

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011519\
 Data File : VN053407.D
 Acq On : 15 Jan 2019 14:54
 Operator : JC/SP
 Sample : K1139-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 S-6

Quant Time: Jan 16 04:06:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 15 11:52:35 2019
 Response via : Initial Calibration

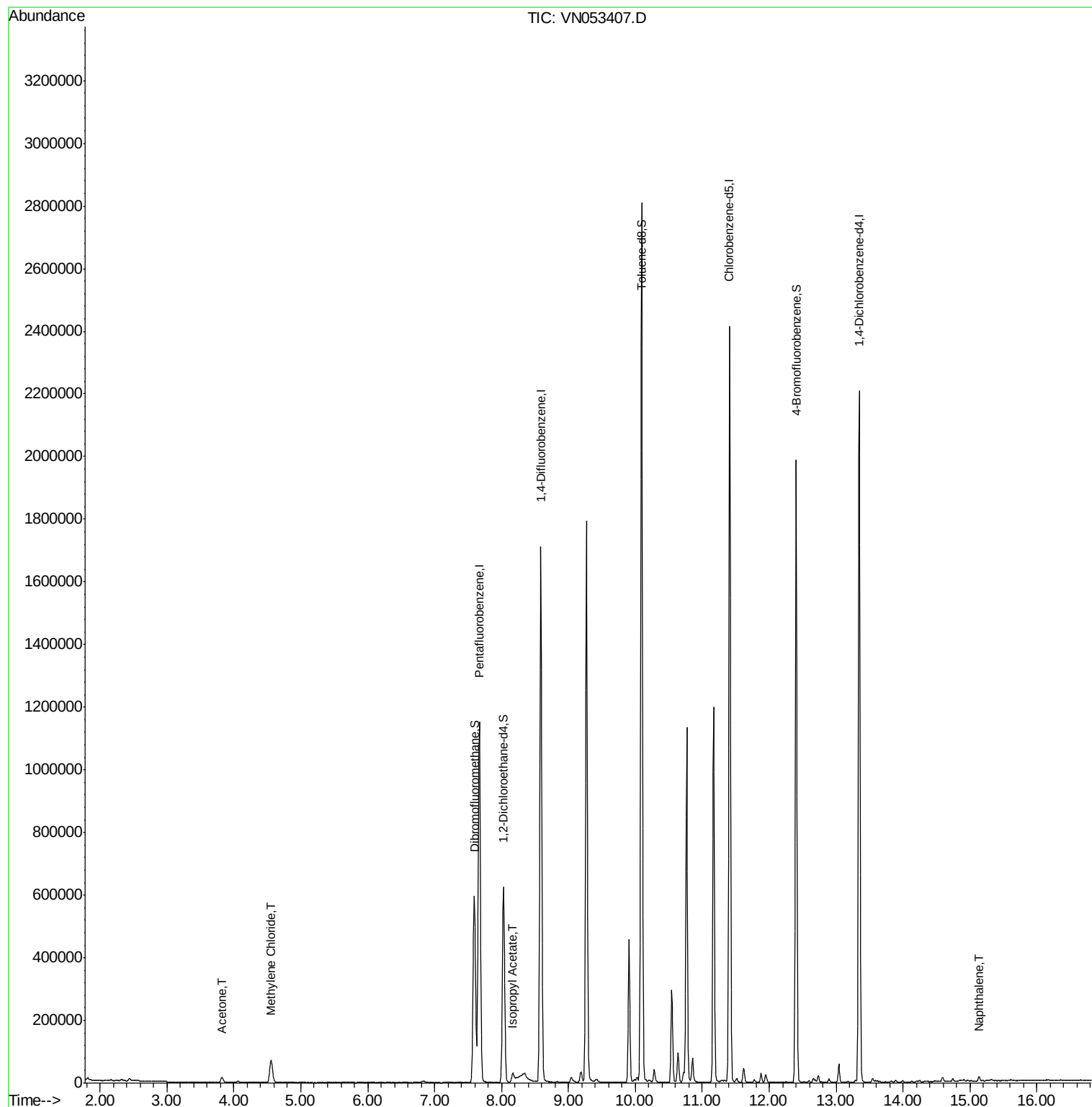
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1018862	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1584168	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1497353	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	646021	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	519301	51.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.14%	
35) Dibromofluoromethane	7.59	113	463130	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.46%	
50) Toluene-d8	10.09	98	1981978	51.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.68%	
62) 4-Bromofluorobenzene	12.40	95	685857	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.30%	
Target Compounds						
16) Acetone	3.82	43	28434	12.034	ug/l	92
20) Methylene Chloride	4.55	84	55114	5.109	ug/l	95
43) Isopropyl Acetate	8.17	43	43051	2.762	ug/l #	81
95) Naphthalene	15.13	128	13366	4.727	ug/l	98

