

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021119\
 Data File : VN053702.D
 Acq On : 11 Feb 2019 14:06
 Operator : JC/SP
 Sample : K1452-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TEST-PIT-2

Quant Time: Feb 11 22:49:41 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

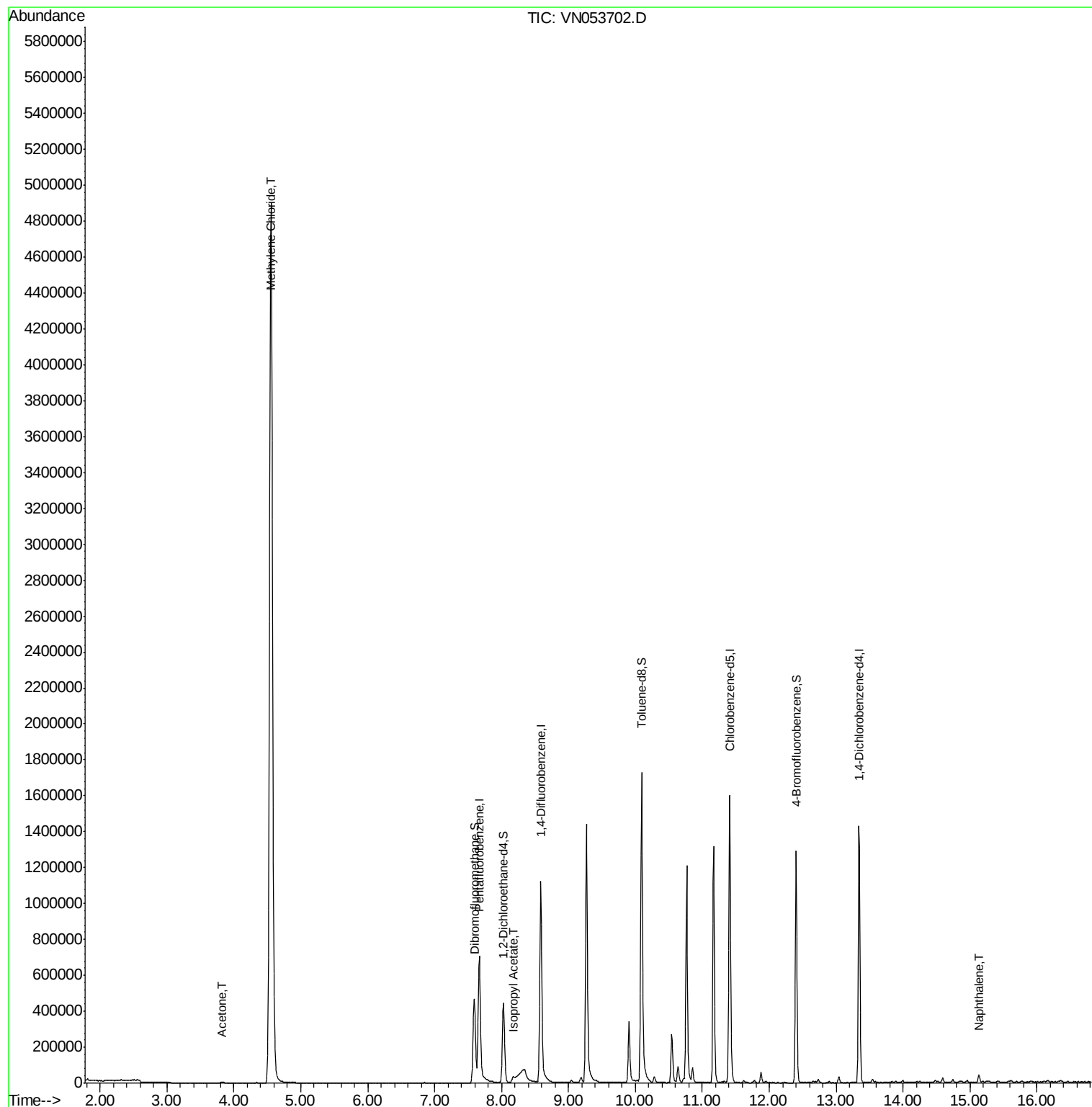
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	711458	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1168180	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1067259	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	422479	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	372357	52.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.34%	
35) Dibromofluoromethane	7.59	113	366569	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
50) Toluene-d8	10.09	98	1417801	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.32%	
62) 4-Bromofluorobenzene	12.40	95	459746	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
Target Compounds						
16) Acetone	3.82	43	12027	6.569	ug/l	93
20) Methylene Chloride	4.55	84	3958076	515.329	ug/l	99
43) Isopropyl Acetate	8.17	43	41243	3.631	ug/l #	76
95) Naphthalene	15.13	128	39267	3.779	ug/l	99

