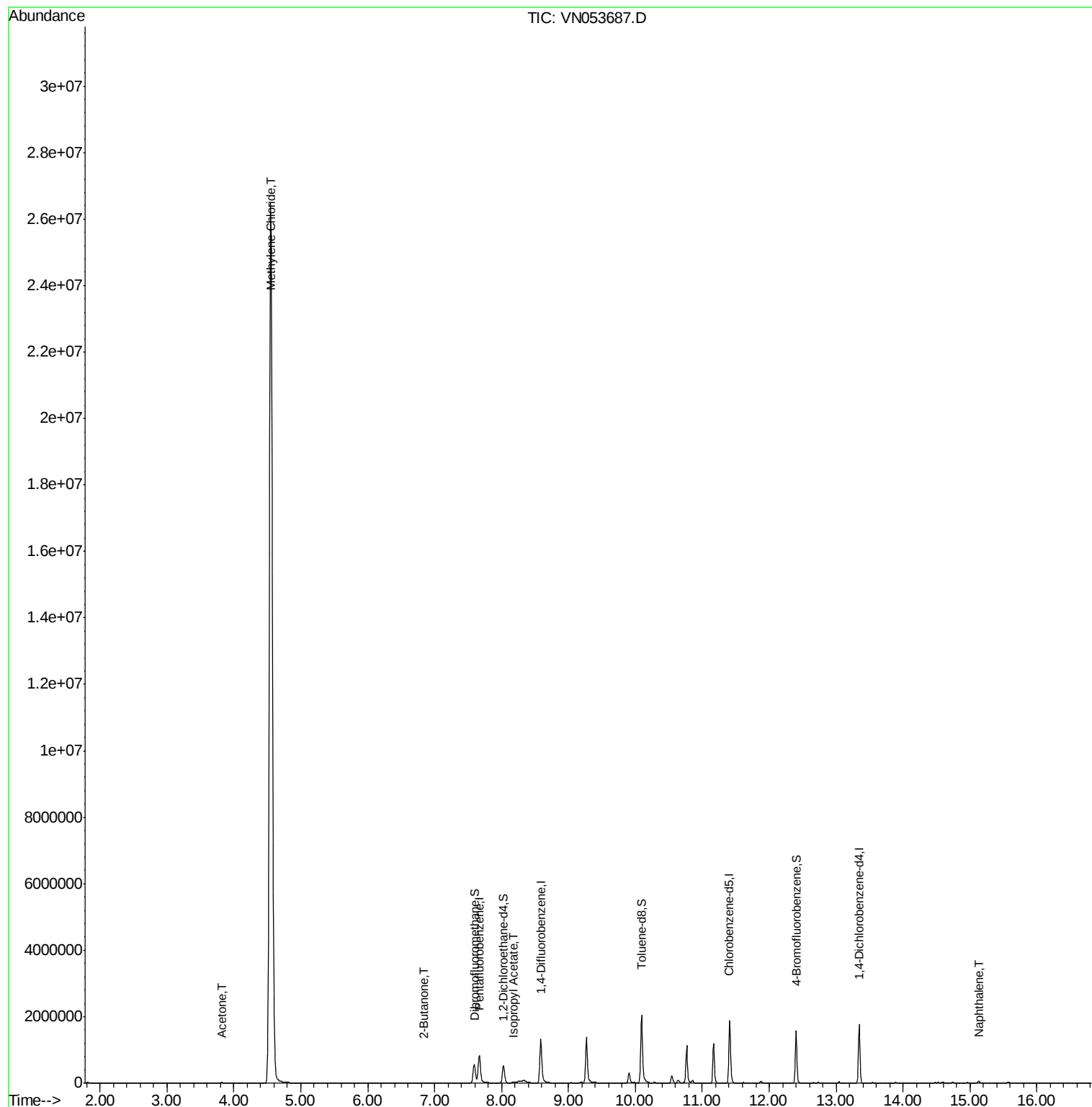
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	821136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1399746	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1263971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	517620	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	445490	54.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.16%	
35) Dibromofluoromethane	7.59	113	441162	49.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.76%	
50) Toluene-d8	10.09	98	1685048	50.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.48%	
62) 4-Bromofluorobenzene	12.40	95	558908	50.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.92%	
Target Compounds						
16) Acetone	3.82	43	28108	13.303	ug/l #	87
20) Methylene Chloride	4.55	84	21351404	2408.581	ug/l	99
25) 2-Butanone	6.84	43	9475	3.144	ug/l	95
43) Isopropyl Acetate	8.18	43	37192	2.733	ug/l #	78
95) Naphthalene	15.13	128	39874	3.429	ug/l	100