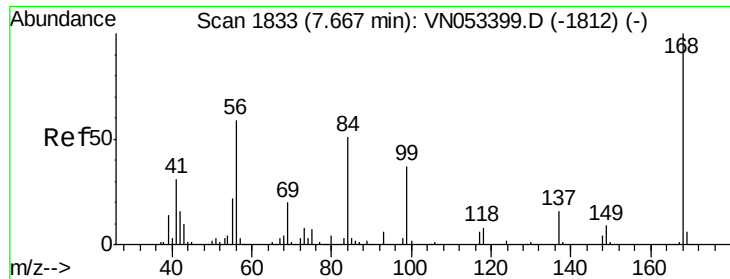
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN011519\
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Quant Time: Jan 16 04:06:36 2019
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Quant Title : SW846 8260
QLast Update : Tue Jan 15 11:52:35 2019
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: VN053407.D

Acq: 15 Jan 2019 14:54

Instrument :

MSVOA_N

ClientSampled :

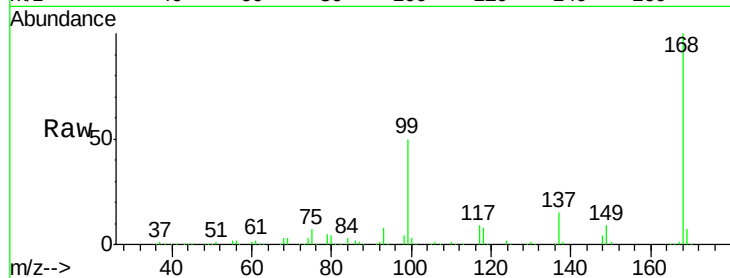
S-6

Tot Ion:168 Resp: 1018862

Ion Ratio Lower Upper

168 100

99 49.5 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053399.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN053399.D (-1812) (-)

7.67

400000

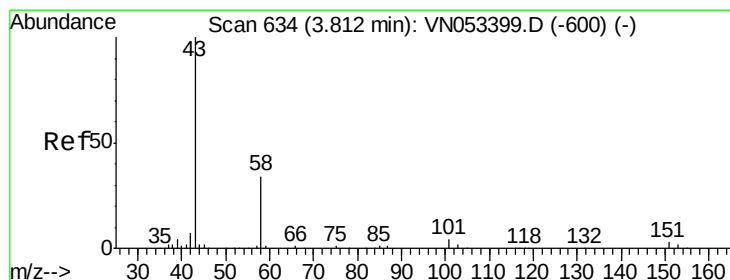
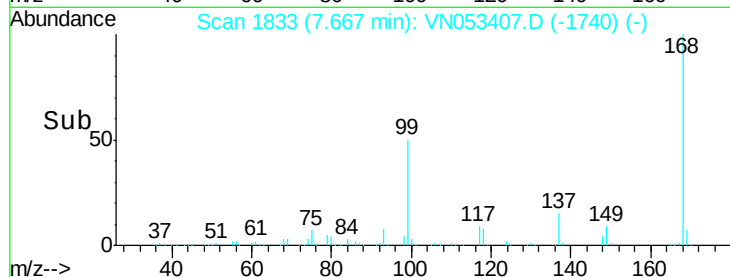
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 12.034 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053407.D

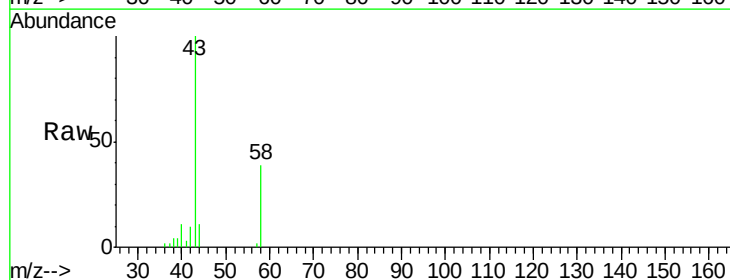
Acq: 15 Jan 2019 14:54

Tgt Ion: 43 Resp: 28434

Ion Ratio Lower Upper

43 100

58 39.3 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN053399.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN053399.D (-600) (-)

