

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011519\
 Data File : VN053410.D
 Acq On : 15 Jan 2019 16:14
 Operator : JC/SP
 Sample : K1139-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 S-9

Quant Time: Jan 16 04:13:53 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

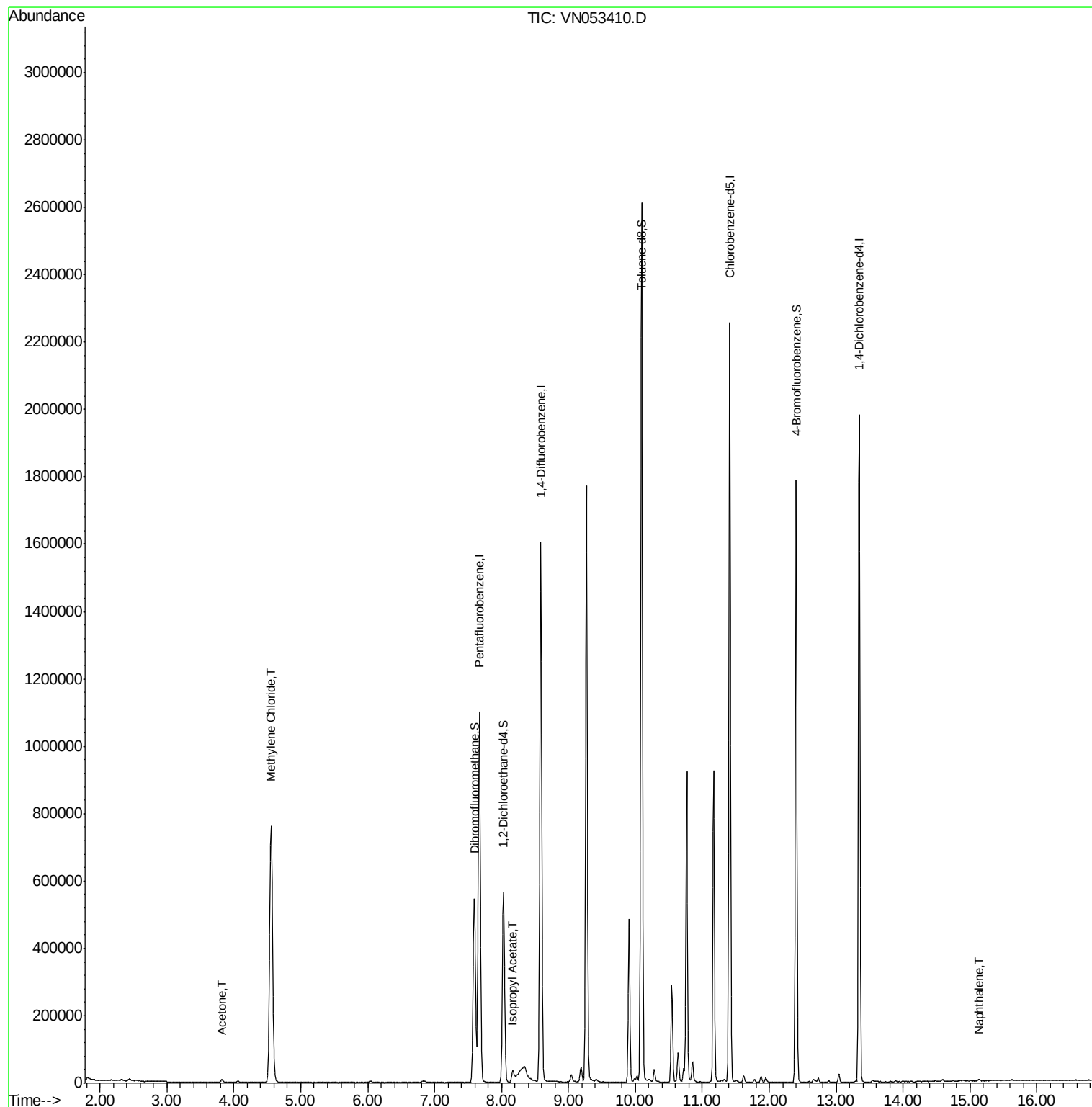
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	980794	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1507906	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1370282	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	579494	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	466093	48.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.16%	
35) Dibromofluoromethane	7.59	113	420379	48.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.70%	
50) Toluene-d8	10.09	98	1861751	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.30%	
62) 4-Bromofluorobenzene	12.40	95	619197	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
Target Compounds						
16) Acetone	3.82	43	15208	6.686	ug/l	99
20) Methylene Chloride	4.56	84	599058	57.691	ug/l	99
43) Isopropyl Acetate	8.17	43	51059	3.442	ug/l #	83
95) Naphthalene	15.13	128	5450	4.297	ug/l #	92

