

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011619\
 Data File : VN053429.D
 Acq On : 16 Jan 2019 17:01
 Operator : JC/SP
 Sample : PB116405ZHE#12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116405ZHE#12

Quant Time: Jan 17 04:32:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

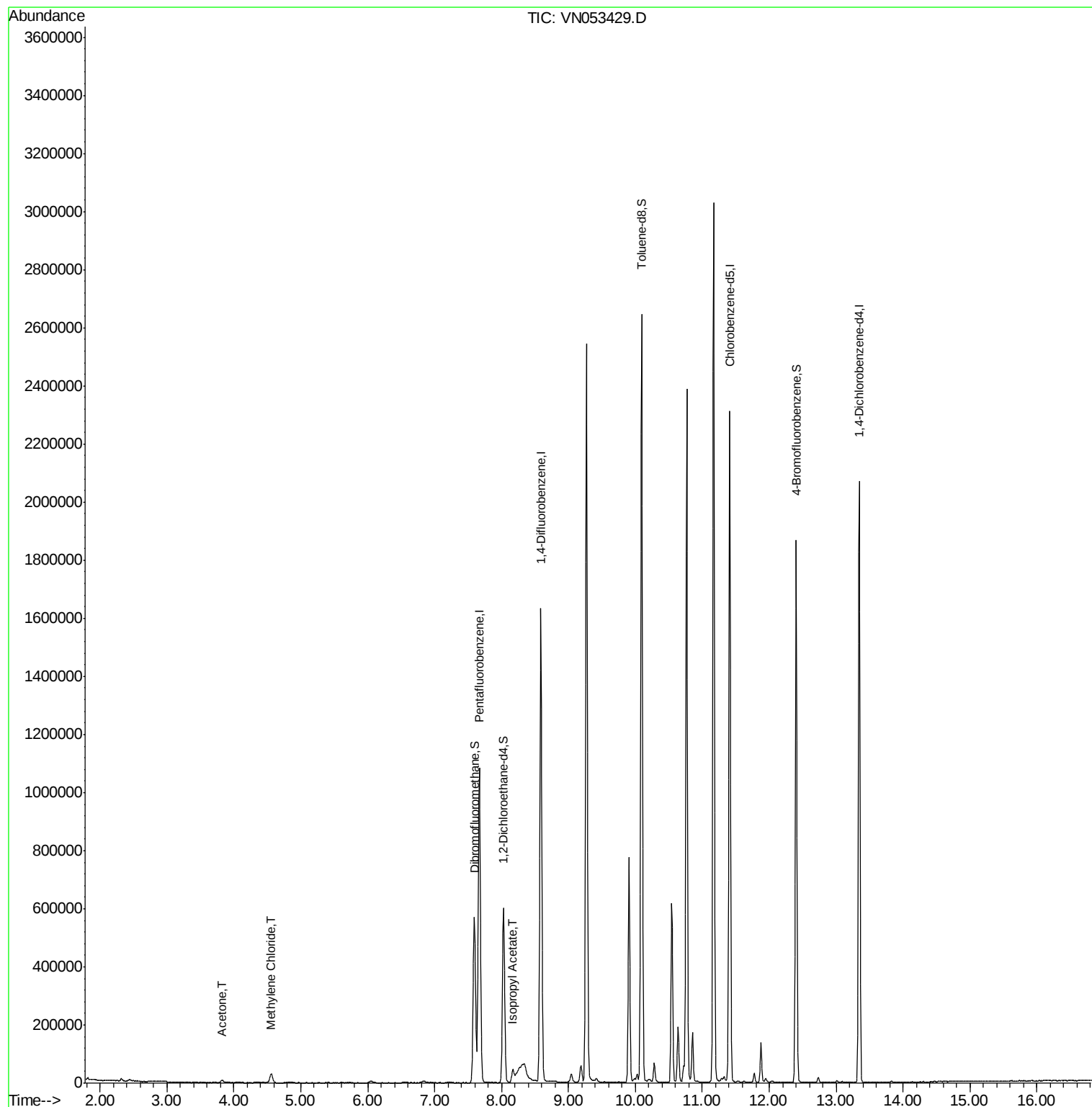
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	961740	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1513123	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1408300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	588421	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	493841	51.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.90%	
35) Dibromofluoromethane	7.59	113	437236	50.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.26%	
50) Toluene-d8	10.09	98	1884772	51.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.22%	
62) 4-Bromofluorobenzene	12.40	95	634140	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
Target Compounds						
16) Acetone	3.82	43	13312	5.969	ug/l	95
20) Methylene Chloride	4.56	84	22554	2.215	ug/l	95
43) Isopropyl Acetate	8.17	43	57833	4.057	ug/l #	83