3.82

10000

8000

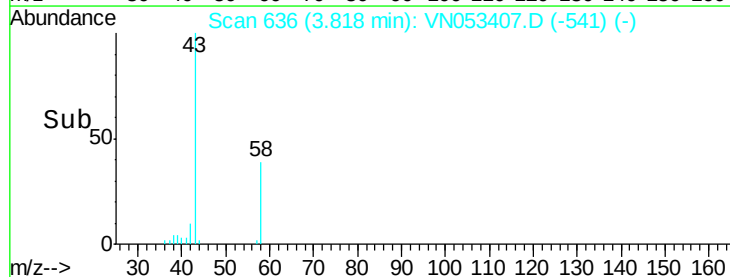
6000

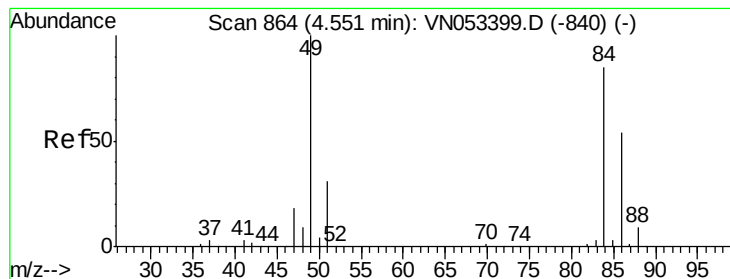
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 5.109 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN053407.D

Acq: 15 Jan 2019 14:54

Instrument :
MSVOA_N
ClientSampled :
S-6

Tot Ion: 84 Resp: 55114

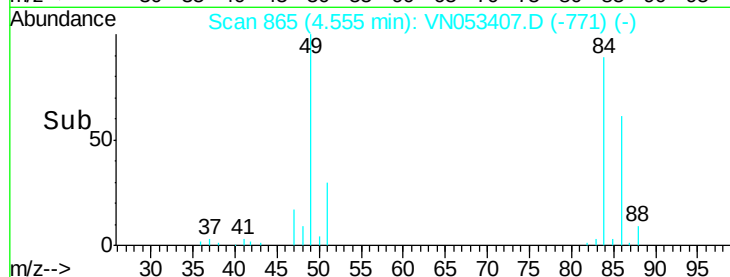
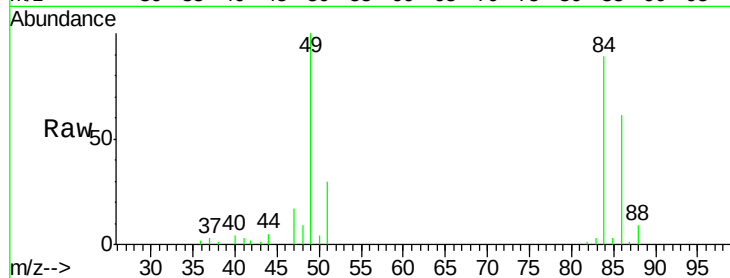
Ion Ratio Lower Upper

84 100

49 112.1 95.3 142.9

51 33.7 29.0 43.6

86 67.8 51.7 77.5

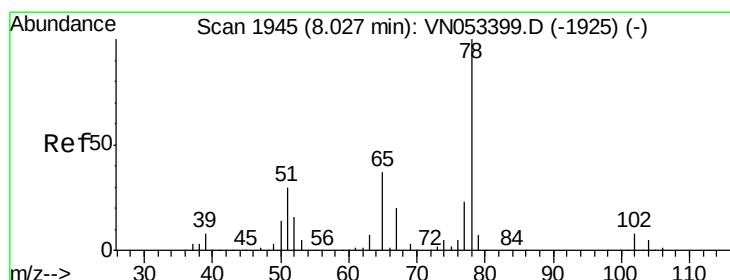
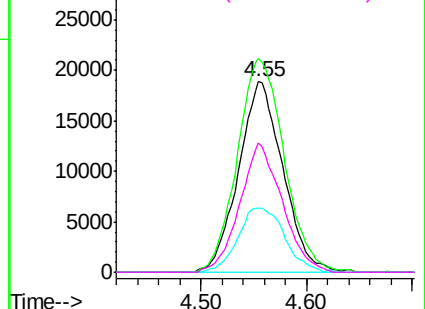