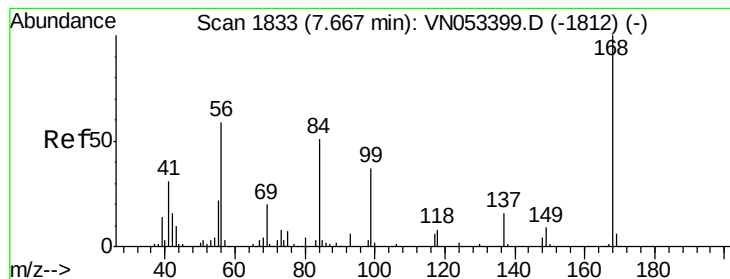
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jan 15 11:52:35 2019
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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: VN053410.D

Acq: 15 Jan 2019 16:14

Instrument :

MSVOA_N

ClientSampled :

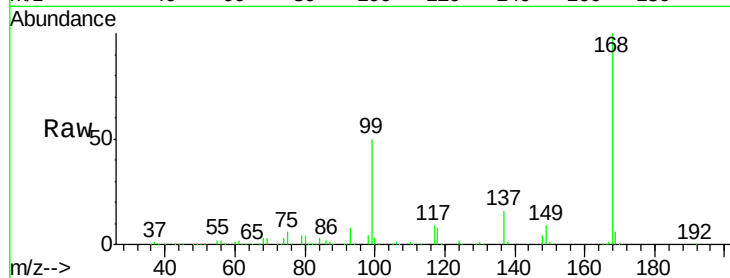
S-9

Tot Ion:168 Resp: 980794

Ion Ratio Lower Upper

168 100

99 49.8 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

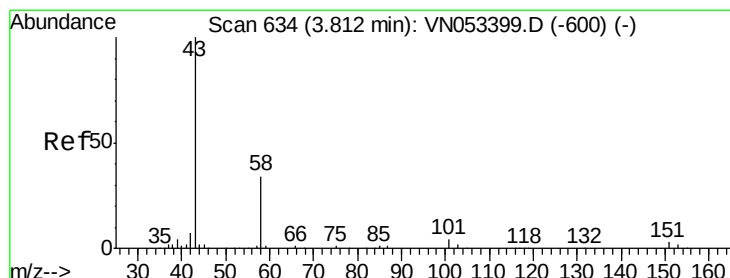
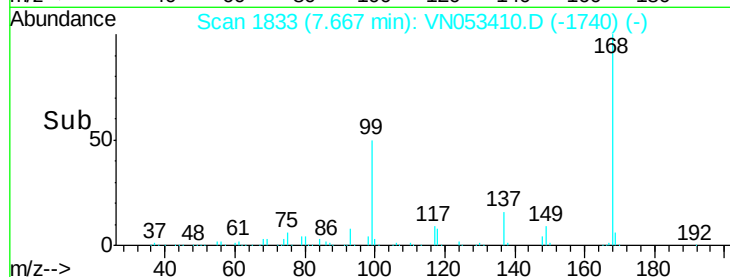
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 6.686 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053410.D