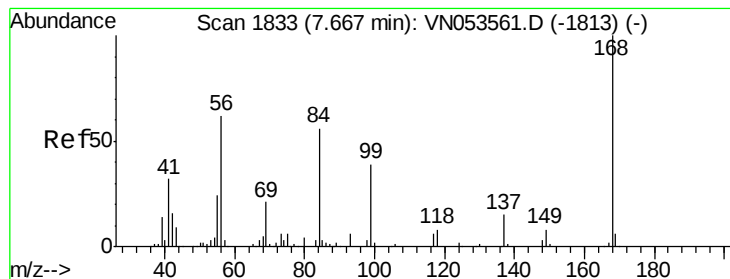
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053687.D

Acq: 8 Feb 2019 17:45

Instrument :

MSVOA_N

ClientSampled :

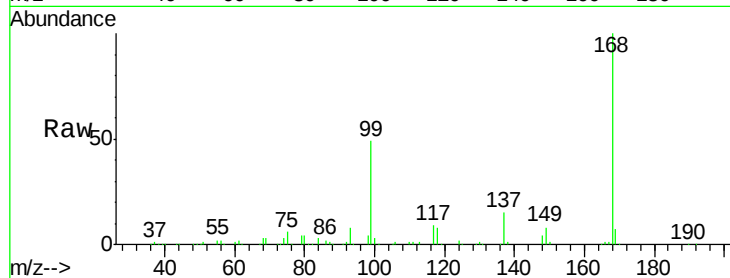
TEST-PIT-1

Tot Ion:168 Resp: 821136

Ion Ratio Lower Upper

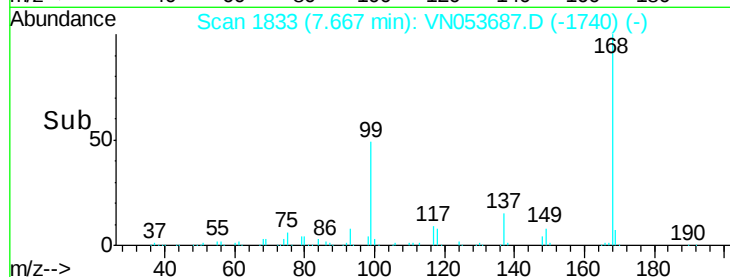
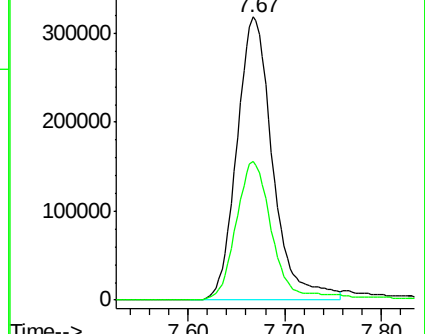
168 100

99 48.9 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 13.303 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053687.D

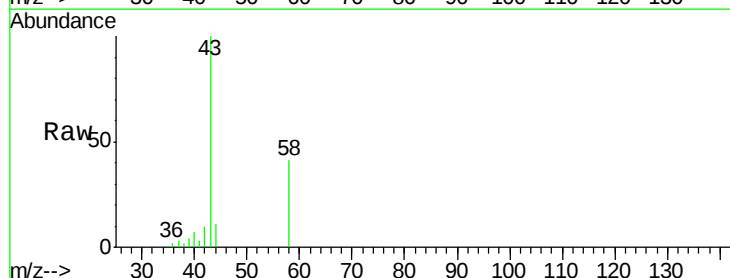
Acq: 8 Feb 2019 17:45

Tgt Ion: 43 Resp: 28108

Ion Ratio Lower Upper

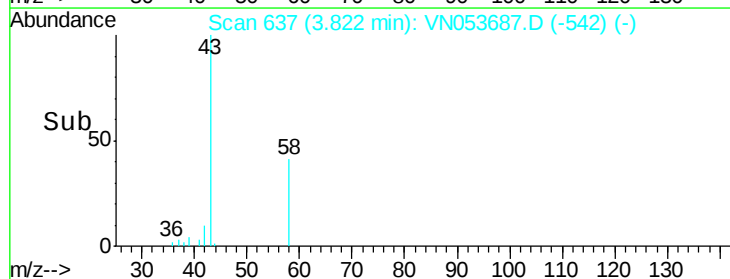
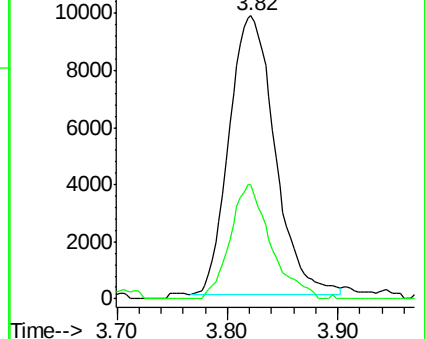
43 100

