

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011519\
 Data File : VN053408.D
 Acq On : 15 Jan 2019 15:21
 Operator : JC/SP
 Sample : K1139-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 S-7

Quant Time: Jan 16 04:09:23 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

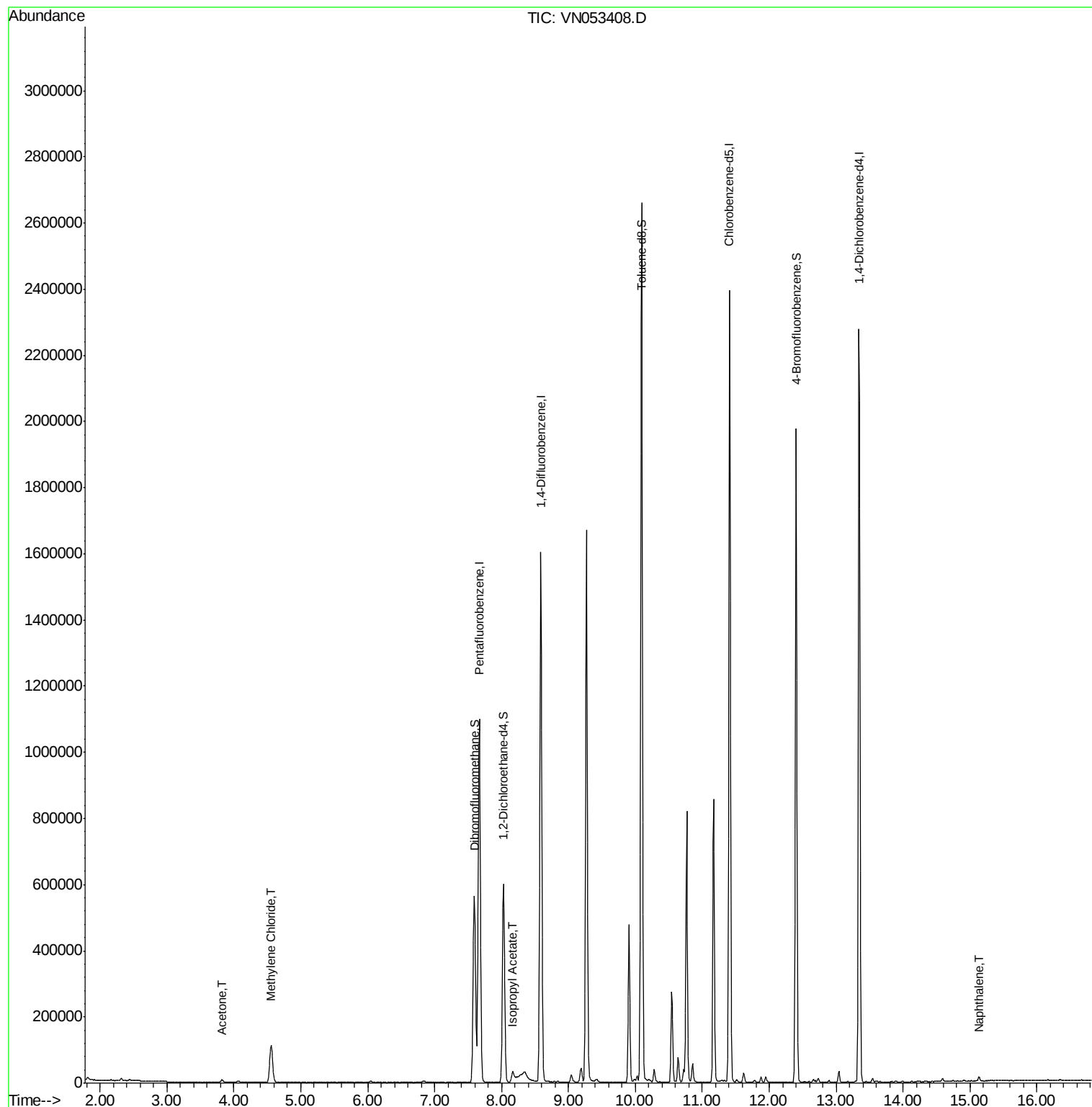
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	970000	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1518714	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1456080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	658316	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	495854	51.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.44%	
35) Dibromofluoromethane	7.59	113	441376	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
50) Toluene-d8	10.09	98	1909623	52.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.20%	
62) 4-Bromofluorobenzene	12.40	95	679459	52.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.72%	
Target Compounds						
16) Acetone	3.82	43	15677	6.969	ug/l	90
20) Methylene Chloride	4.56	84	89241	8.690	ug/l	97
43) Isopropyl Acetate	8.17	43	48487	3.245	ug/l #	83
95) Naphthalene	15.13	128	11122	4.583	ug/l	95