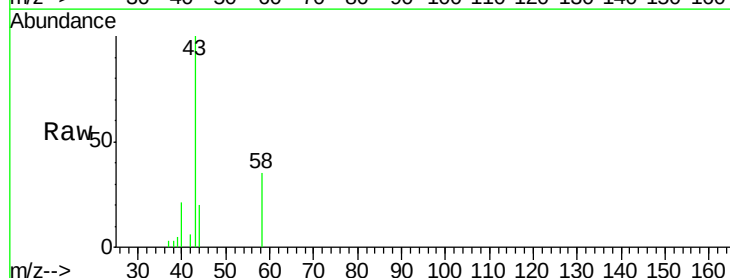
Acq: 15 Jan 2019 16:14

Tgt Ion: 43 Resp: 15208

Ion Ratio Lower Upper

43 100

58 35.2 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

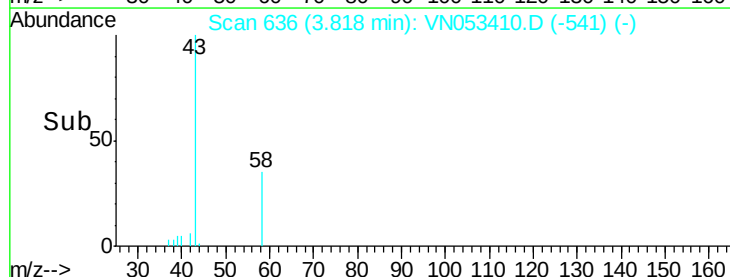
3000

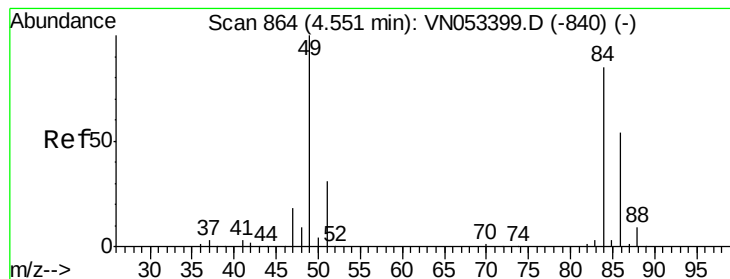
2000

1000

0

Time-->





#20

Methylene Chloride

Concen: 57.691 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.01 min

Lab File: VN053410.D

Acq: 15 Jan 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

S-9

Tot Ion: 84 Resp: 599058

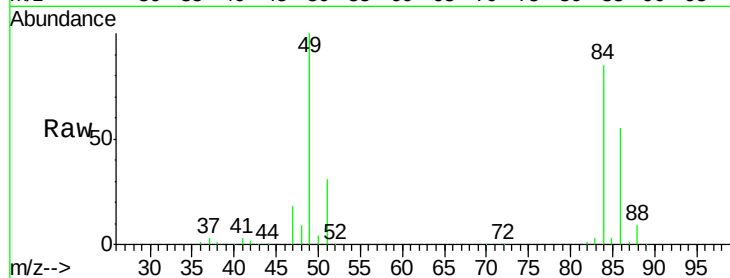
Ion Ratio Lower Upper

84 100

49 118.3 95.3 142.9

51 36.8 29.0 43.6

86 65.6 51.7 77.5

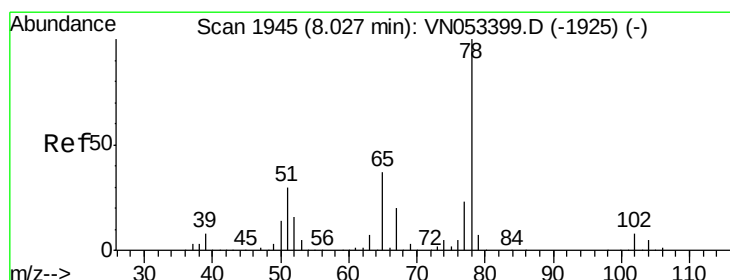
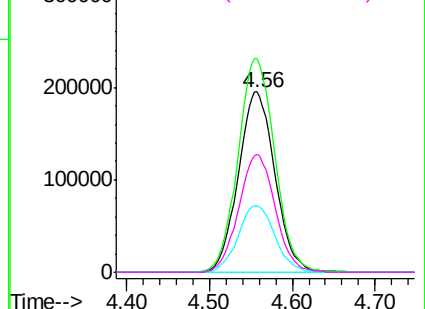
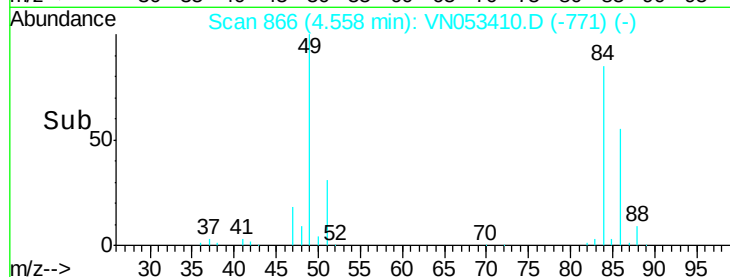