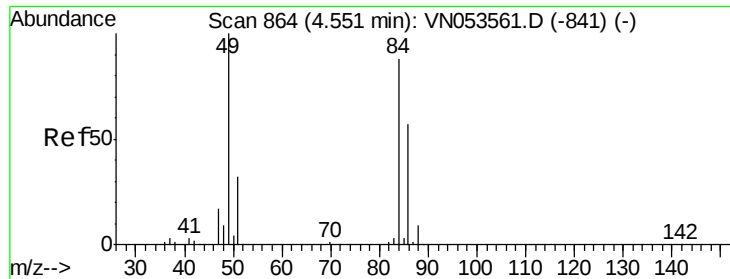
58 41.2 27.1 40.7#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO



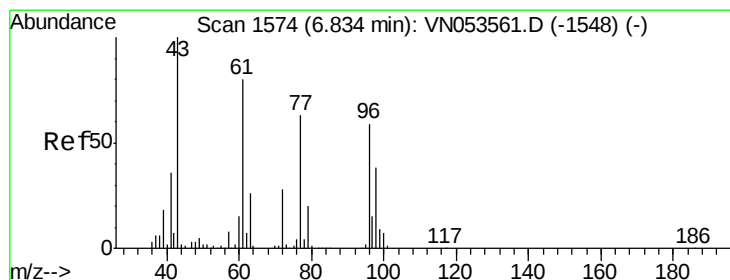
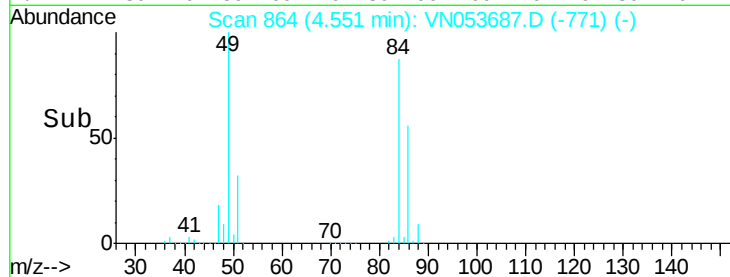
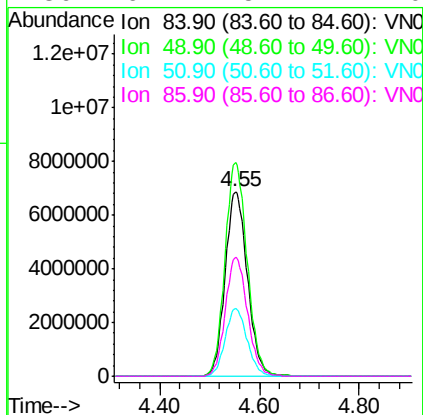
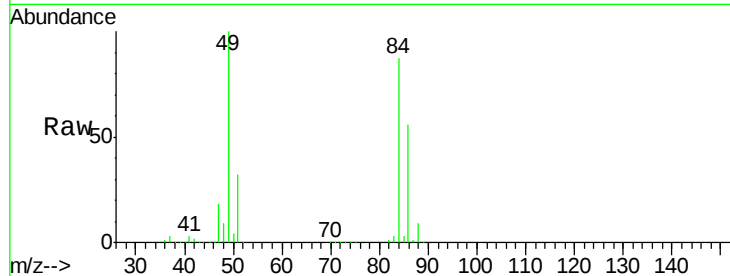


#20
Methvlene Chloride
Concen: 2408.581 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN053687.D
Acq: 8 Feb 2019 17:45

Instrument :
MSVOA_N
ClientSampleId :
TEST-PIT-1

Tot Ion: 84 Resp: 21351404

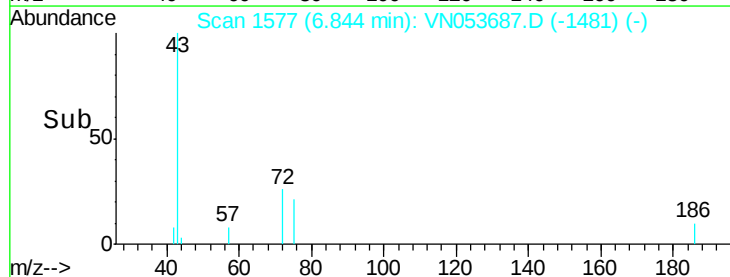
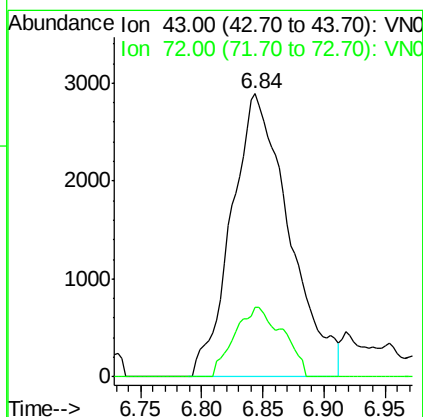
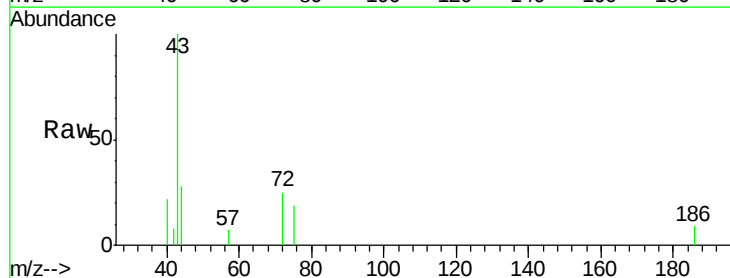
Ion	Ratio	Lower	Upper
84	100		
49	115.6	94.3	141.5
51	36.7	29.4	44.2
86	64.4	51.4	77.0