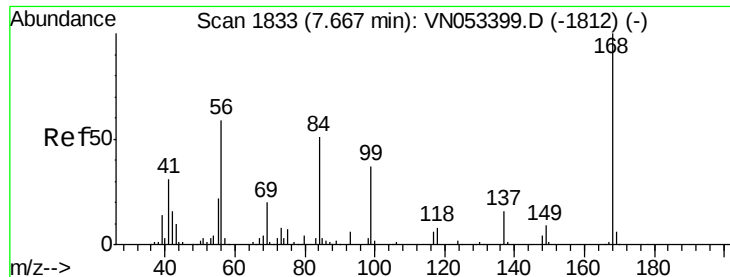
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN011519\
Data File : VN053408.D
Acq On : 15 Jan 2019 15:21
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Misc : 5.00mL/MSVOA N/WATER
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Instrument :
MSVOA_N
ClientSampleId :
S-7

Quant Time: Jan 16 04:09:23 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
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: VN053408.D

Acq: 15 Jan 2019 15:21

Instrument :

MSVOA_N

ClientSampled :

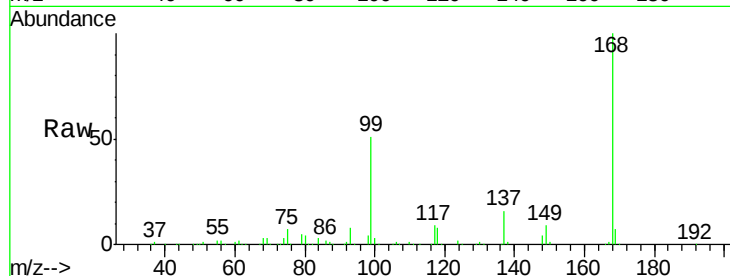
S-7

Tot Ion:168 Resp: 970000

Ion Ratio Lower Upper

168 100

99 50.6 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

400000

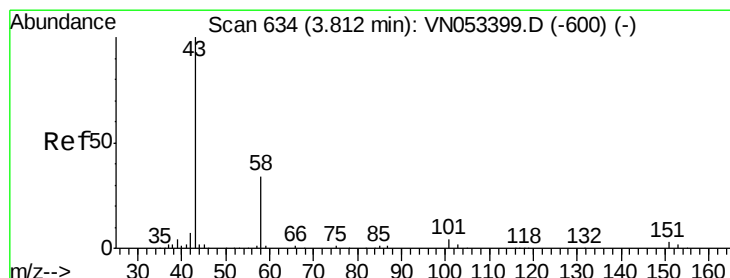
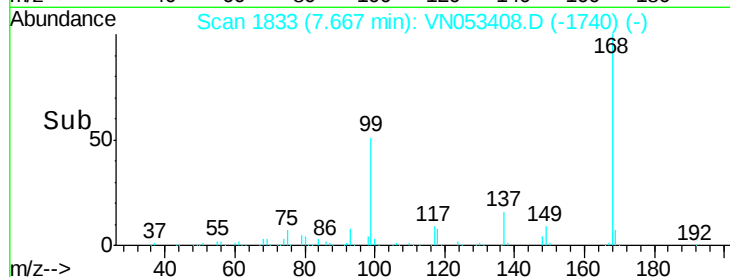
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 6.969 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053408.D