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: VN053410.D

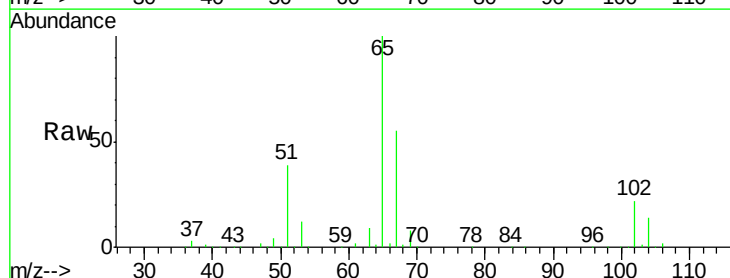
Acq: 15 Jan 2019 16:14

Tgt Ion: 65 Resp: 466093

Ion Ratio Lower Upper

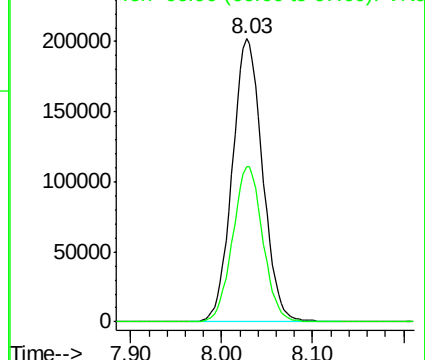
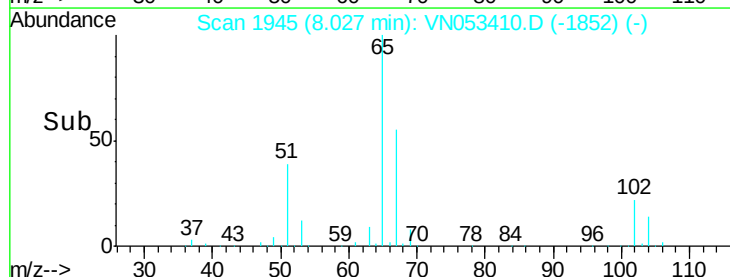
65 100

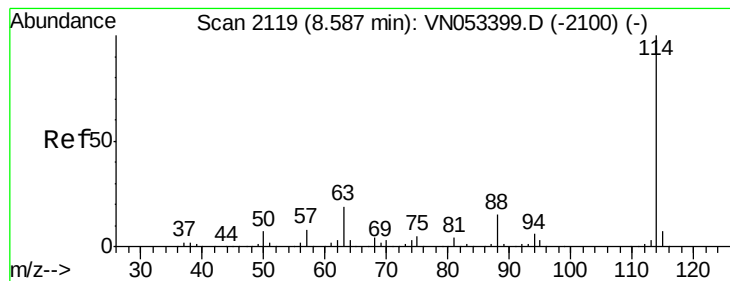
67 54.9 0.0 111.0



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: VN053410.D

Acq: 15 Jan 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

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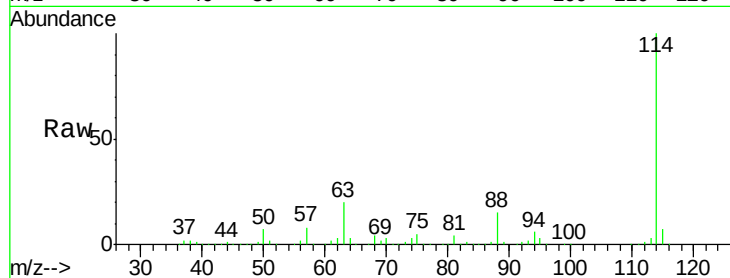
Tot Ion:114 Resp: 1507906

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.0

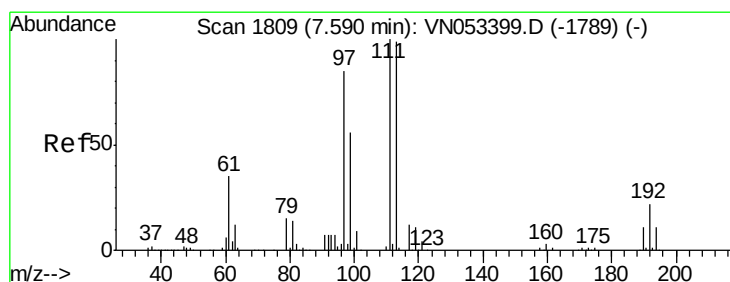
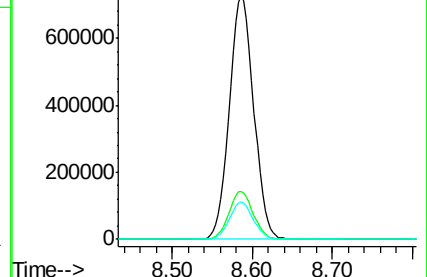
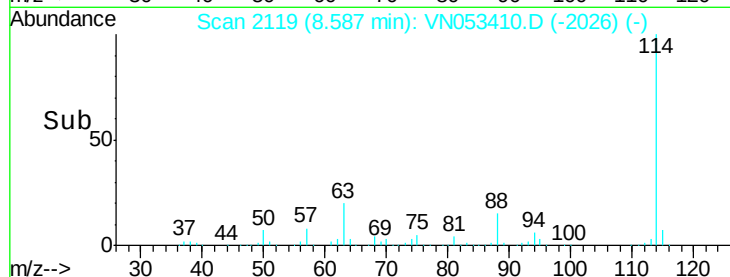
88 15.5 0.0 30.8