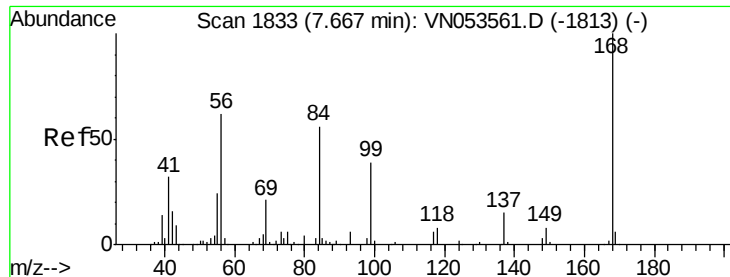
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053702.D

Acq: 11 Feb 2019 14:06

Instrument :

MSVOA_N

ClientSampled :

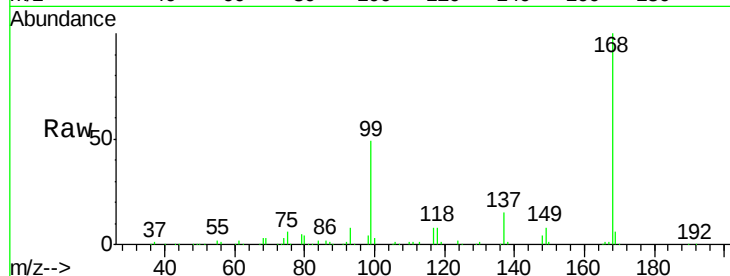
TEST-PIT-2

Tot Ion:168 Resp: 711458

Ion Ratio Lower Upper

168 100

99 48.6 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

300000

250000

200000

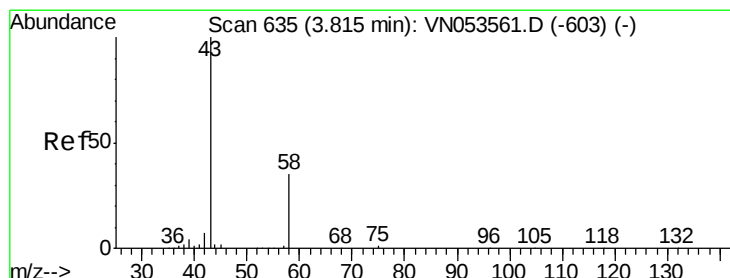
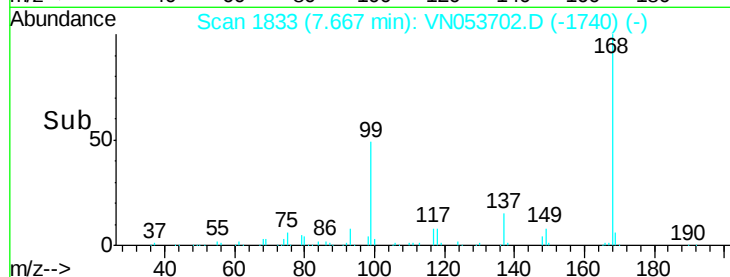
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 6.569 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053702.D