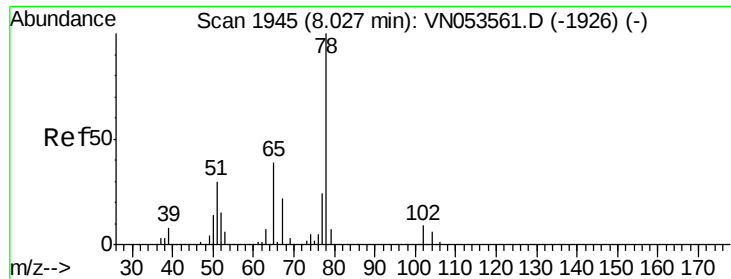


#25
2-Butanone
Concen: 3.144 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN053687.D
Acq: 8 Feb 2019 17:45

Tgt Ion: 43 Resp: 9475

Ion	Ratio	Lower	Upper
43	100		
72	24.7	22.0	33.0





#33

1,2-Dichloroethane-d4

Concen: 54.080 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053687.D

Acq: 8 Feb 2019 17:45

Instrument :

MSVOA_N

ClientSampleId :

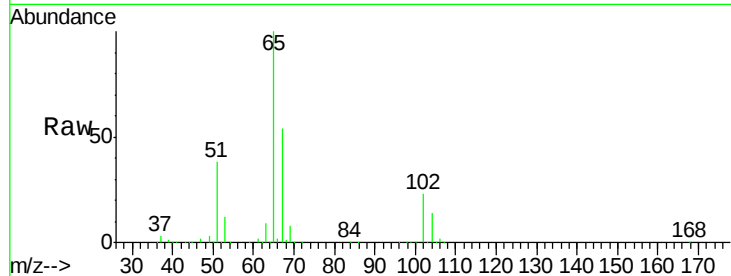
TEST-PIT-1

Tot Ion: 65 Resp: 445490

Ion Ratio Lower Upper

65 100

67 55.1 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN053561.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN053561.D (-1926) (-)

8.03

200000

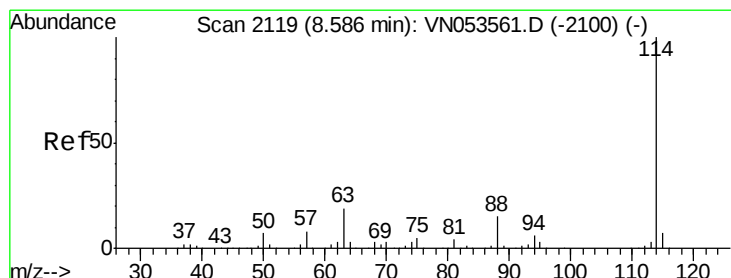
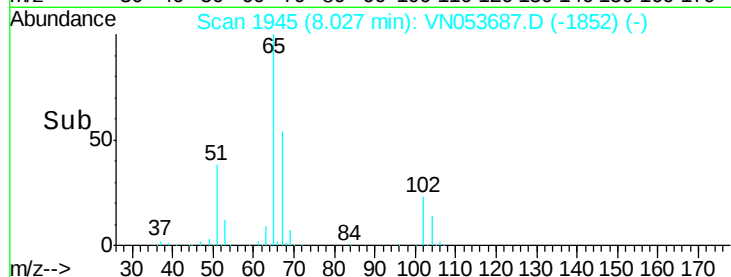
150000

100000

50000

0

Time--> 7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053687.D

Acq: 8 Feb 2019 17:45

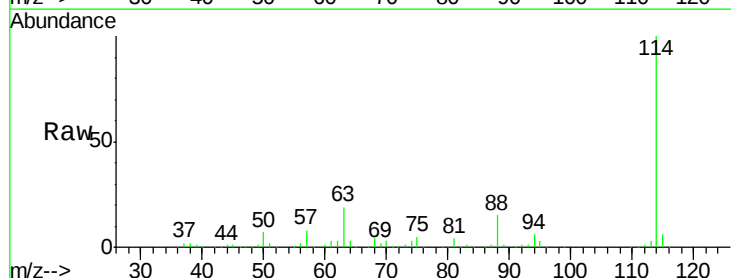
Tgt Ion: 114 Resp: 1399746

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.6

88 15.2 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): VN053561.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN053561.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN053561.D (-2100) (-)