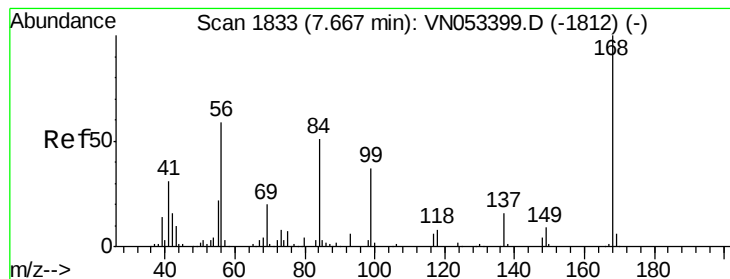
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN011619\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN053429.D

Acq: 16 Jan 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

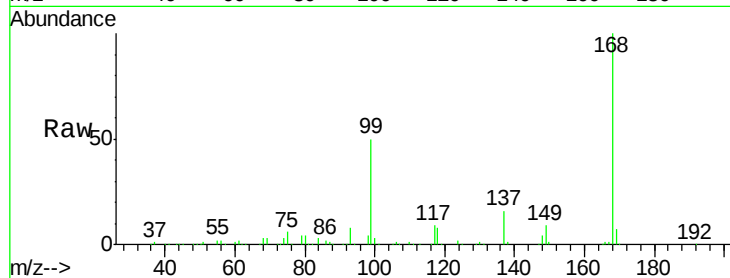
PB116405ZHE#12

Tot Ion:168 Resp: 961740

Ion Ratio Lower Upper

168 100

99 49.7 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

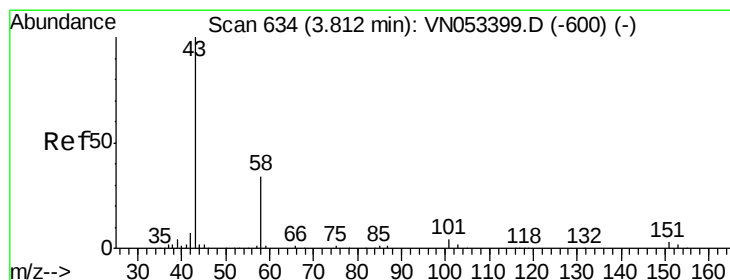
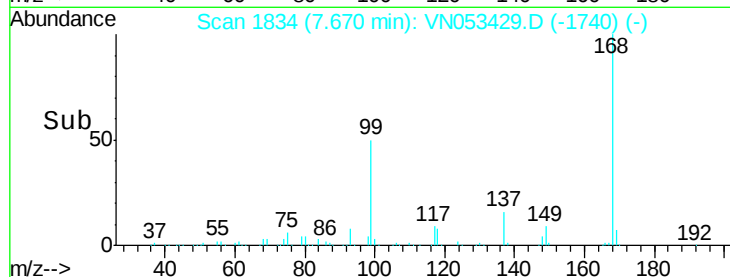
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 5.969 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053429.D