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN053407.D

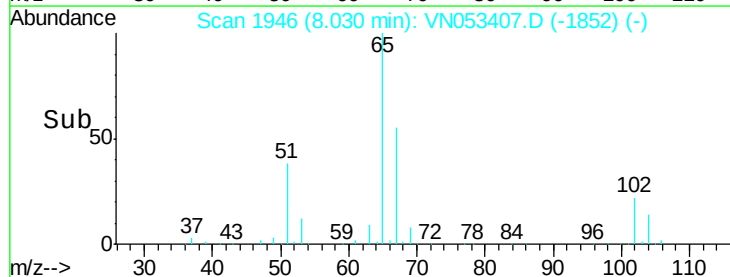
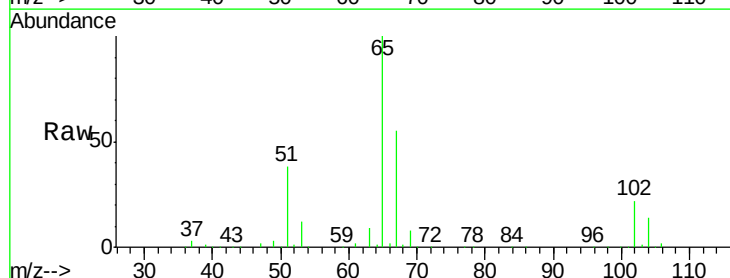
Acq: 15 Jan 2019 14:54

Tgt Ion: 65 Resp: 519301

Ion Ratio Lower Upper

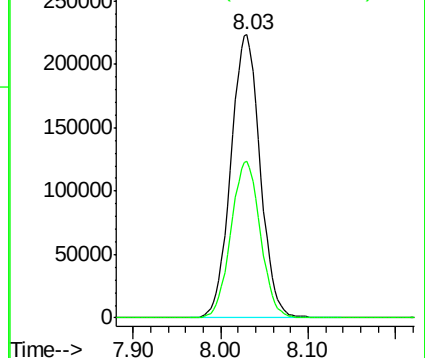
65 100

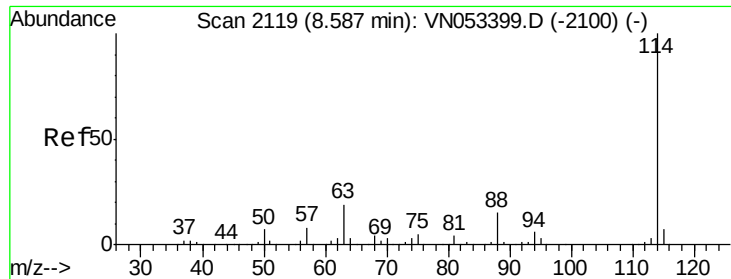
67 55.5 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

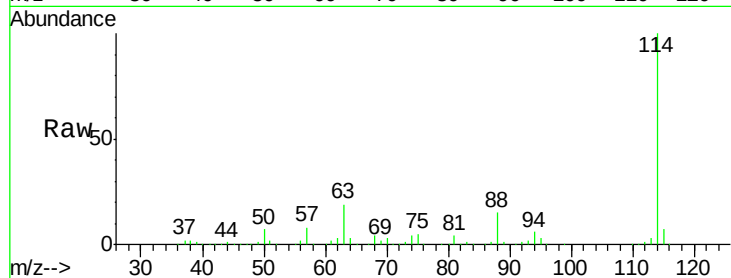




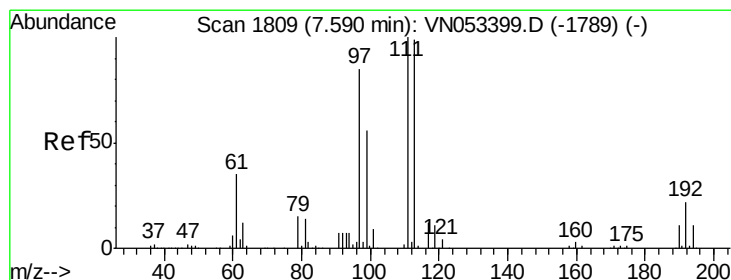
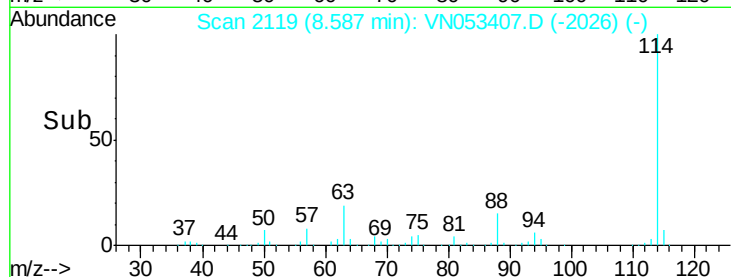
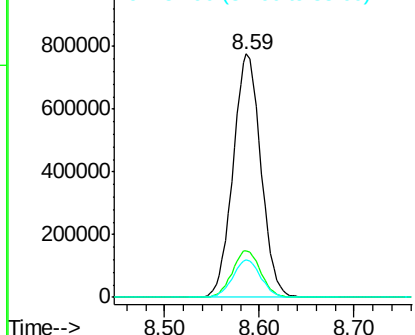
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053407.D
 Acq: 15 Jan 2019 14:54