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: VN053410.D

Acq: 15 Jan 2019 16:14

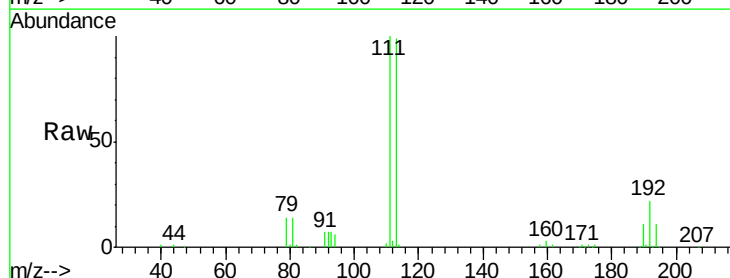
Tgt Ion:113 Resp: 420379

Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.2

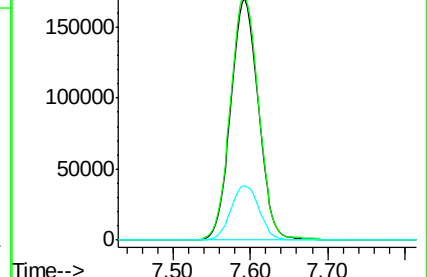
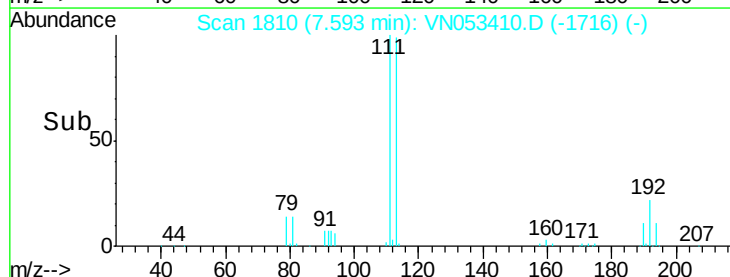
192 23.1 17.9 26.9

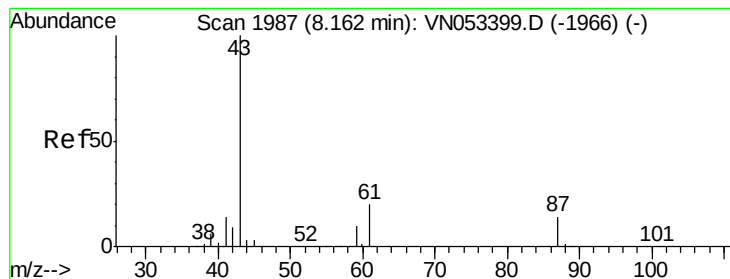


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.442 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN053410.D

Acq: 15 Jan 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

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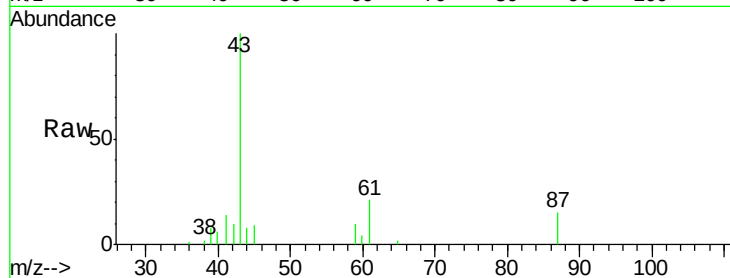
Tot Ion: 43 Resp: 51059