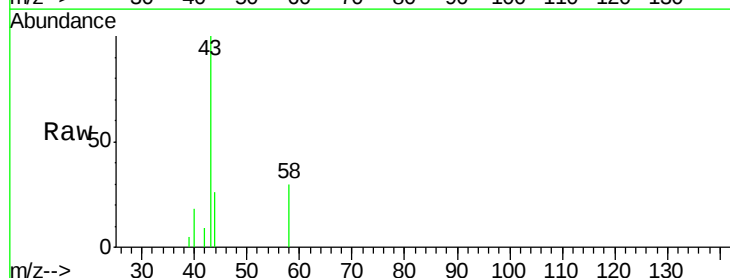
Acq: 11 Feb 2019 14:06

Tgt Ion: 43 Resp: 12027

Ion Ratio Lower Upper

43 100

58 29.7 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

4000

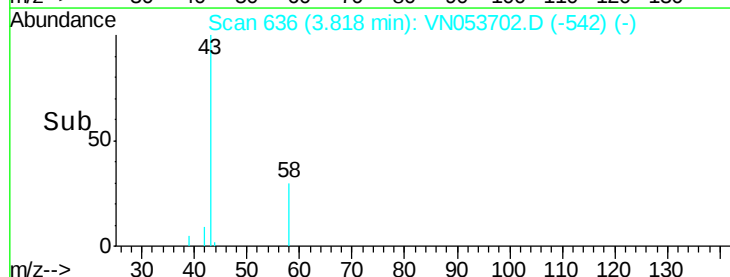
3000

2000

1000

0

Time--> 3.75 3.80 3.85 3.90



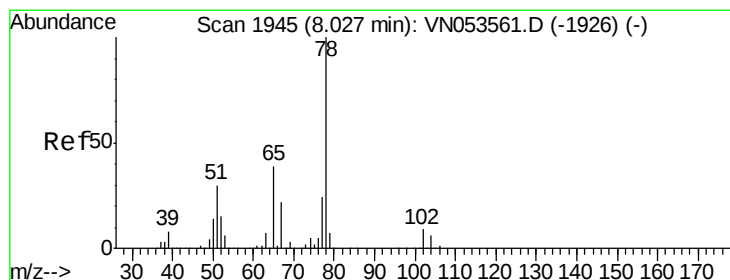
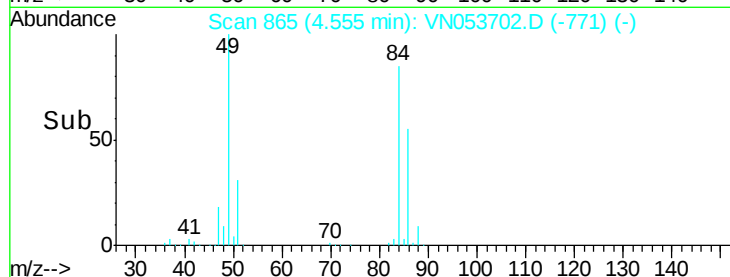
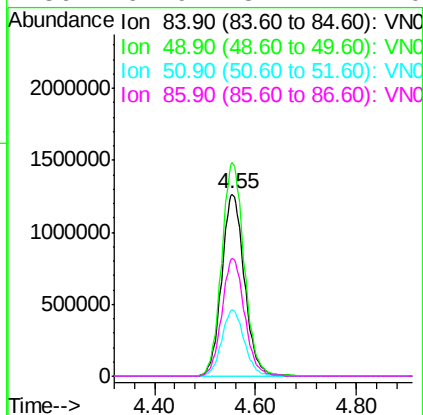
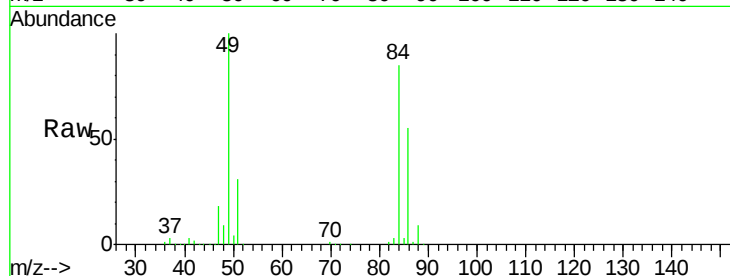


#20
Methvlene Chloride
Concen: 515.329 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053702.D
Acq: 11 Feb 2019 14:06