Instrument :
 MSVOA_N
 ClientSampled :
 S-6

Tot Ion:114 Resp: 1584168
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.0
 88 15.4 0.0 30.8

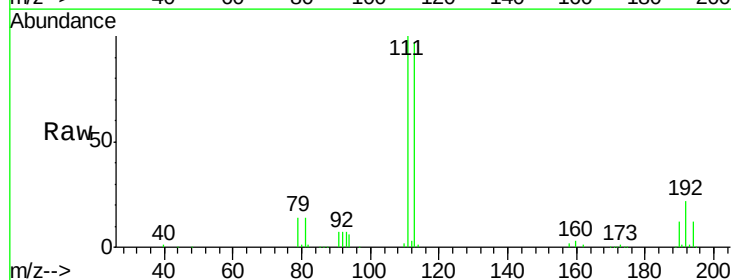


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

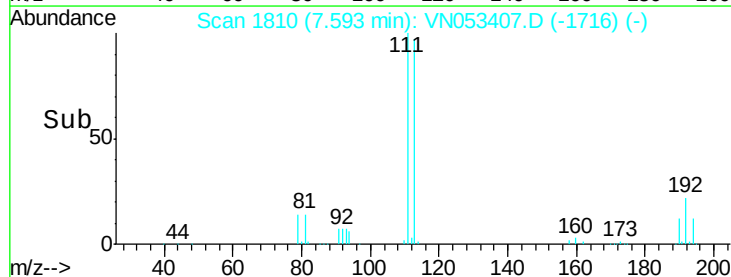
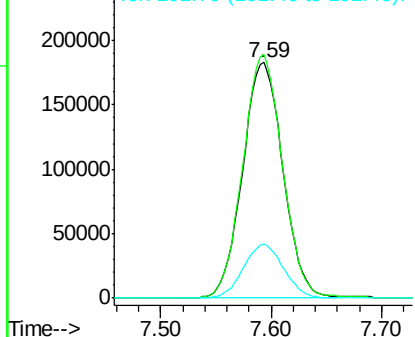


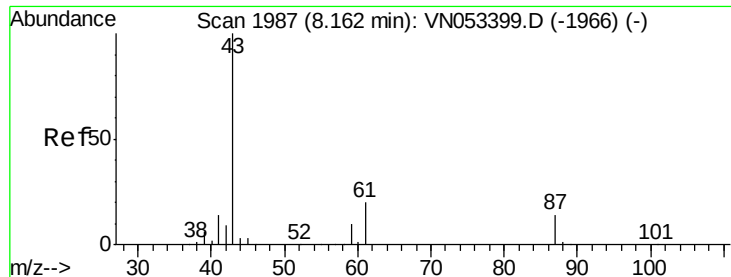
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053407.D
 Acq: 15 Jan 2019 14:54

Tgt Ion:113 Resp: 463130
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.4 122.2
 192 22.8 17.9 26.9



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: 2.762 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053407.D

Acq: 15 Jan 2019 14:54

Instrument :

MSVOA_N

ClientSampleId :

S-6

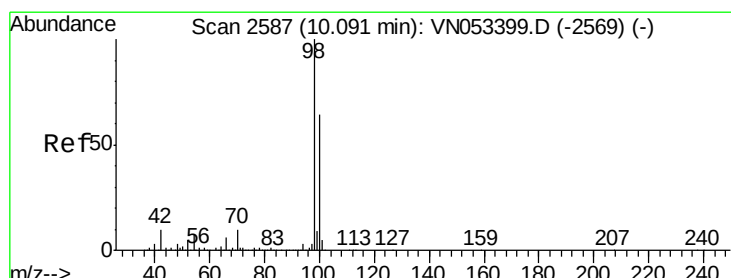
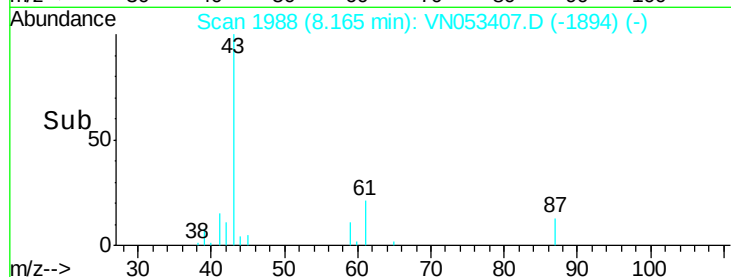
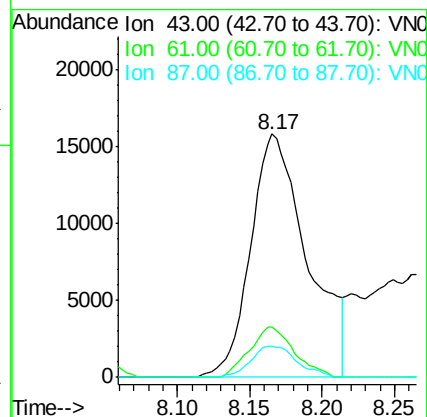
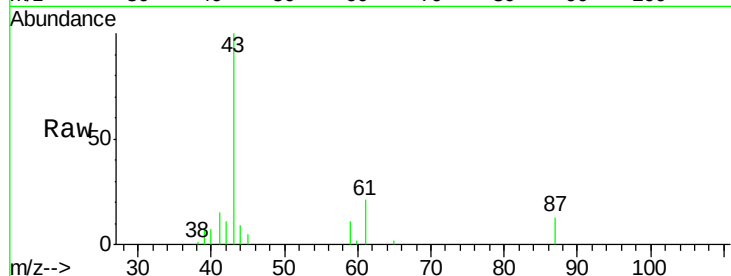
Tot Ion: 43 Resp: 43051