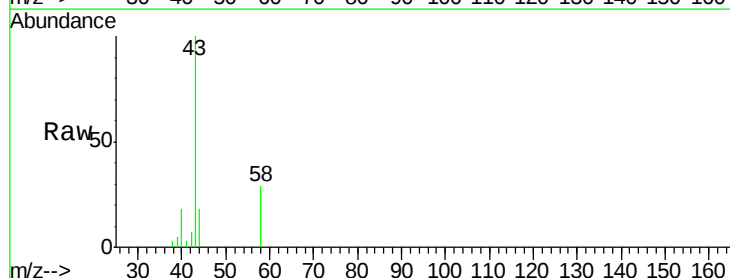
Acq: 15 Jan 2019 15:21

Tgt Ion: 43 Resp: 15677

Ion Ratio Lower Upper

43 100

58 29.1 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

6000

5000

4000

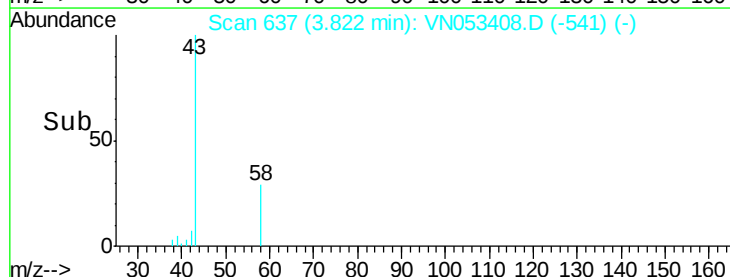
3000

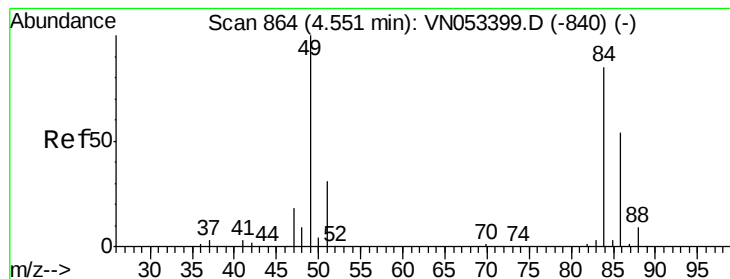
2000

1000

0

Time-->





#20

Methylene Chloride

Concen: 8.690 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.01 min

Lab File: VN053408.D

Acq: 15 Jan 2019 15:21

Instrument :

MSVOA_N

ClientSampled :

S-7

Tot Ion: 84 Resp: 89241

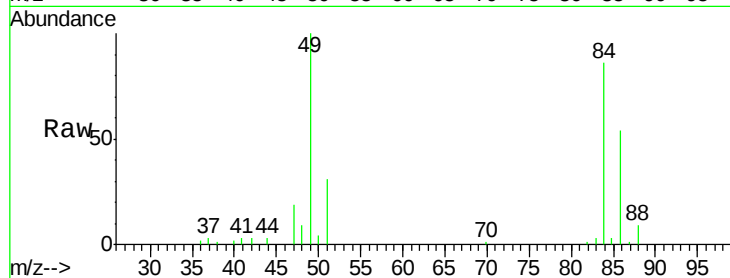
Ion Ratio Lower Upper

84 100

49 115.8 95.3 142.9

51 36.4 29.0 43.6

86 62.0 51.7 77.5

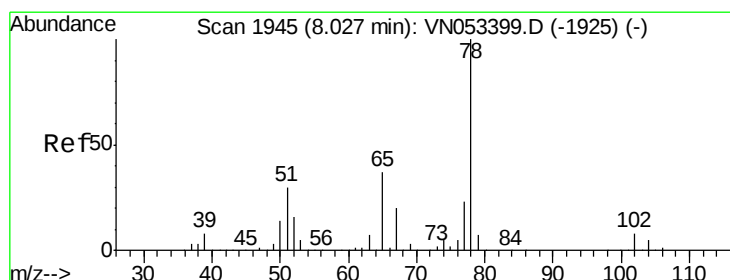
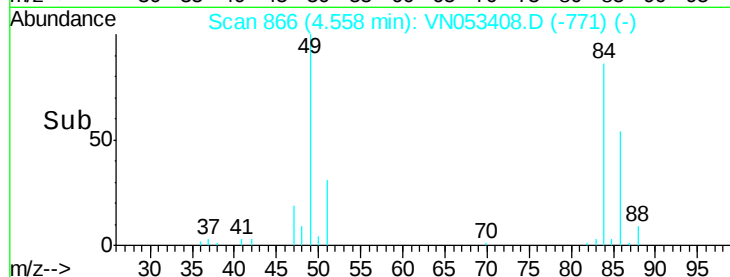
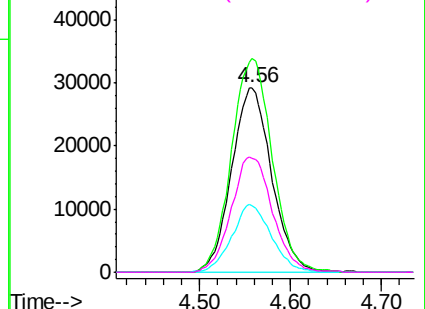