Ion Ratio Lower Upper

43 100

61 17.3 23.3 34.9#

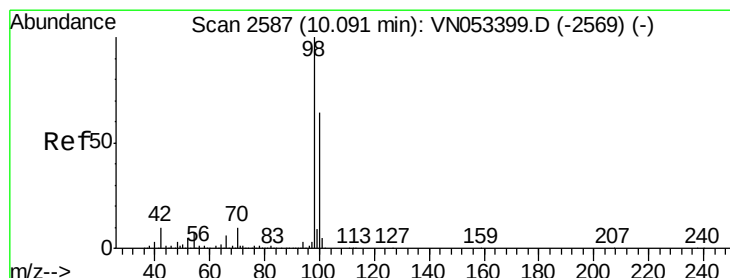
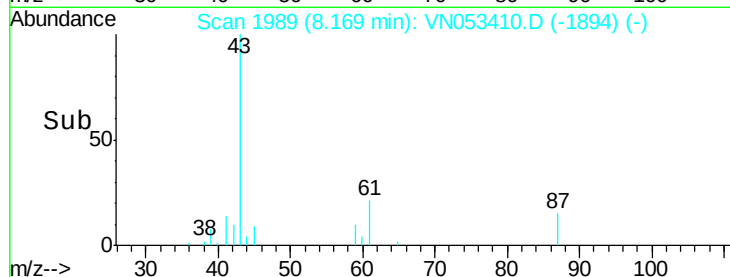
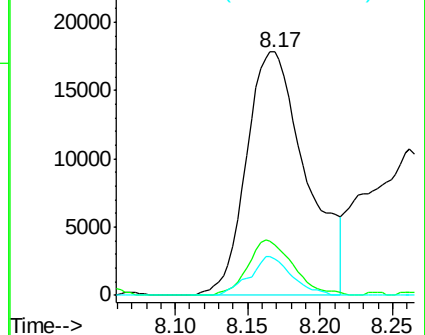
87 11.2 10.8 16.2



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: VN053410.D

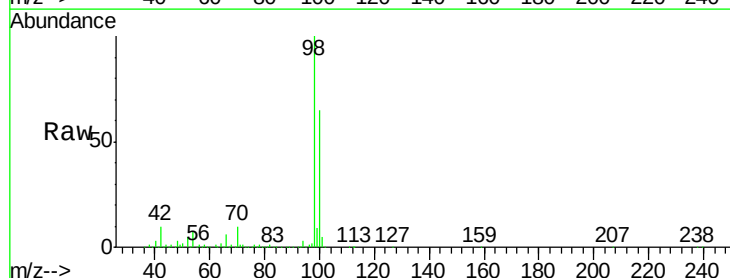
Acq: 15 Jan 2019 16:14

Tgt Ion: 98 Resp: 1861751

Ion Ratio Lower Upper

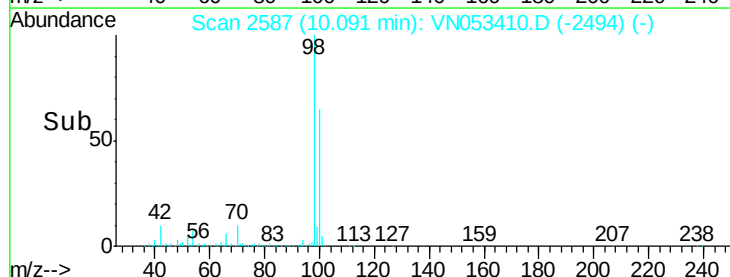
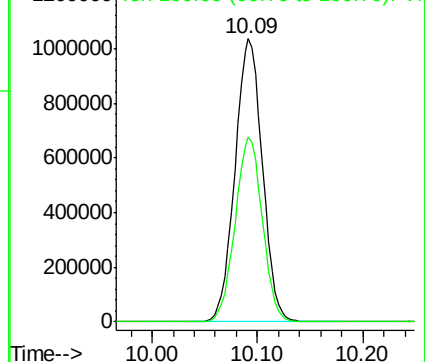
98 100

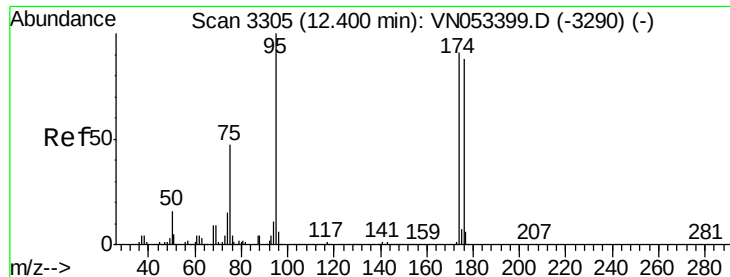
100 64.7 51.5 77.3



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: VN053410.D

Acq: 15 Jan 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

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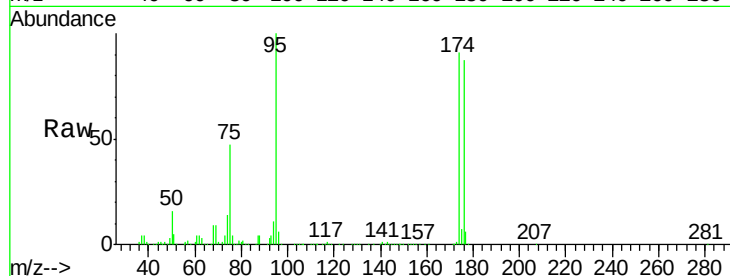
Tot Ion: 95 Resp: 619197