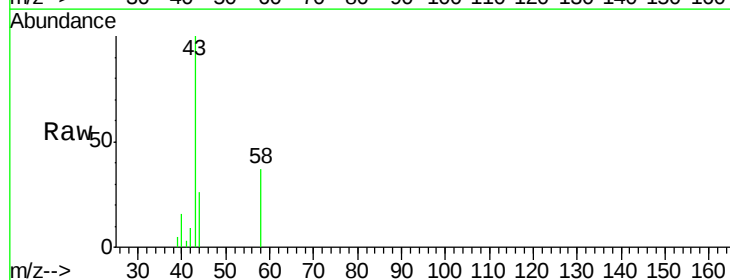
Acq: 16 Jan 2019 17:01

Tgt Ion: 43 Resp: 13312

Ion Ratio Lower Upper

43 100

58 36.5 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

5000

4000

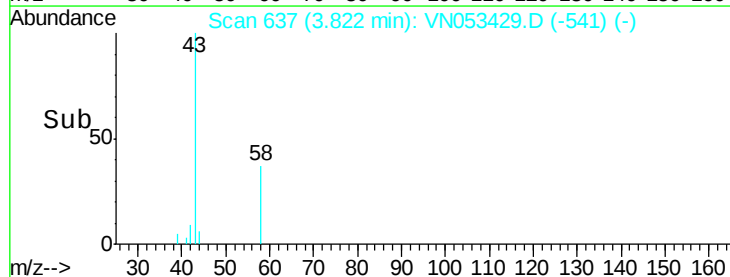
3000

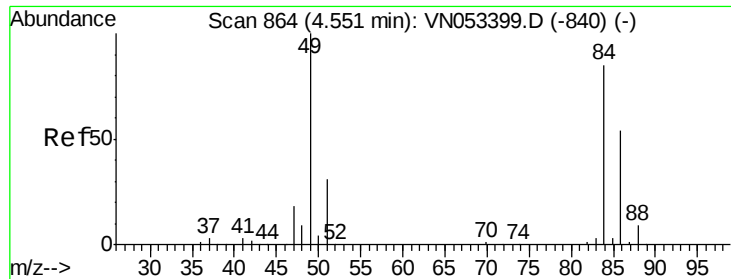
2000

1000

0

Time-->

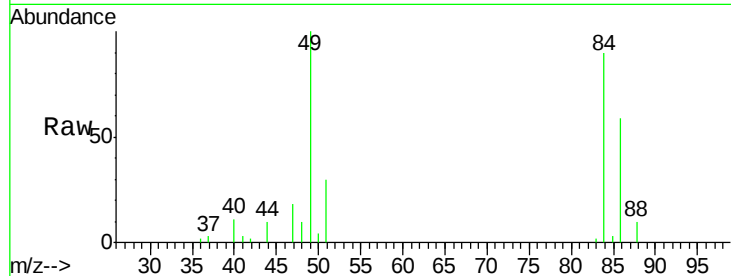




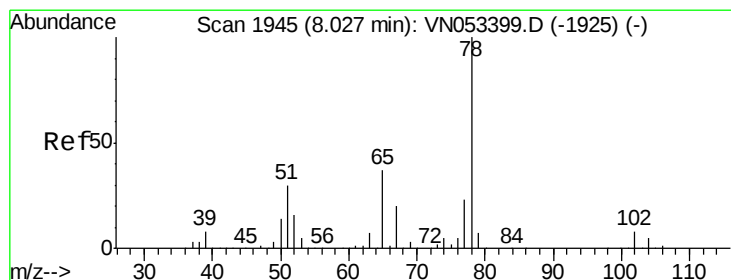
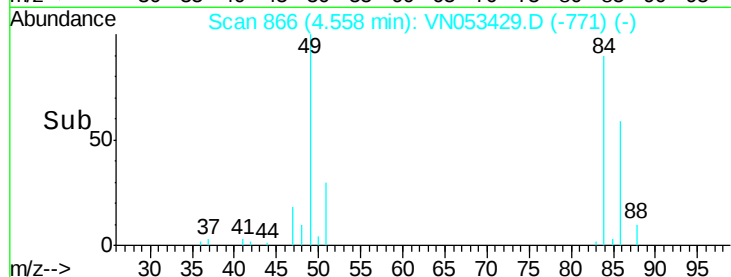
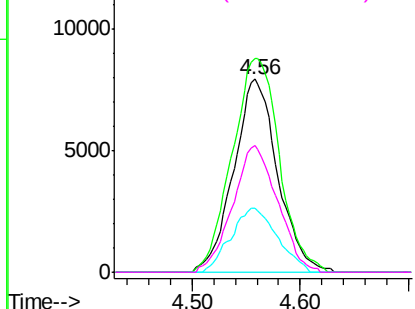
#20
Methvlene Chloride
Concen: 2.215 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053429.D
Acq: 16 Jan 2019 17:01