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053408.D

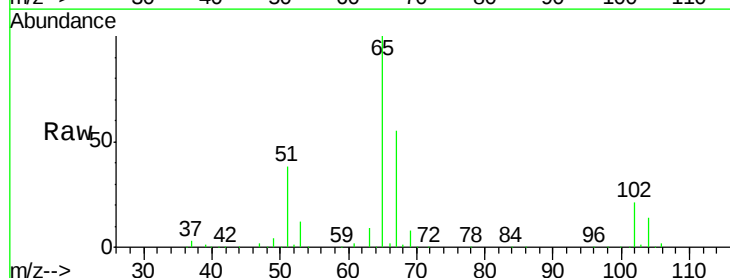
Acq: 15 Jan 2019 15:21

Tgt Ion: 65 Resp: 495854

Ion Ratio Lower Upper

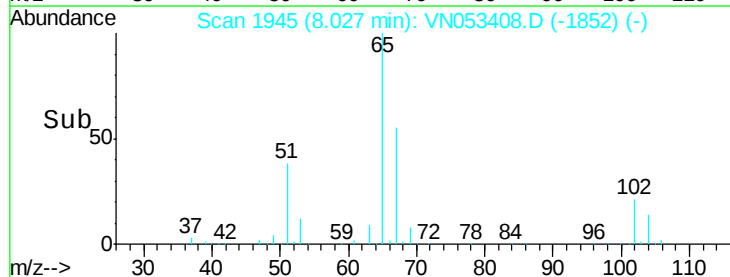
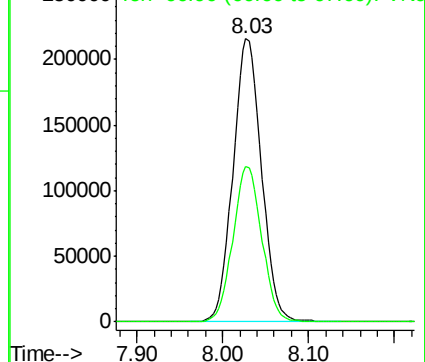
65 100

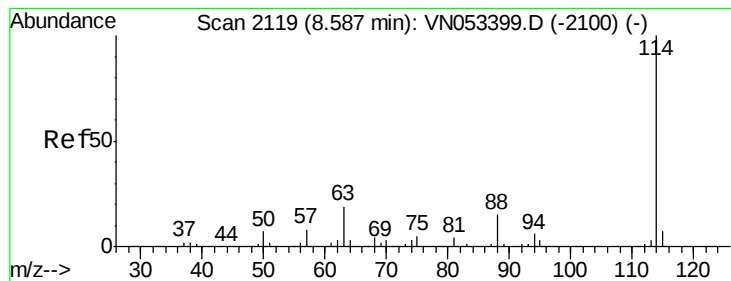
67 55.4 0.0 111.0



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: VN053408.D

Acq: 15 Jan 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

S-7

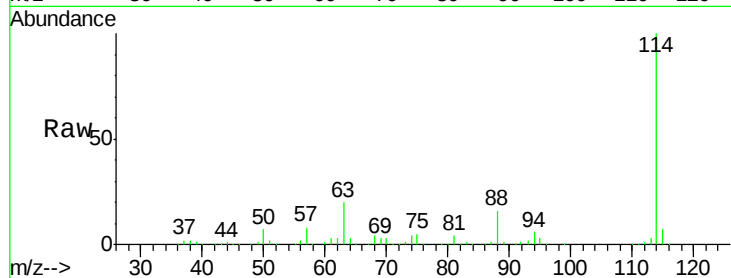
Tot Ion:114 Resp: 1518714

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.0

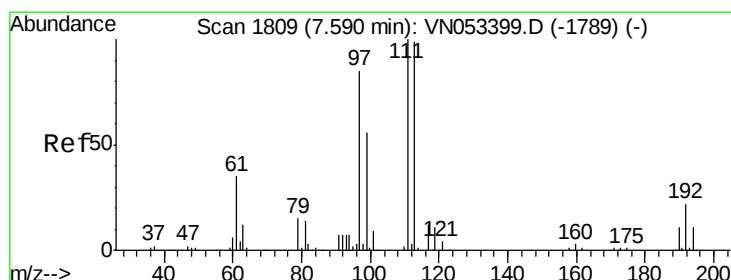
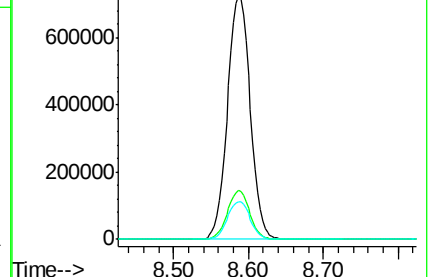
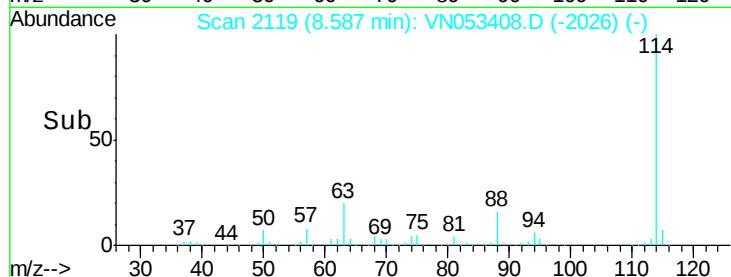
88 15.5 0.0 30.8