Instrument :
MSVOA_N
ClientSampled :
TEST-PIT-2

Tot Ion: 84 Resp: 3958076

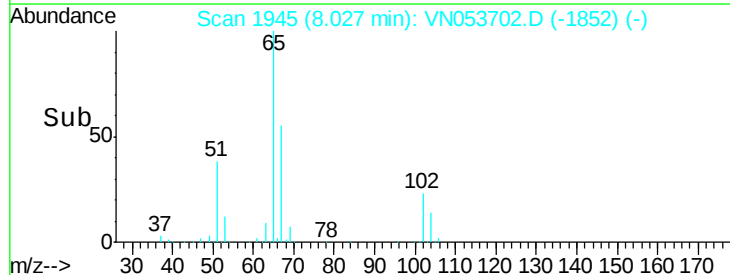
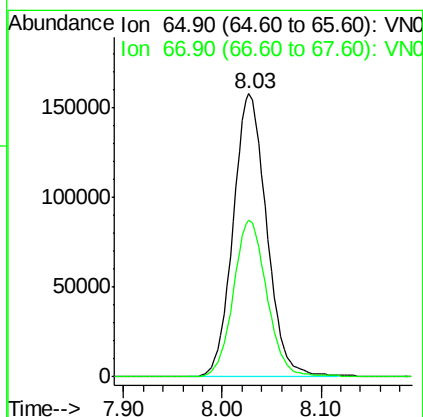
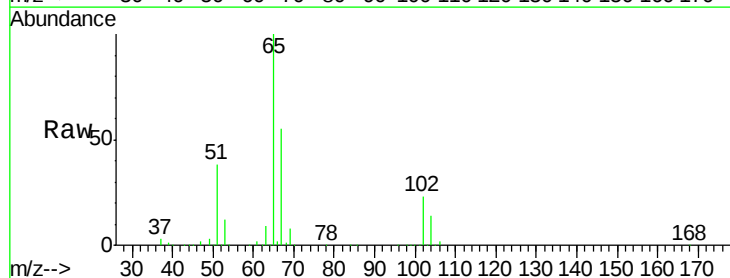
Ion	Ratio	Lower	Upper
84	100		
49	117.2	94.3	141.5
51	36.6	29.4	44.2
86	64.9	51.4	77.0

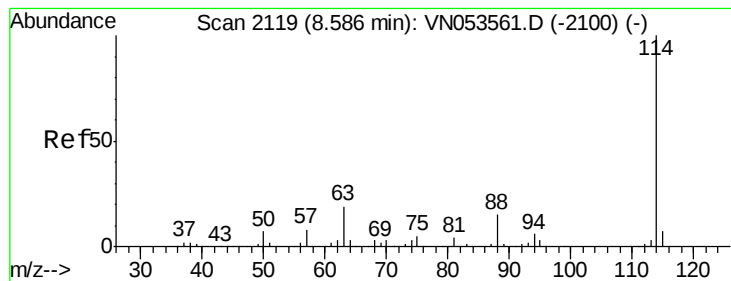


#33
1,2-Dichloroethane-d4
Concen: 52.171 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053702.D
Acq: 11 Feb 2019 14:06

Tgt Ion: 65 Resp: 372357

Ion	Ratio	Lower	Upper
65	100		
67	55.6	0.0	111.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053702.D

Acq: 11 Feb 2019 14:06

Instrument :

MSVOA_N

ClientSampleId :

TEST-PIT-2

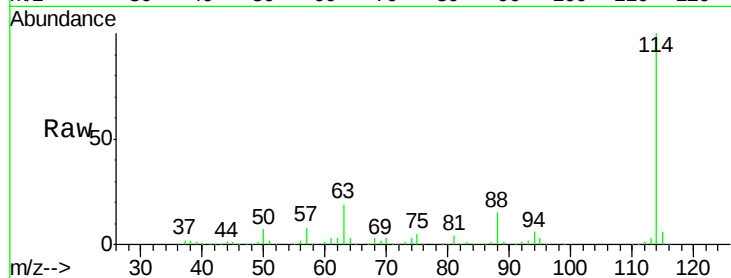
Tot Ion:114 Resp: 1168180

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.6

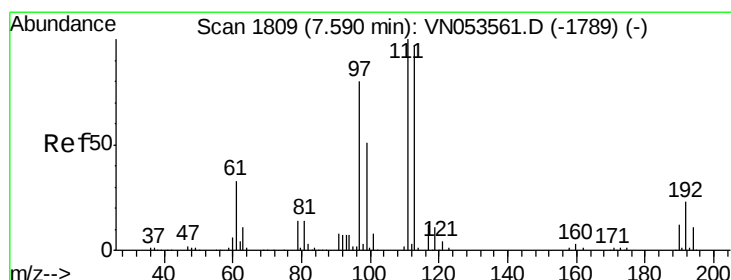
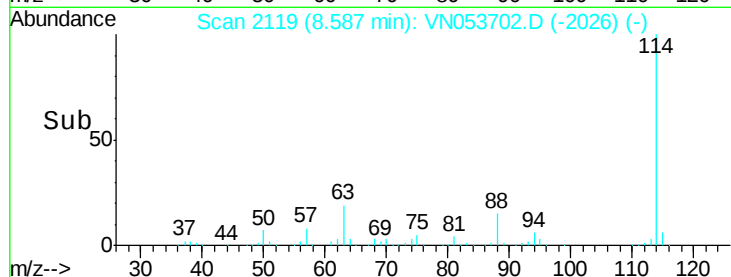
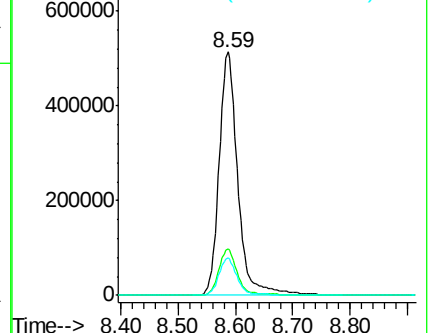
88 15.3 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 49.661 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN053702.D