Instrument :
MSVOA_N
ClientSampleId :
PB116405ZHE#12

Tot Ion: 84 Resp: 22554
Ion Ratio Lower Upper
84 100
49 110.6 94.3 141.5
51 33.0 29.4 44.2
86 65.4 51.4 77.0

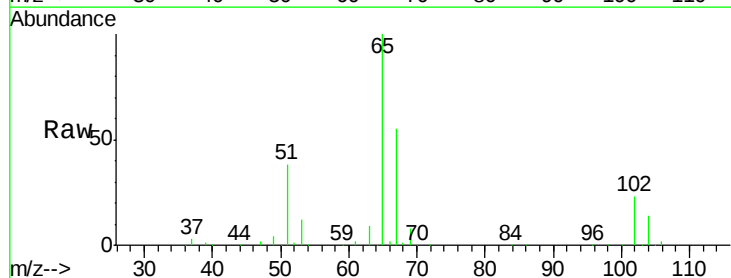


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

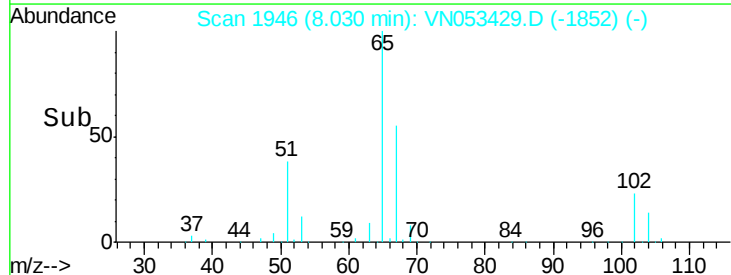
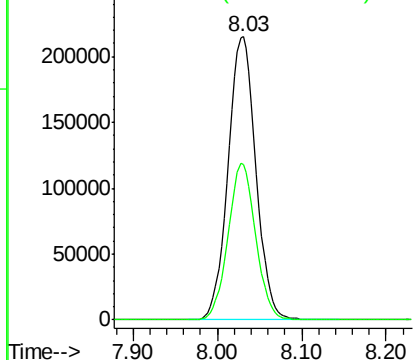


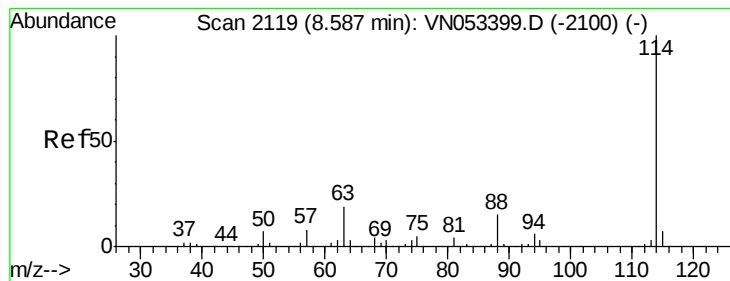
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN053429.D
Acq: 16 Jan 2019 17:01

Tgt Ion: 65 Resp: 493841
Ion Ratio Lower Upper
65 100
67 54.7 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VNC
Ion 66.90 (66.60 to 67.60): VNC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053429.D