Ion Ratio Lower Upper

43 100

61 16.3 23.3 34.9#

87 10.4 10.8 16.2#



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053407.D

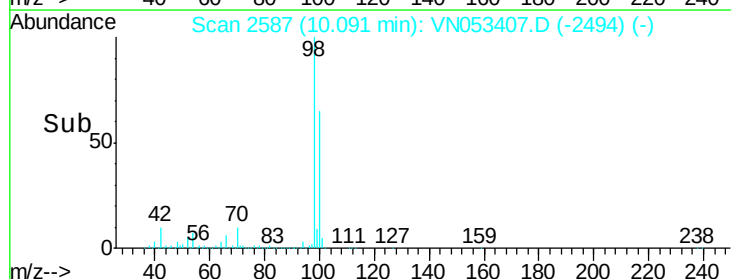
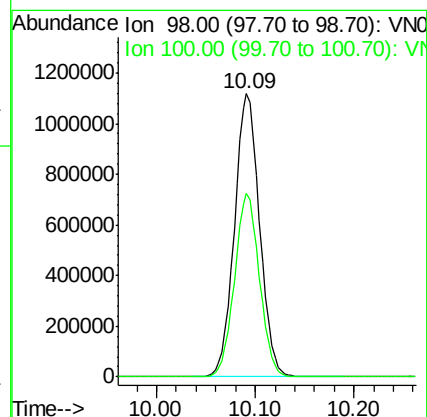
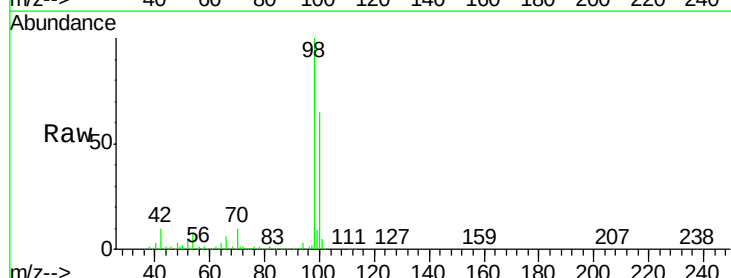
Acq: 15 Jan 2019 14:54

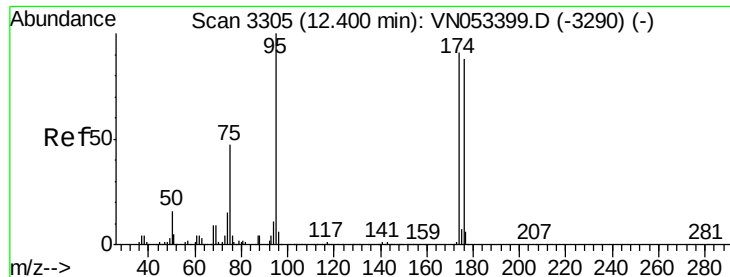
Tgt Ion: 98 Resp: 1981978

Ion Ratio Lower Upper

98 100

100 64.2 51.5 77.3





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053407.D

Acq: 15 Jan 2019 14:54

Instrument :

MSVOA_N

ClientSampled :