Ion Ratio Lower Upper

95 100

174 90.3 0.0 180.4

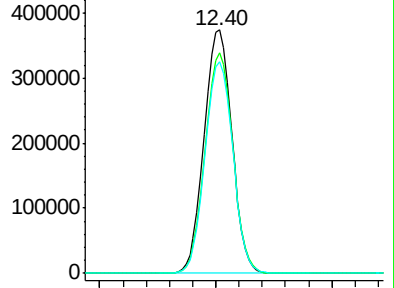
176 87.1 0.0 175.6



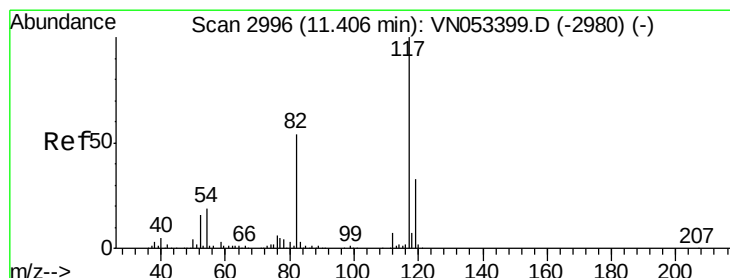
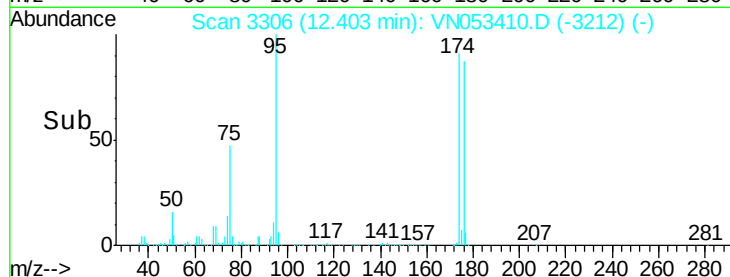
Abundance Ion 94.90 (94.60 to 95.60): VN053399.D (-3290) (-)

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

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



Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053410.D

Acq: 15 Jan 2019 16:14

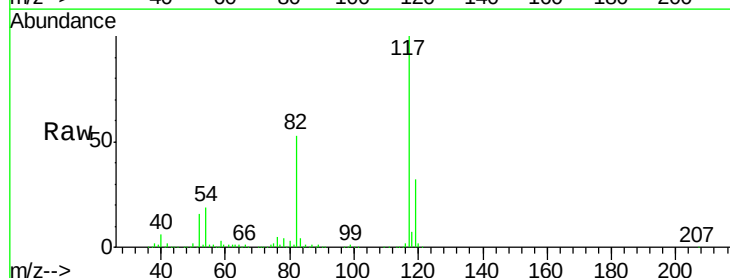
Tgt Ion: 117 Resp: 1370282

Ion Ratio Lower Upper

117 100

82 53.0 42.9 64.3

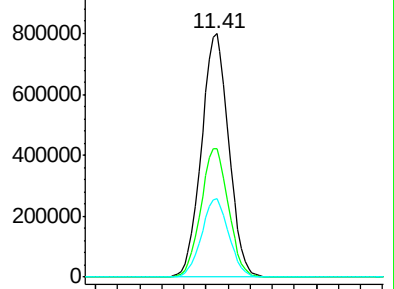
119 32.1 25.6 38.4



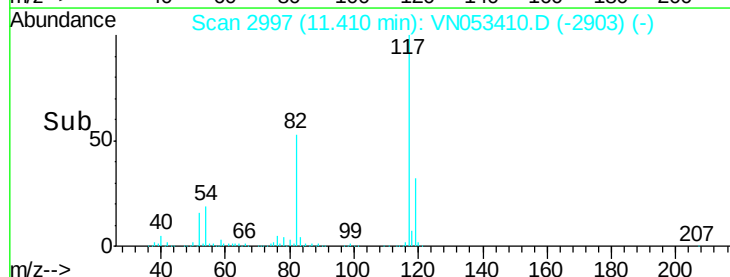
Abundance Ion 116.90 (116.60 to 117.60): VN053399.D (-2980) (-)