Acq: 11 Feb 2019 14:06

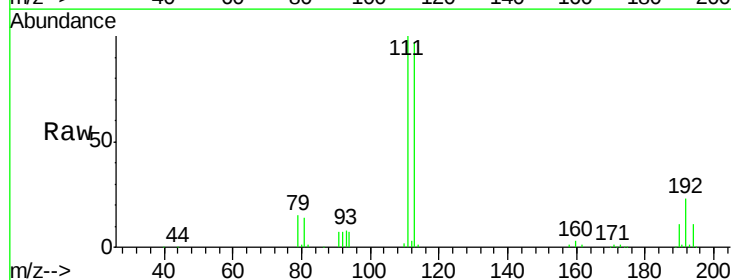
Tgt Ion:113 Resp: 366569

Ion Ratio Lower Upper

113 100

111 103.0 81.1 121.7

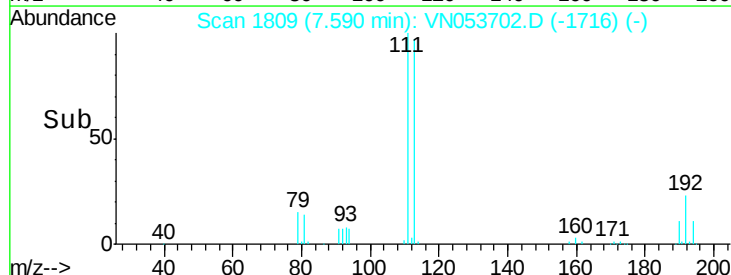
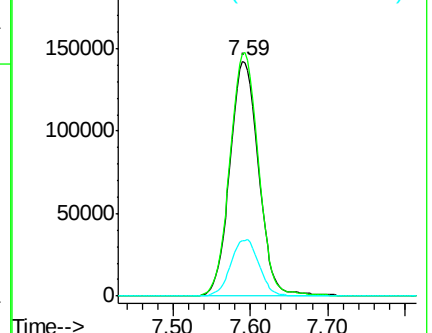
192 23.8 18.2 27.2

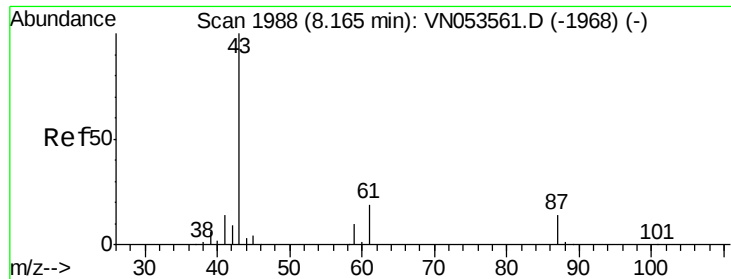


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.631 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN053702.D

Acq: 11 Feb 2019 14:06

Instrument :

MSVOA_N

ClientSampleId :