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: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053408.D

Acq: 15 Jan 2019 15:21

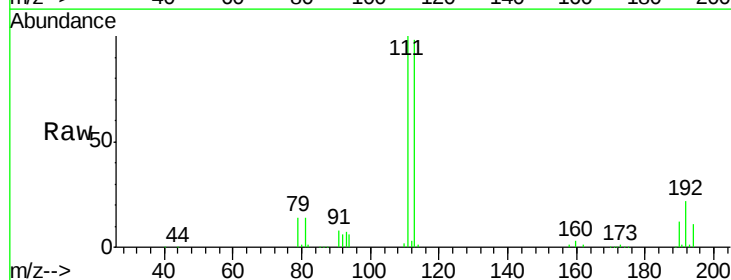
Tgt Ion:113 Resp: 441376

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.2

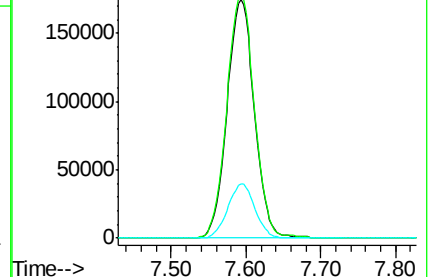
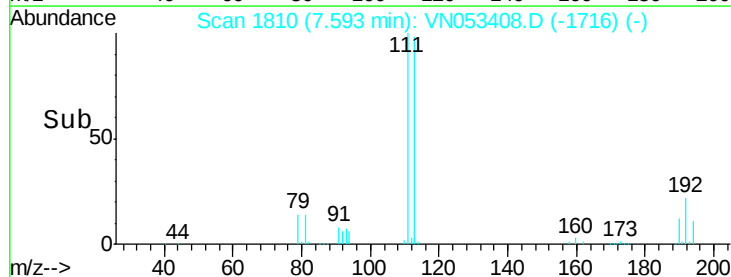
192 22.6 17.9 26.9

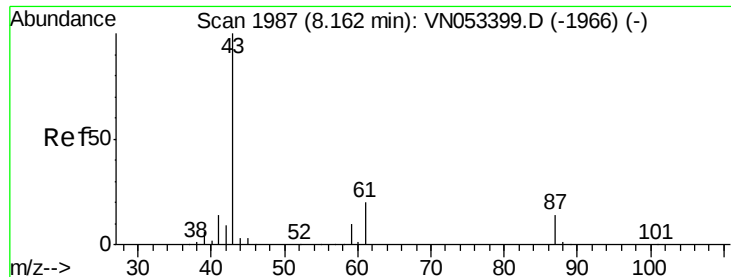


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.245 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053408.D