8.59

800000

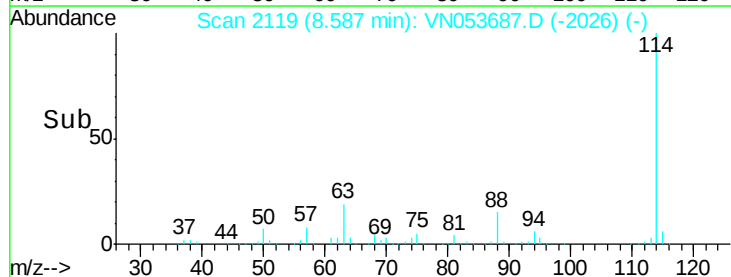
600000

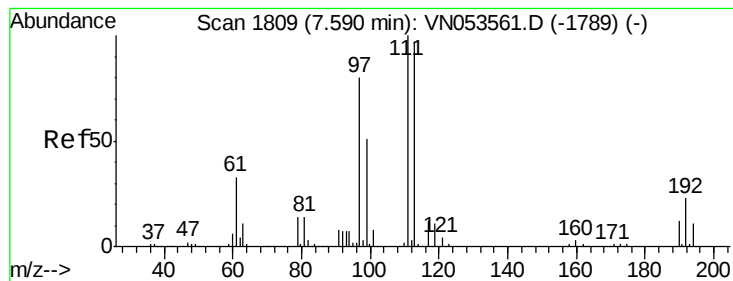
400000

200000

0

Time--> 8.40 8.50 8.60 8.70 8.80





#35

Dibromofluoromethane

Concen: 49.879 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053687.D

Acq: 8 Feb 2019 17:45

Instrument :

MSVOA_N

ClientSampleId :

TEST-PIT-1

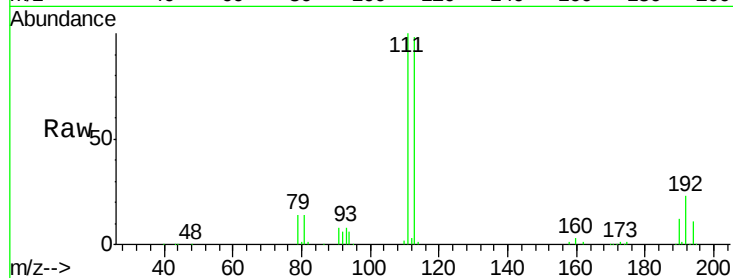
Tot Ion:113 Resp: 441162

Ion Ratio Lower Upper

113 100

111 103.0 81.1 121.7

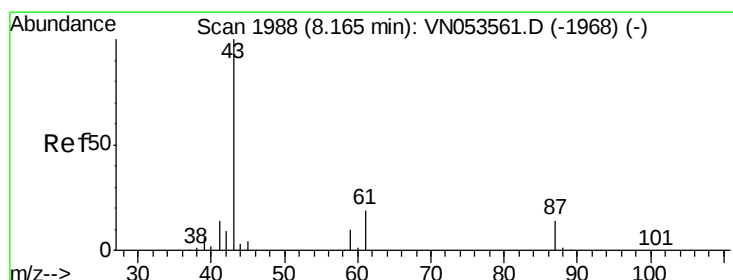
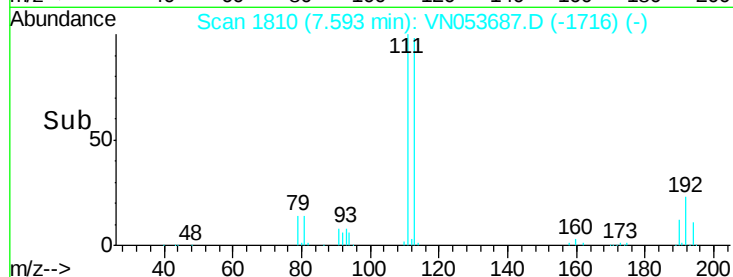
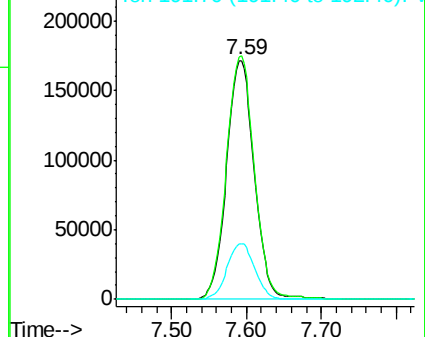
192 23.5 18.2 27.2