TEST-PIT-2

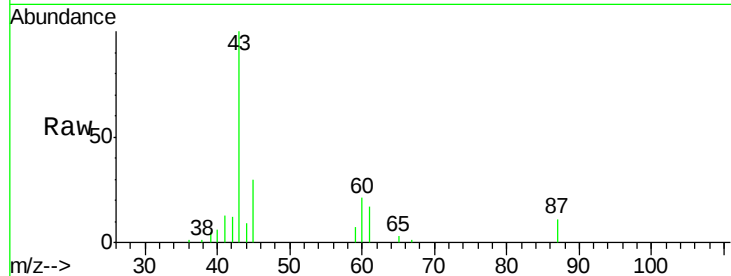
Tot Ion: 43 Resp: 41243

Ion Ratio Lower Upper

43 100

61 13.9 23.9 35.9#

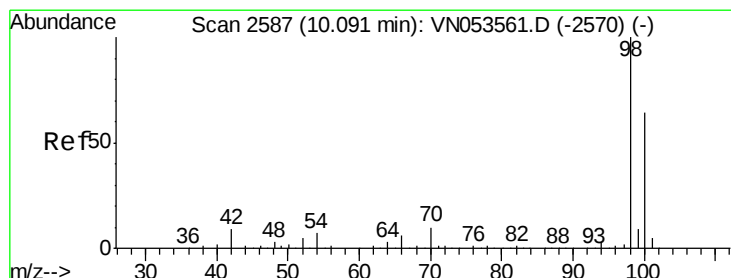
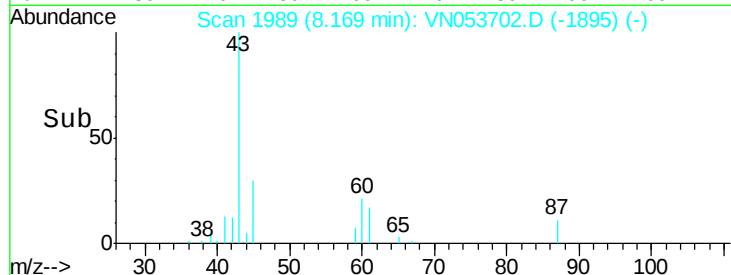
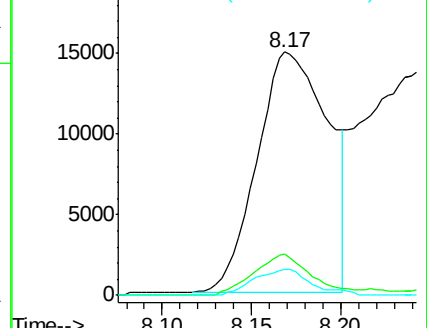
87 8.8 11.0 16.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 51.155 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053702.D

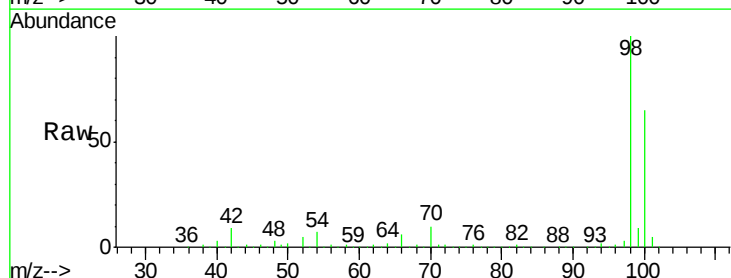
Acq: 11 Feb 2019 14:06

Tgt Ion: 98 Resp: 1417801

Ion Ratio Lower Upper

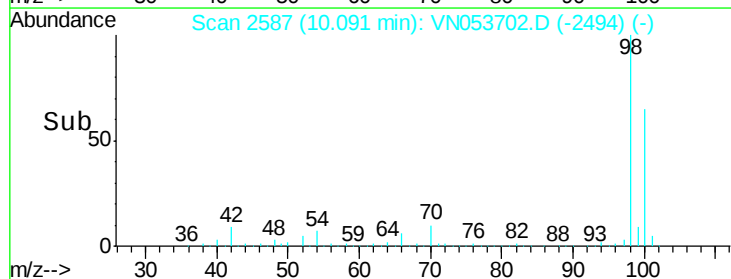
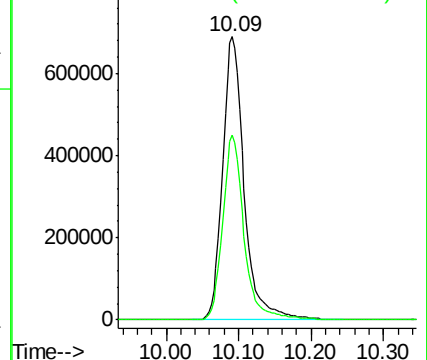
98 100

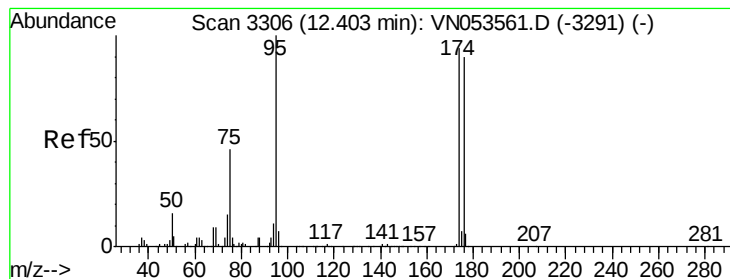
100 64.7 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 49.736 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053702.D

Acq: 11 Feb 2019 14:06

Instrument :