Acq: 16 Jan 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

PB116405ZHE#12

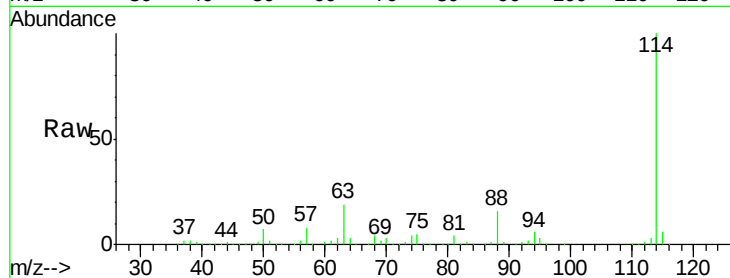
Tot Ion:114 Resp: 1513123

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.6

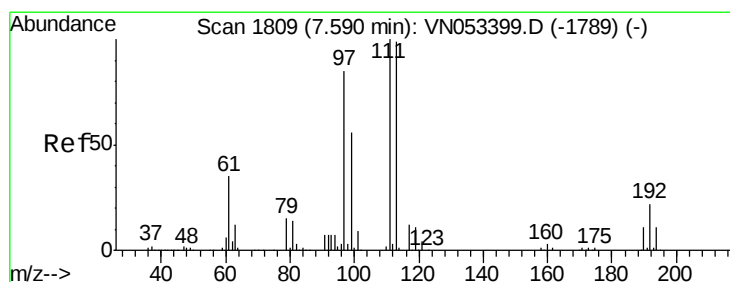
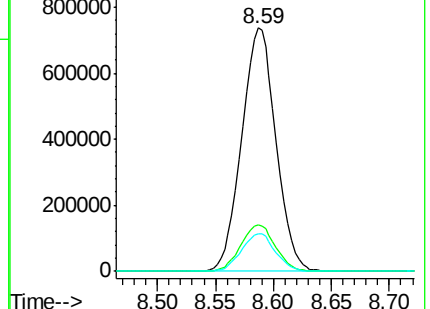
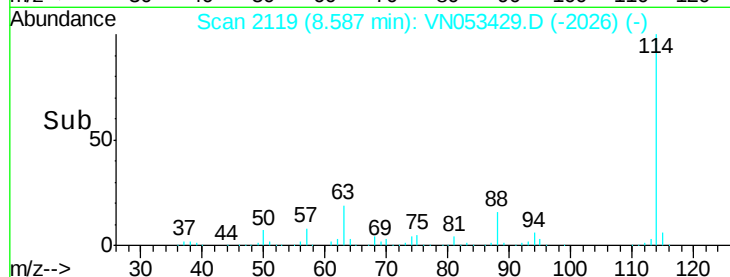
88 15.6 0.0 30.4



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: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053429.D

Acq: 16 Jan 2019 17:01

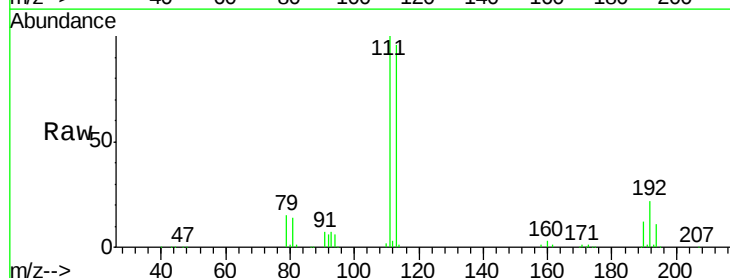
Tgt Ion:113 Resp: 437236

Ion Ratio Lower Upper

113 100

111 101.7 81.1 121.7

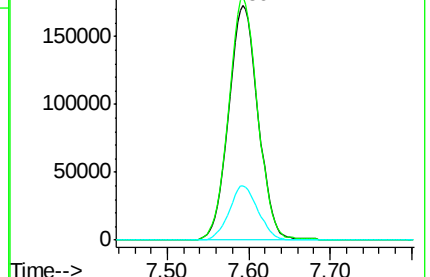
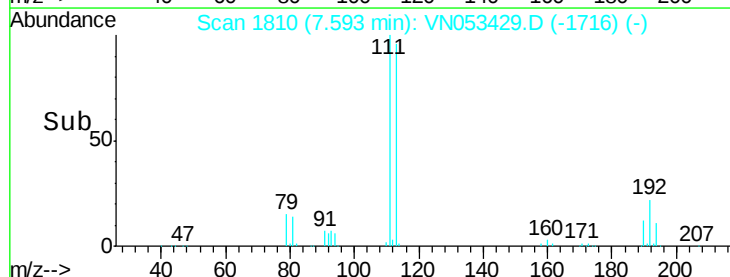
192 22.8 18.2 27.2