Acq: 15 Jan 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

S-7

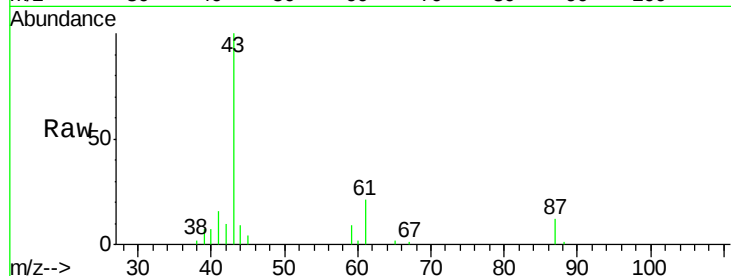
Tot Ion: 43 Resp: 48487

Ion Ratio Lower Upper

43 100

61 17.1 23.3 34.9#

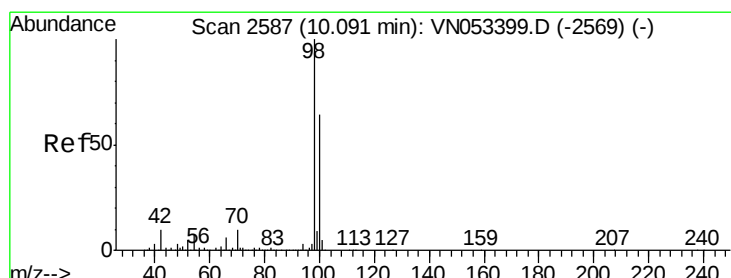
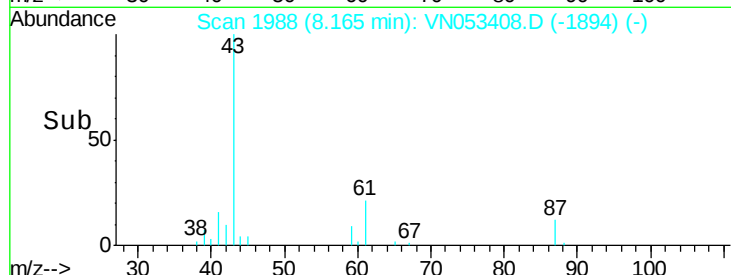
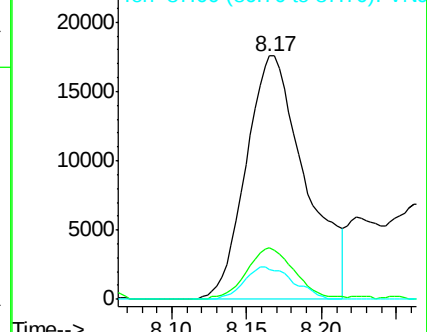
87 10.9 10.8 16.2



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: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053408.D

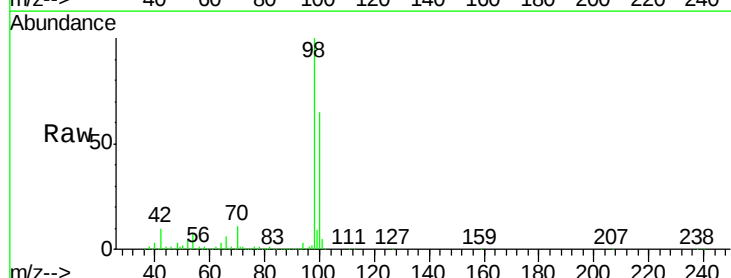
Acq: 15 Jan 2019 15:21

Tgt Ion: 98 Resp: 1909623

Ion Ratio Lower Upper

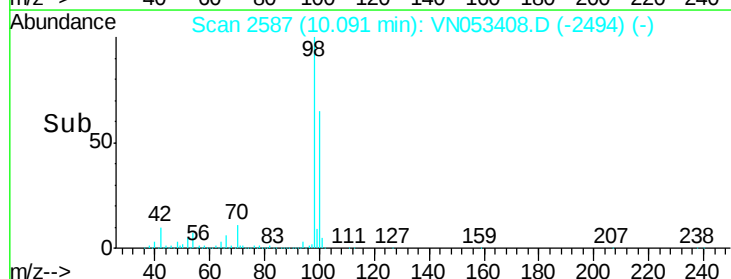
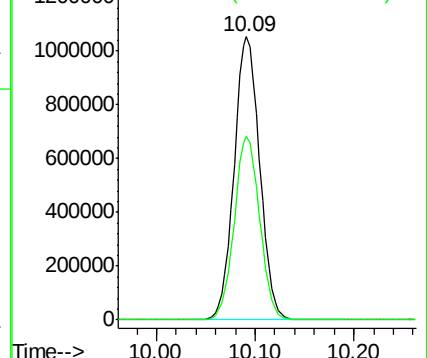
98 100

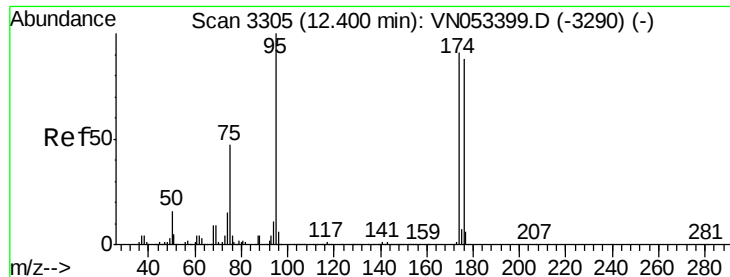
100 64.3 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053408.D

Acq: 15 Jan 2019 15:21

Instrument :

MSVOA_N

ClientSampled :