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



#43

Isopropyl Acetate

Concen: 2.733 ug/l

RT: 8.18 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN053687.D

Acq: 8 Feb 2019 17:45

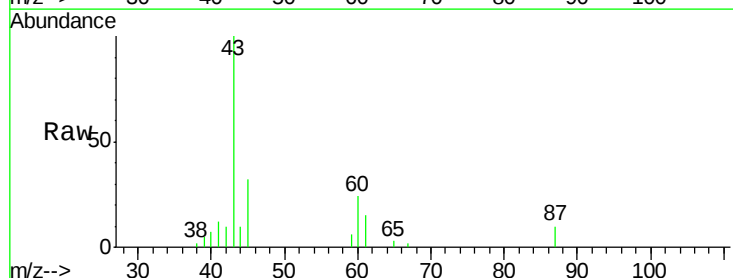
Tgt Ion: 43 Resp: 37192

Ion Ratio Lower Upper

43 100

61 15.0 23.9 35.9#

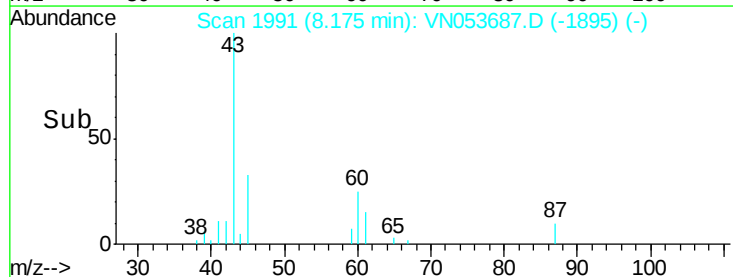
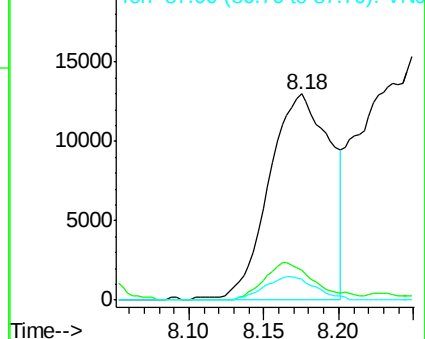
87 9.3 11.0 16.6#

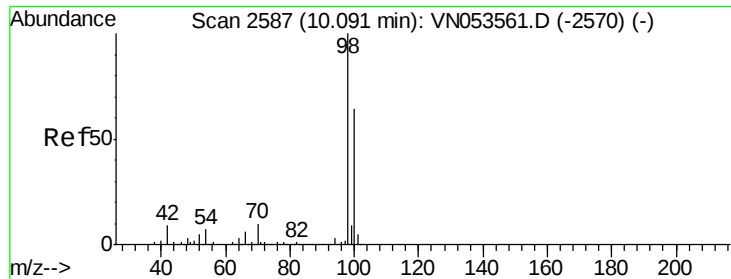


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 50.740 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053687.D

Acq: 8 Feb 2019 17:45

Instrument :

MSVOA_N

ClientSampleId :

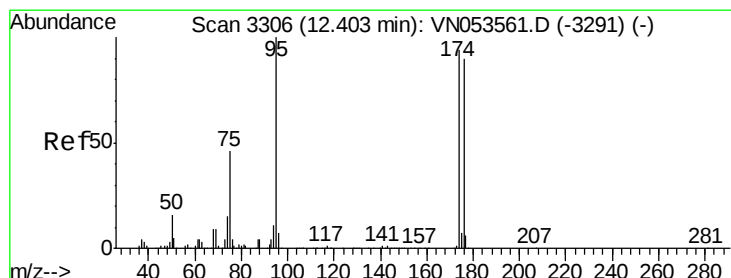
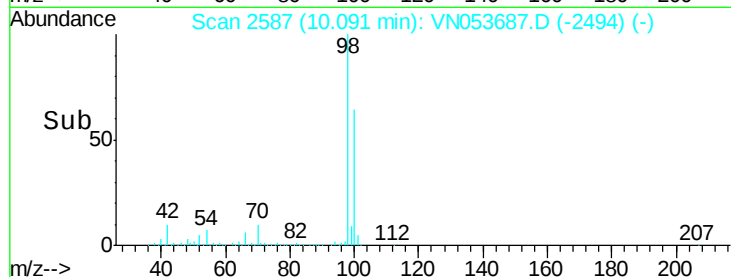
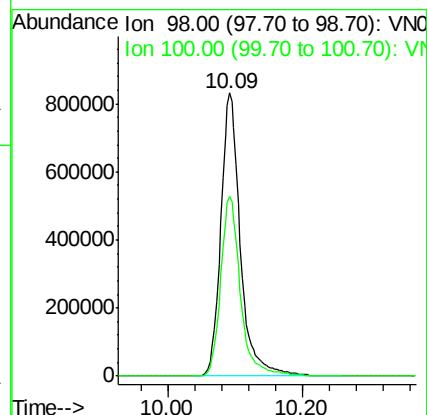
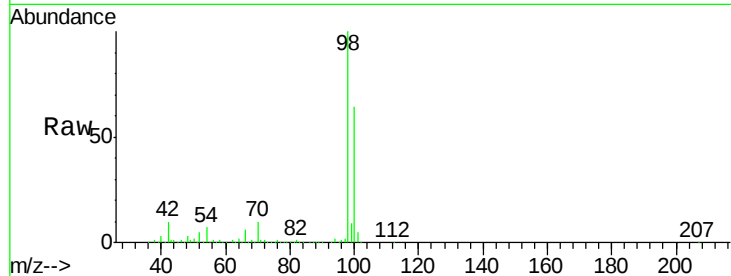
TEST-PIT-1