MSVOA_N

ClientSampleId :

TEST-PIT-2

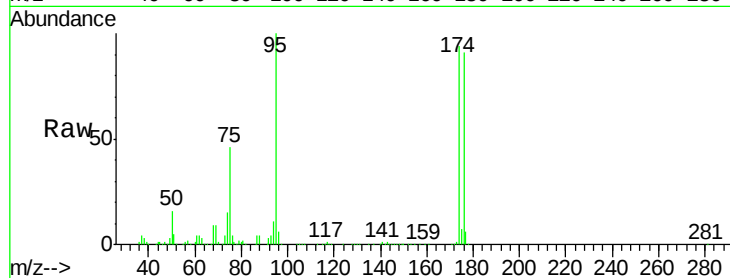
Tot Ion: 95 Resp: 459746

Ion Ratio Lower Upper

95 100

174 92.3 0.0 183.2

176 90.2 0.0 177.4

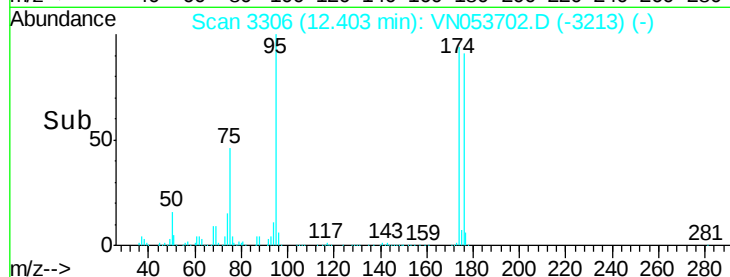


Abundance Ion 94.90 (94.60 to 95.60): VN053561.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053561.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053561.D (-3291) (-)

Time-->

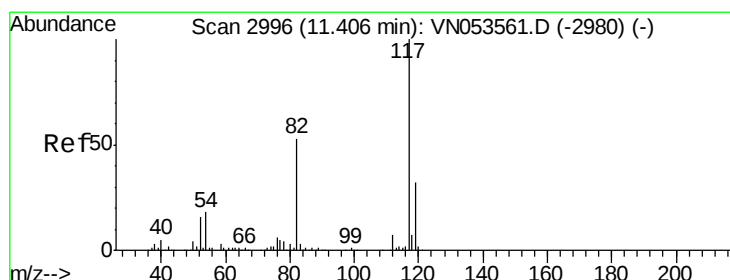


Abundance Ion 94.90 (94.60 to 95.60): VN053702.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN053702.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN053702.D (-3213) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053702.D

Acq: 11 Feb 2019 14:06

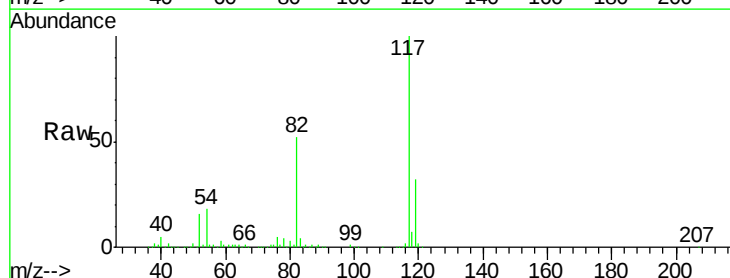
Tgt Ion: 117 Resp: 1067259

Ion Ratio Lower Upper

117 100

82 51.7 42.9 64.3

119 31.9 26.0 39.0

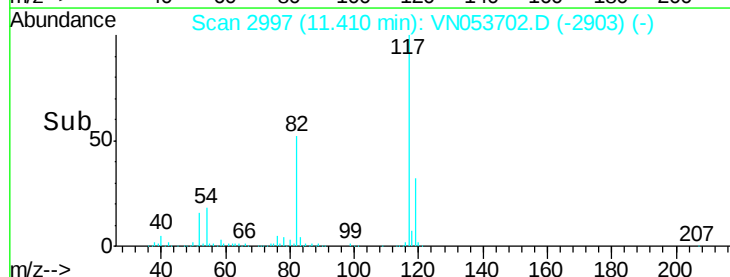


Abundance Ion 116.90 (116.60 to 117.60): VN053561.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053561.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053561.D (-2980) (-)