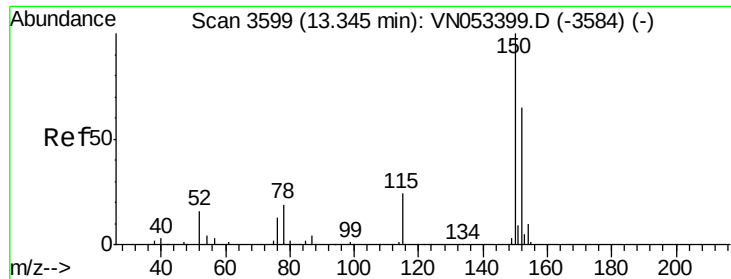
Ion 82.00 (81.70 to 82.70): VN053399.D (-2980) (-)

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



Time--> 11.30 11.40 11.50



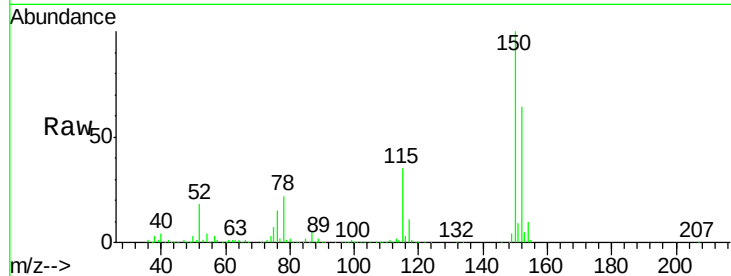


#72

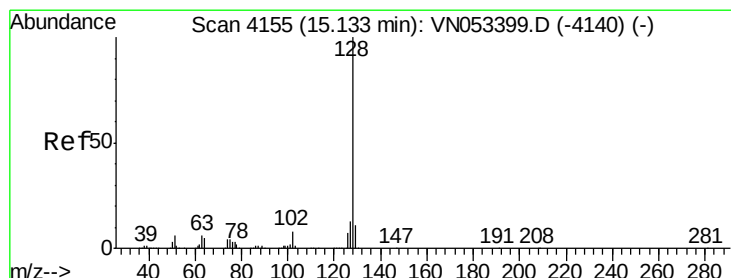
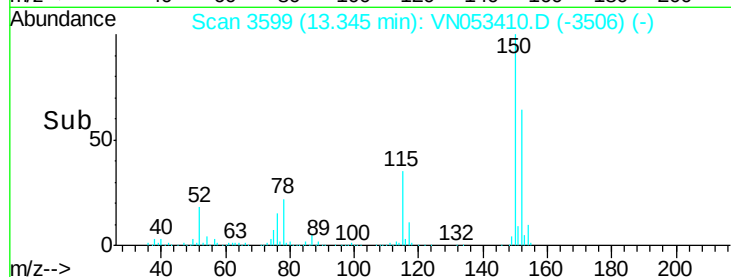
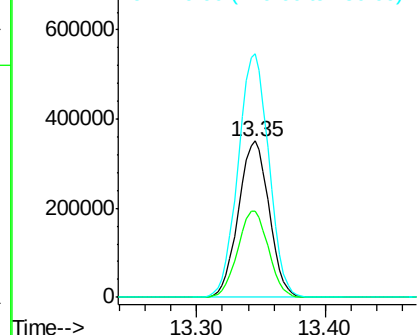
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053410.D
Acq: 15 Jan 2019 16:14

Instrument :
MSVOA_N
ClientSampled :
S-9

Tot Ion:152 Resp: 579494
Ion Ratio Lower Upper
152 100
115 55.5 28.0 84.0
150 155.7 0.0 346.6



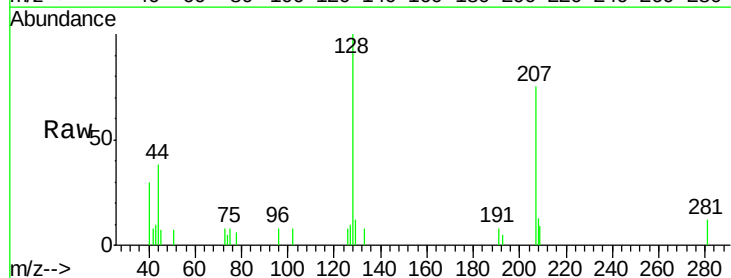
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 4.297 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053410.D
Acq: 15 Jan 2019 16:14

Tgt Ion:128 Resp: 5450
Ion Ratio Lower Upper
128 100
127 8.1 10.4 15.6#
129 9.9 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