Tot Ion: 98 Resp: 1685048

Ion Ratio Lower Upper

98 100

100 64.2 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 50.461 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053687.D

Acq: 8 Feb 2019 17:45

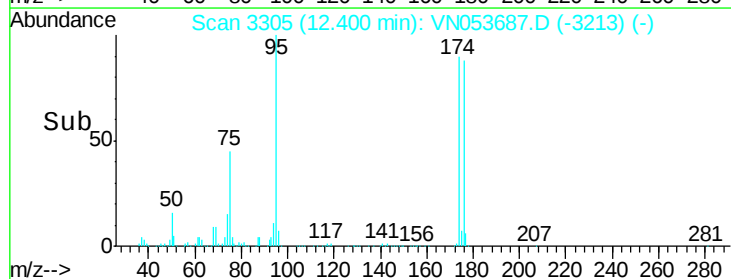
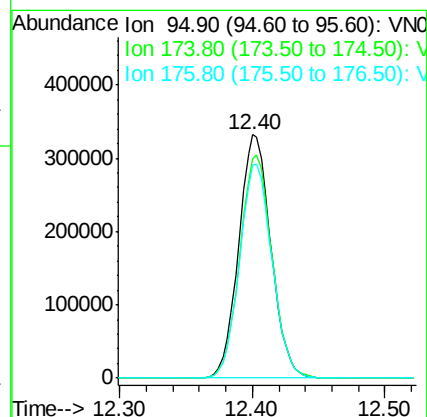
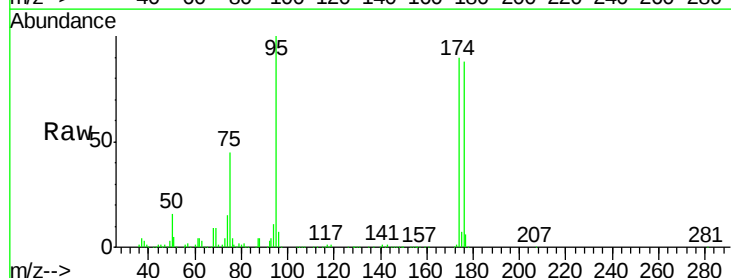
Tgt Ion: 95 Resp: 558908

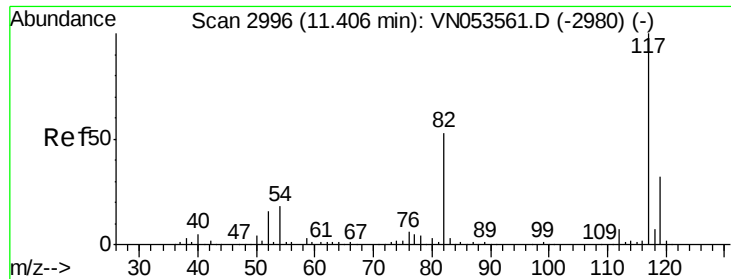
Ion Ratio Lower Upper

95 100

174 91.9 0.0 183.2

176 88.8 0.0 177.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053687.D

Acq: 8 Feb 2019 17:45

Instrument :

MSVOA_N

ClientSampled :