S-6

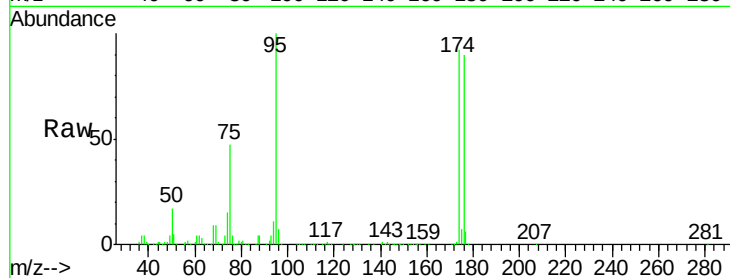
Tot Ion: 95 Resp: 685857

Ion Ratio Lower Upper

95 100

174 91.2 0.0 180.4

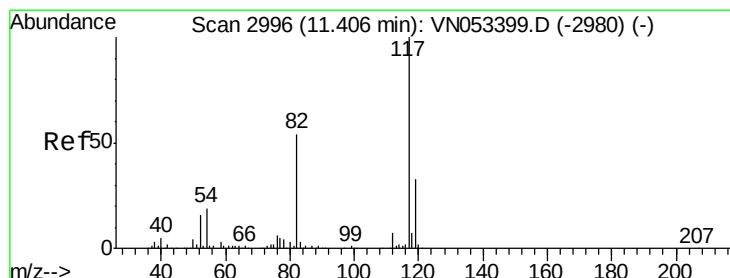
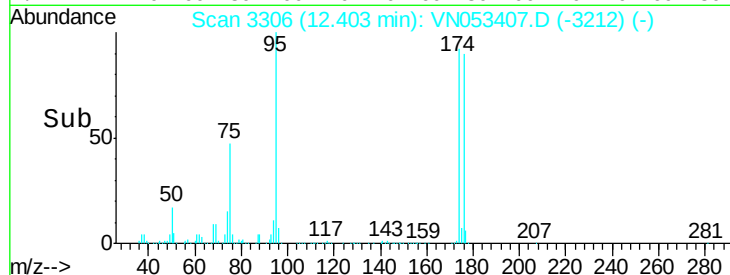
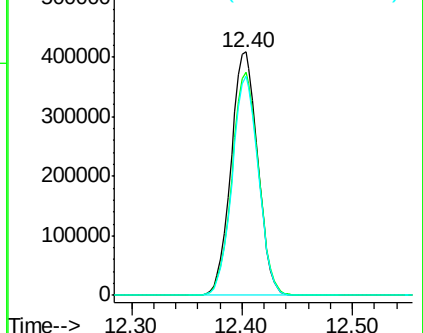
176 88.4 0.0 175.6



Abundance Ion 94.90 (94.60 to 95.60): VN

Ion 173.80 (173.50 to 174.50): VN

Ion 175.80 (175.50 to 176.50): VN



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053407.D

Acq: 15 Jan 2019 14:54

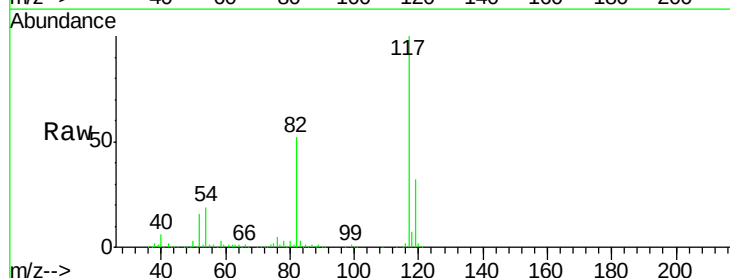
Tgt Ion: 117 Resp: 1497353

Ion Ratio Lower Upper

117 100

82 52.5 42.9 64.3

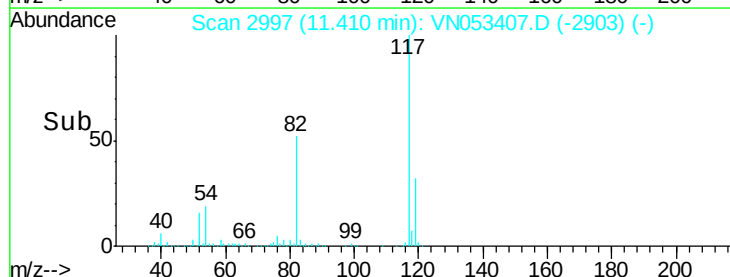
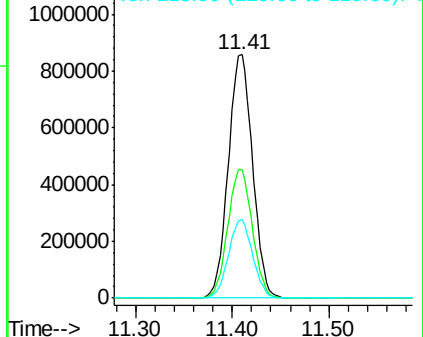
119 32.1 25.6 38.4