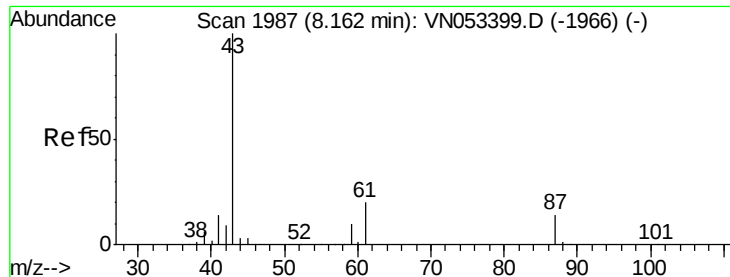


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 4.057 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053429.D

Acq: 16 Jan 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

PB116405ZHE#12

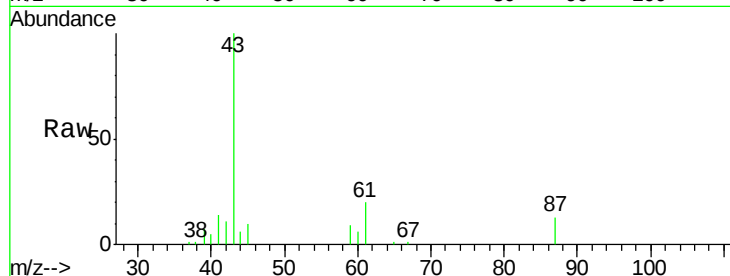
Tot Ion: 43 Resp: 57833

Ion Ratio Lower Upper

43 100

61 17.9 23.9 35.9#

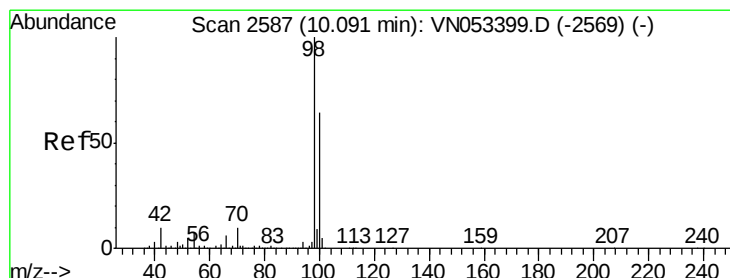
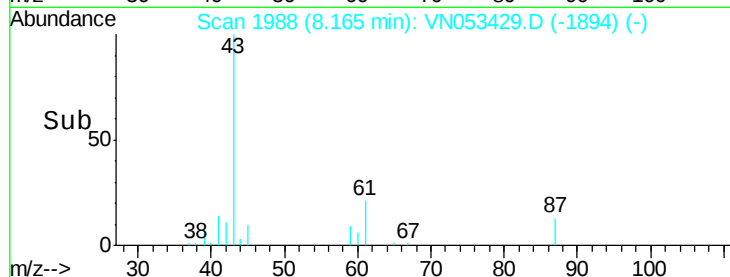
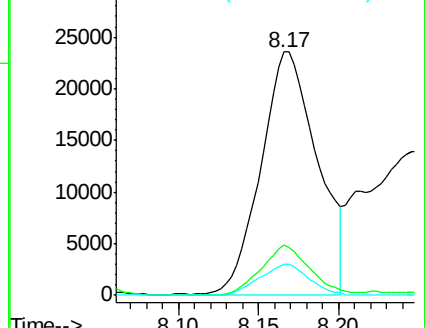
87 11.0 11.0 16.6



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: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053429.D