S-7

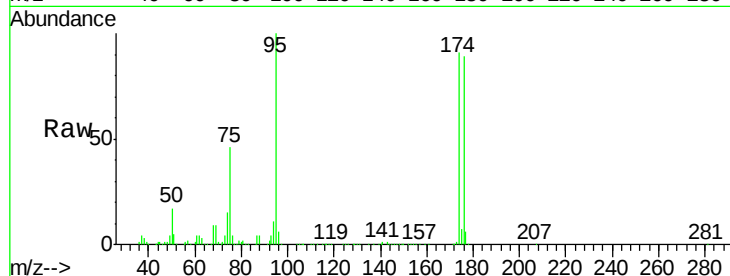
Tot Ion: 95 Resp: 679459

Ion Ratio Lower Upper

95 100

174 90.8 0.0 180.4

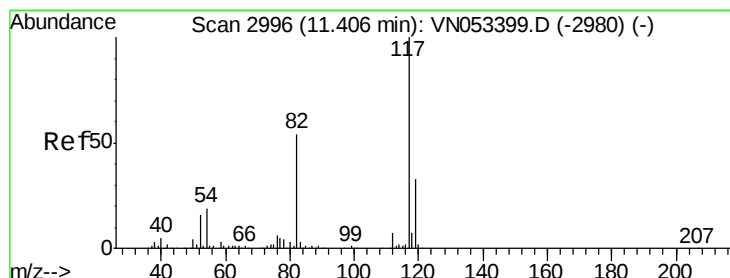
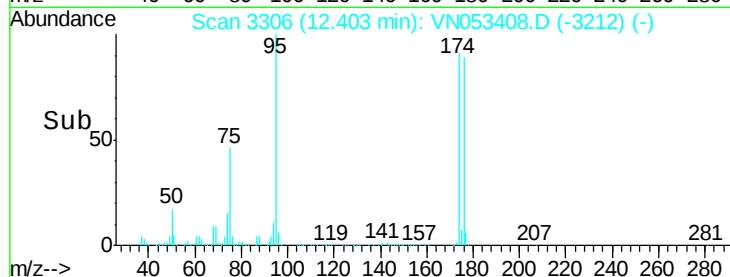
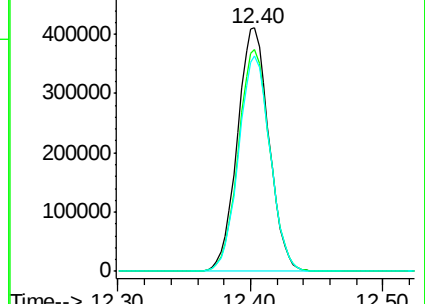
176 88.4 0.0 175.6



Abundance Ion 94.90 (94.60 to 95.60): VN053399.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN053399.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN053399.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053408.D

Acq: 15 Jan 2019 15:21

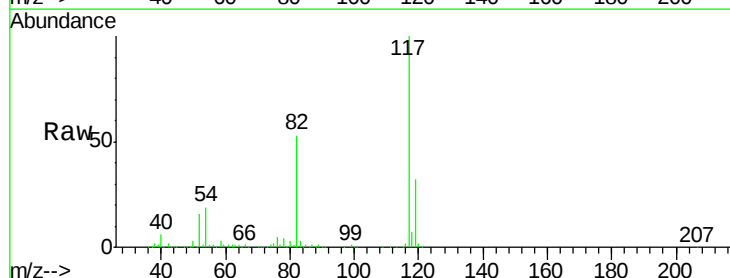
Tgt Ion: 117 Resp: 1456080

Ion Ratio Lower Upper

117 100

82 53.3 42.9 64.3

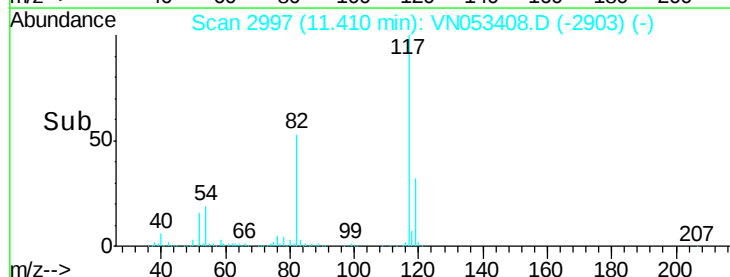
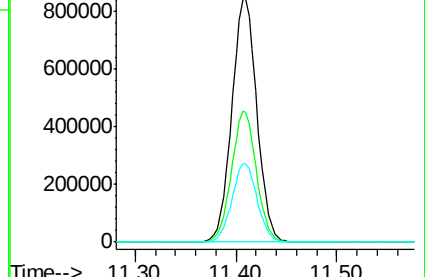
119 32.4 25.6 38.4