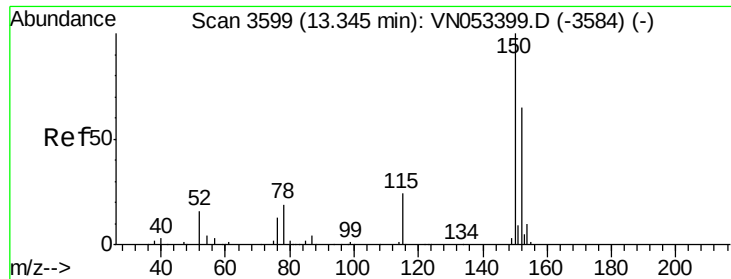


Abundance Ion 116.90 (116.60 to 117.60): VN

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): VN





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053407.D

Acq: 15 Jan 2019 14:54

Instrument :

MSVOA_N

ClientSampled :

S-6

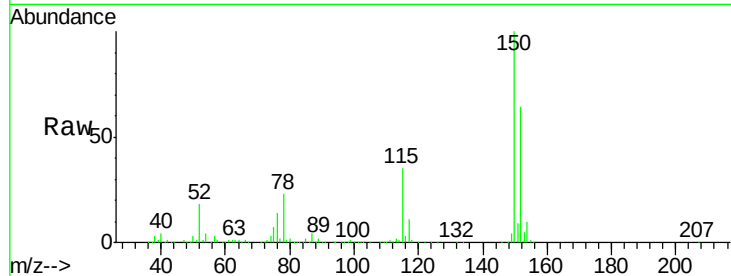
Tot Ion:152 Resp: 646021

Ion Ratio Lower Upper

152 100

115 55.8 28.0 84.0

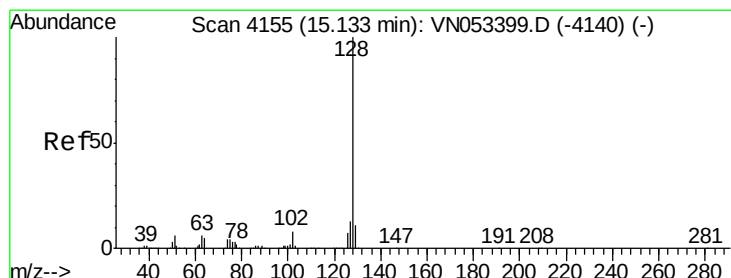
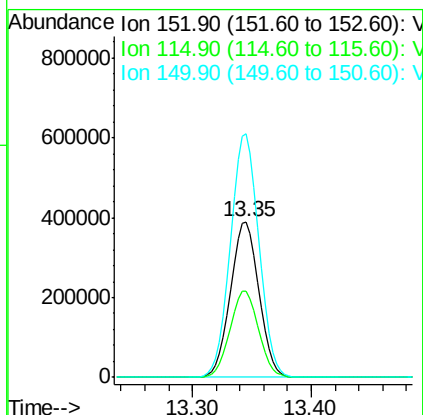
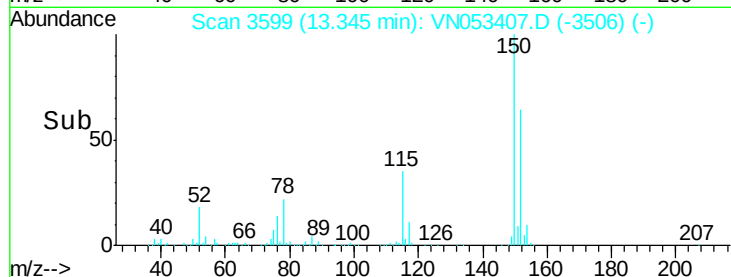
150 156.4 0.0 346.6



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: 4.727 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053407.D

Acq: 15 Jan 2019 14:54

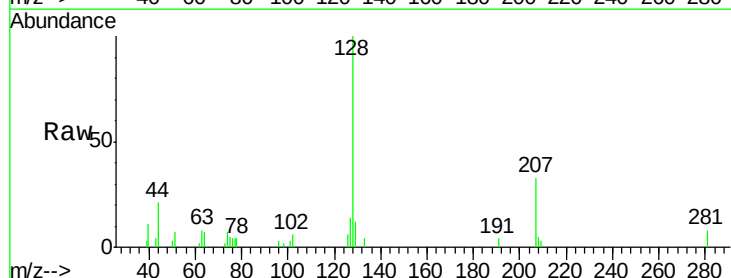
Tgt Ion:128 Resp: 13366

Ion Ratio Lower Upper

128 100

127 12.4 10.4 15.6

129 10.0 8.7 13.1



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