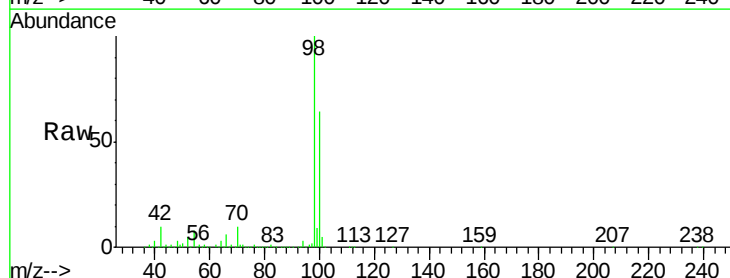
Acq: 16 Jan 2019 17:01

Tgt Ion: 98 Resp: 1884772

Ion Ratio Lower Upper

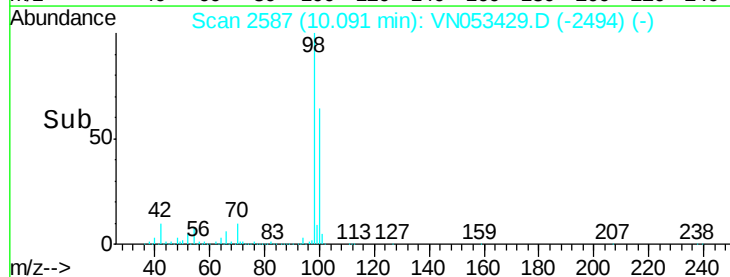
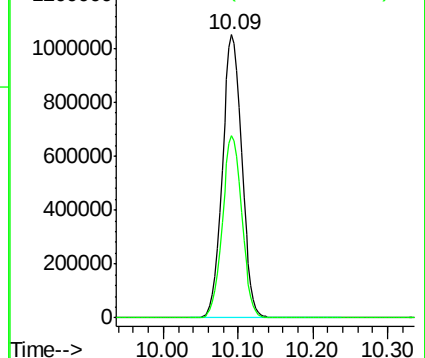
98 100

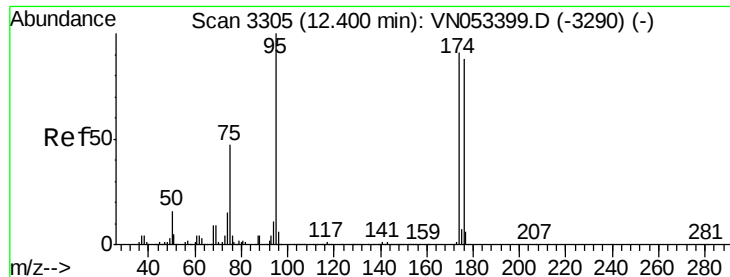
100 64.5 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053429.D

Acq: 16 Jan 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

PB116405ZHE#12

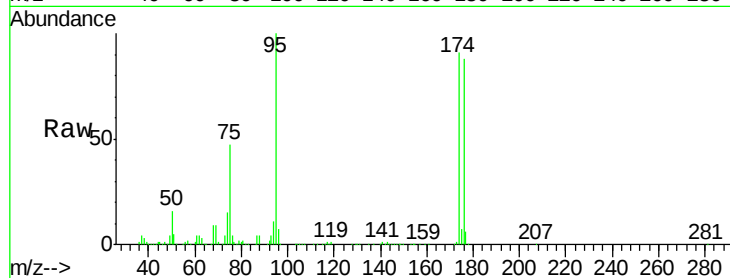
Tot Ion: 95 Resp: 634140

Ion Ratio Lower Upper

95 100

174 91.0 0.0 183.2

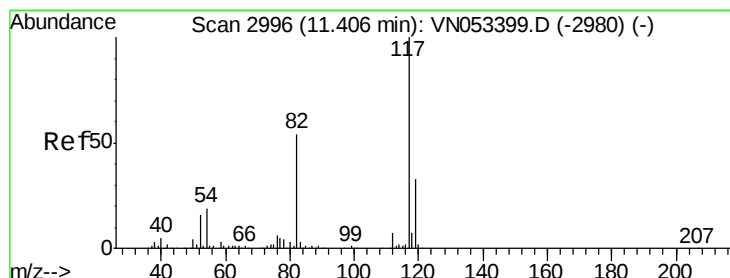
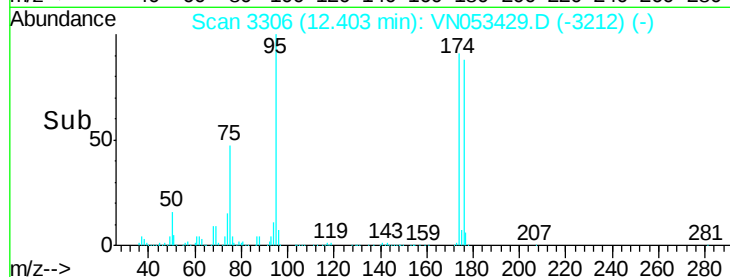
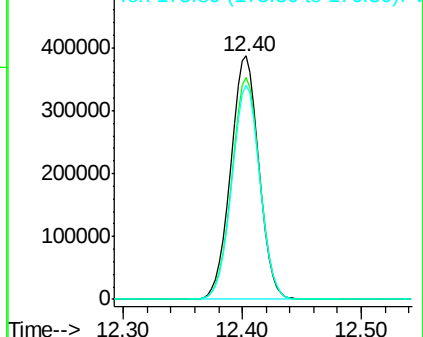
176 87.8 0.0 177.4