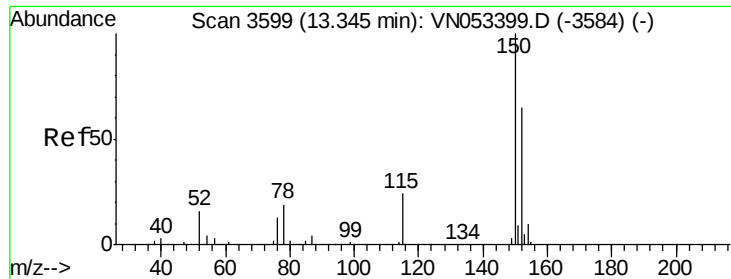


Abundance Ion 116.90 (116.60 to 117.60): VN053399.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053399.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053399.D (-2980) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053408.D

Acq: 15 Jan 2019 15:21

Instrument :

MSVOA_N

ClientSampled :

S-7

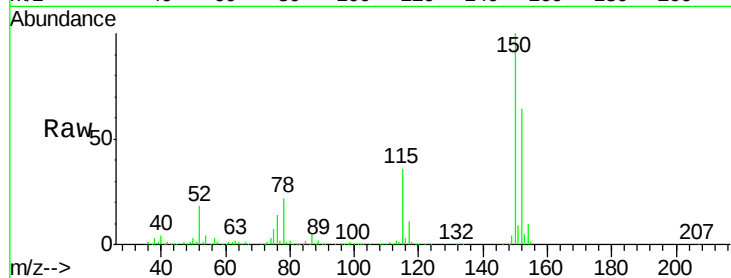
Tot Ion:152 Resp: 658316

Ion Ratio Lower Upper

152 100

115 55.7 28.0 84.0

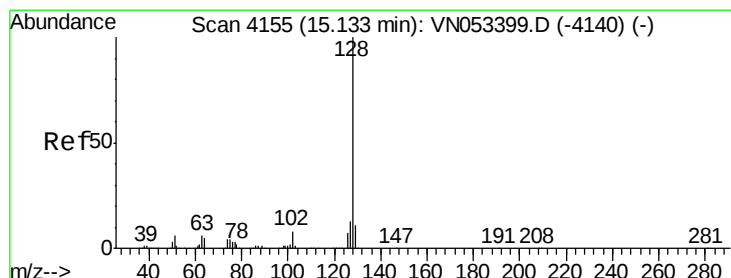
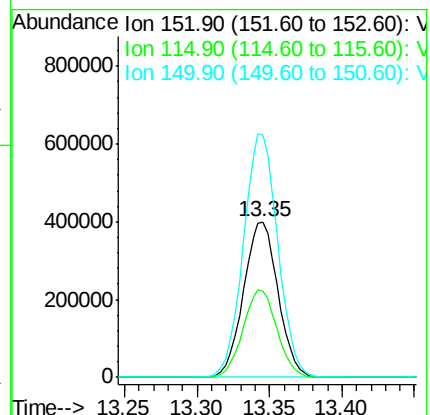
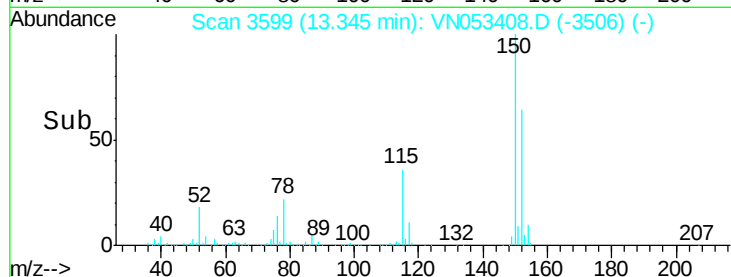
150 156.6 0.0 346.6



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: 4.583 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053408.D

Acq: 15 Jan 2019 15:21

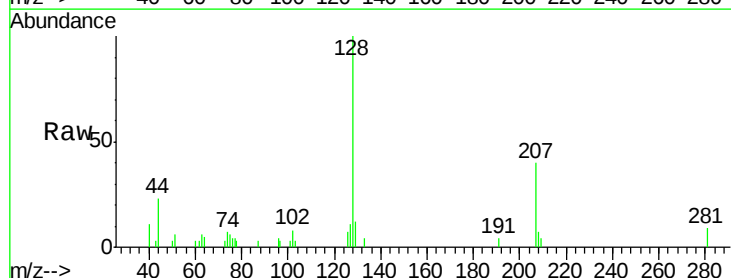
Tgt Ion:128 Resp: 11122

Ion Ratio Lower Upper

128 100

127 10.6 10.4 15.6

129 9.5 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