Time-->

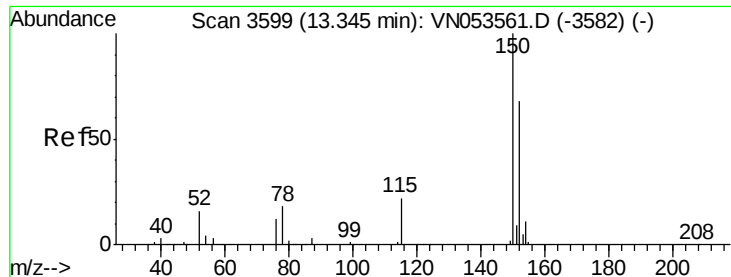


Abundance Ion 116.90 (116.60 to 117.60): VN053702.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN053702.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN053702.D (-2903) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053702.D

Acq: 11 Feb 2019 14:06

Instrument :

MSVOA_N

ClientSampled :

TEST-PIT-2

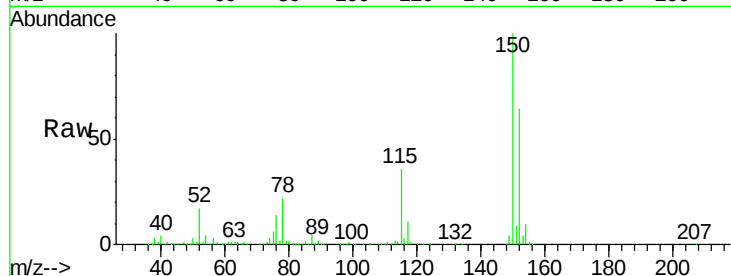
Tot Ion:152 Resp: 422479

Ion Ratio Lower Upper

152 100

115 55.7 27.8 83.4

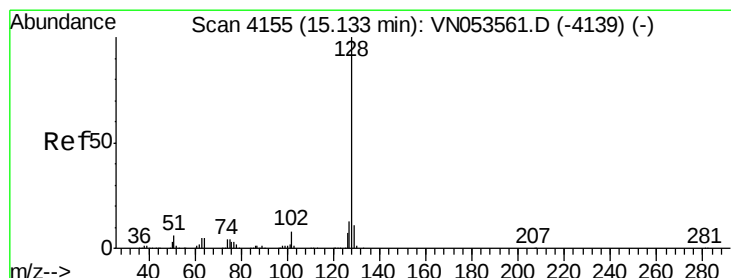
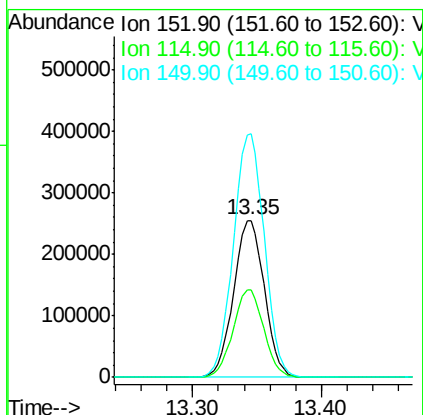
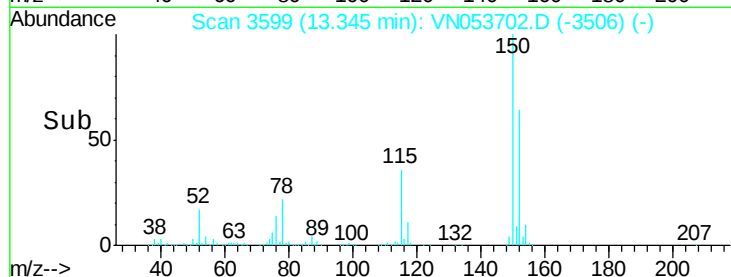
150 156.4 0.0 349.0



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: 3.779 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053702.D

Acq: 11 Feb 2019 14:06

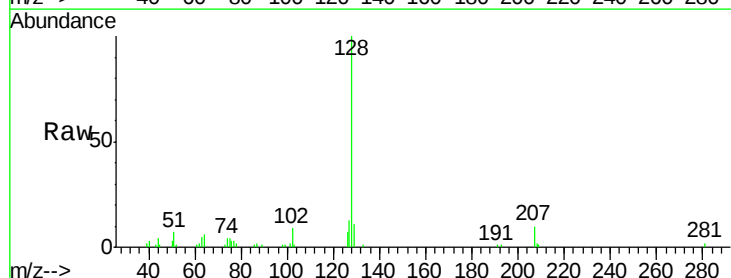
Tgt Ion:128 Resp: 39267

Ion Ratio Lower Upper

128 100

127 12.0 10.3 15.5

129 10.7 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