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: VN053429.D

Acq: 16 Jan 2019 17:01

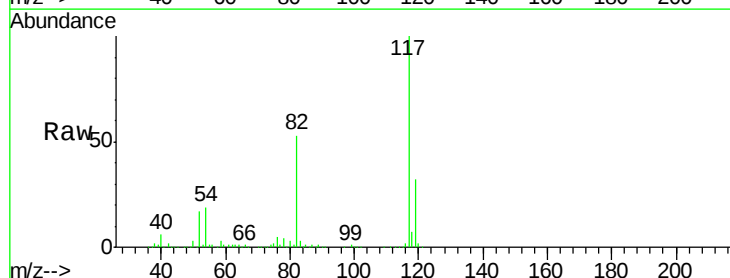
Tgt Ion: 117 Resp: 1408300

Ion Ratio Lower Upper

117 100

82 53.3 42.9 64.3

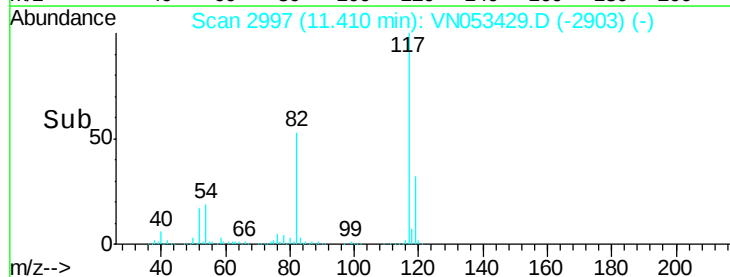
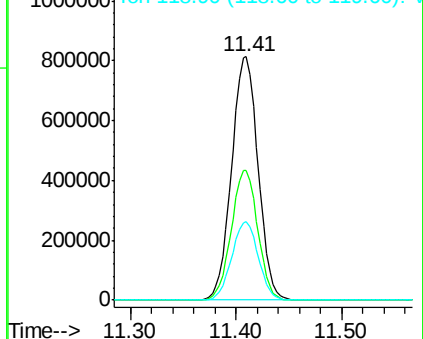
119 32.3 26.0 39.0

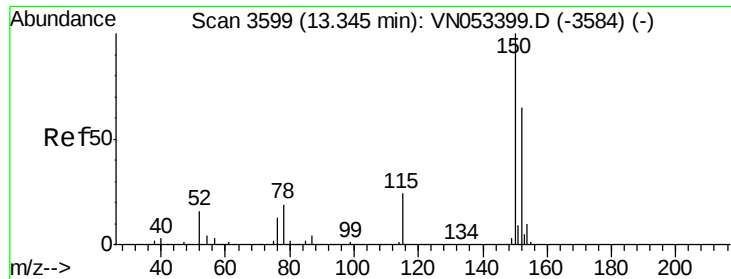


Abundance Ion 116.90 (116.60 to 117.60): VN053399.D (-2980) (-)

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: VN053429.D

Acq: 16 Jan 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

PB116405ZHE#12

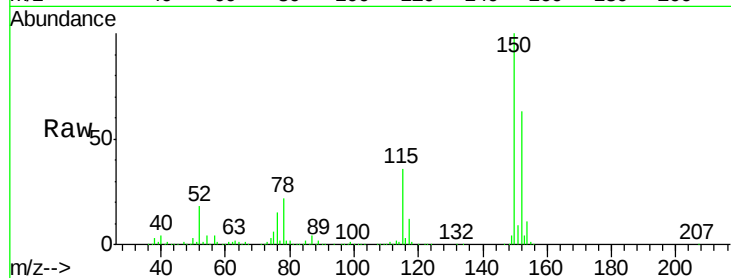
Tot Ion:152 Resp: 588421

Ion Ratio Lower Upper

152 100

115 56.0 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