TEST-PIT-1

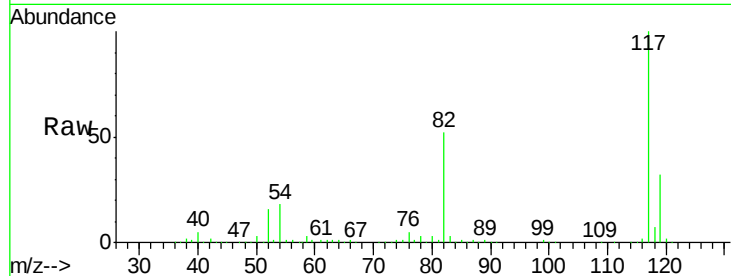
Tot Ion:117 Resp: 1263971

Ion Ratio Lower Upper

117 100

82 52.2 42.9 64.3

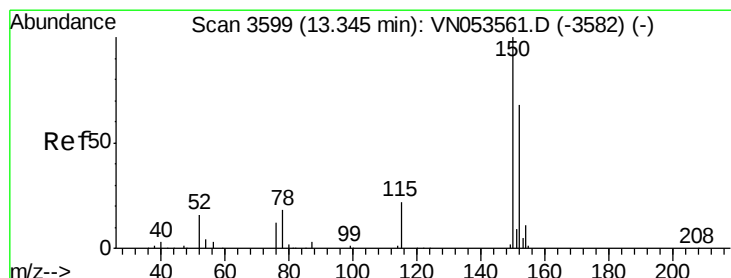
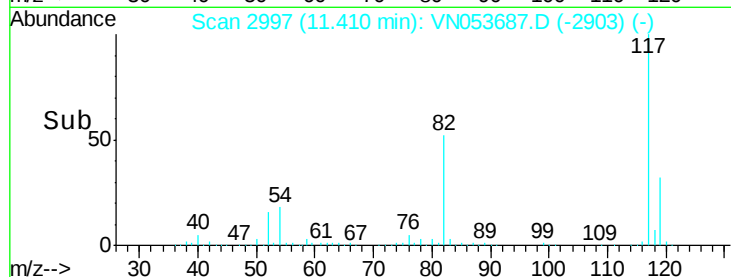
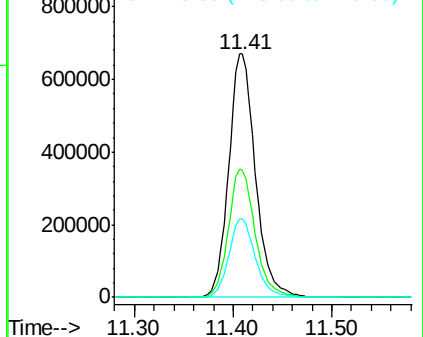
119 32.3 26.0 39.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053687.D

Acq: 8 Feb 2019 17:45

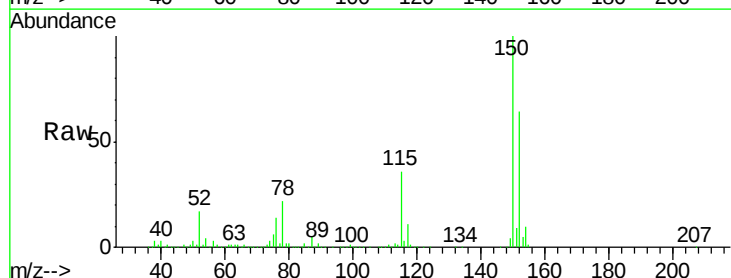
Tgt Ion:152 Resp: 517620

Ion Ratio Lower Upper

152 100

115 56.3 27.8 83.4

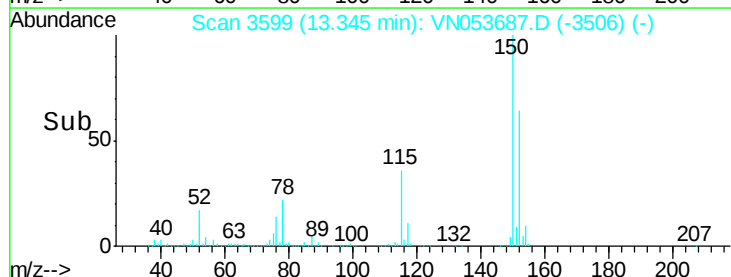
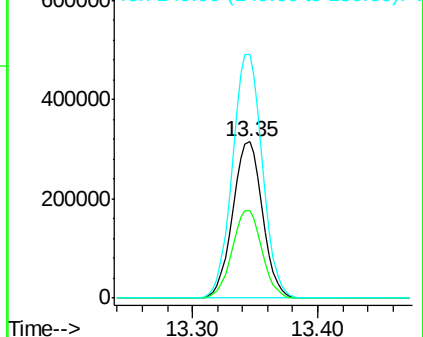
150 156.9 0.0 349.0

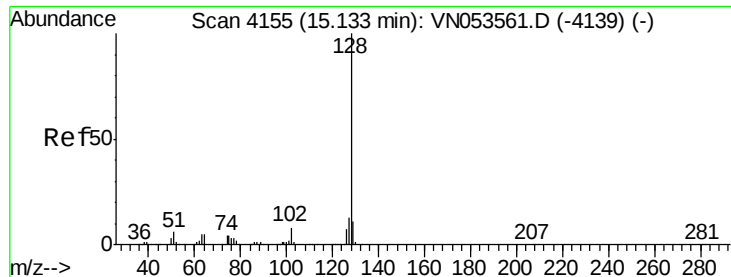


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 3.429 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053687.D

Acq: 8 Feb 2019 17:45

Instrument :

MSVOA_N

ClientSampleId :

TEST-PIT-1

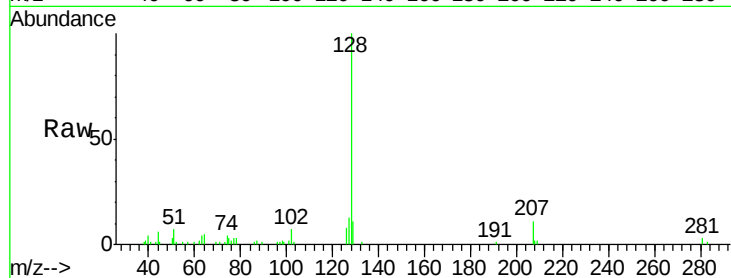
Tot Ion:128 Resp: 39874

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.6 8.6 13.0



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

