

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011619\
 Data File : VN053428.D
 Acq On : 16 Jan 2019 16:35
 Operator : JC/SP
 Sample : PB116405ZHE#11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116405ZHE#11

Quant Time: Jan 17 04:30:16 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

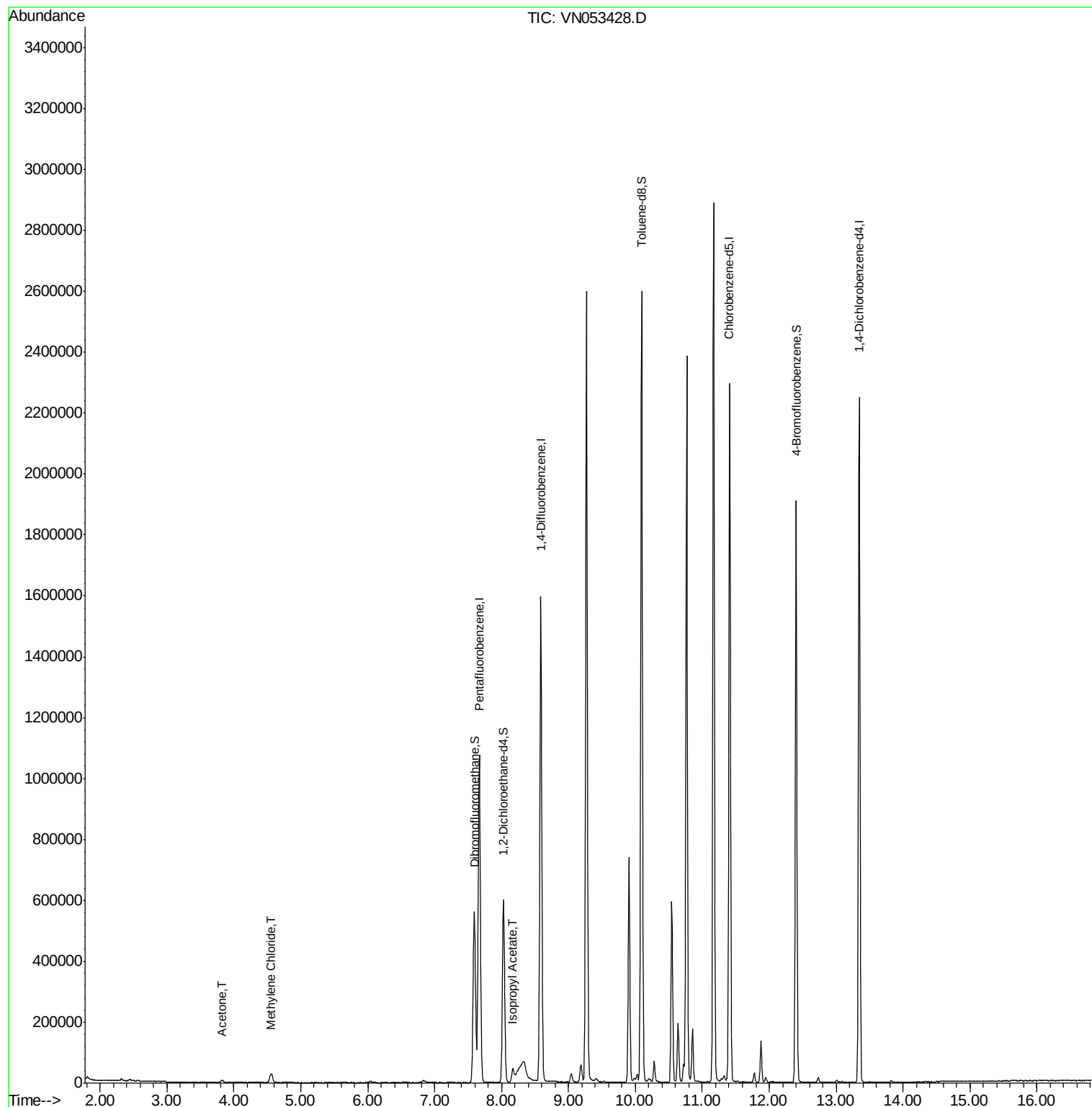
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	951615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1486027	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1420993	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	641737	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	495347	52.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.32%	
35) Dibromofluoromethane	7.59	113	431838	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
50) Toluene-d8	10.09	98	1873697	52.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.48%	
62) 4-Bromofluorobenzene	12.40	95	653376	51.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.90%	
Target Compounds						
16) Acetone	3.82	43	13527	6.130	ug/l	93
20) Methylene Chloride	4.56	84	23528	2.335	ug/l	96
43) Isopropyl Acetate	8.17	43	63887	4.563	ug/l #	79

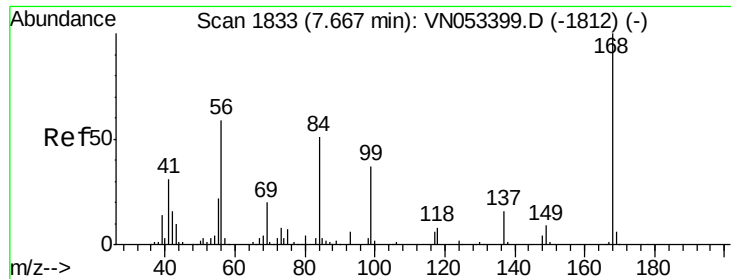
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN011619\
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QLast Update : Wed Jan 16 03:10:53 2019
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: VN053428.D

Acq: 16 Jan 2019 16:35

Instrument :

MSVOA_N

ClientSampleId :

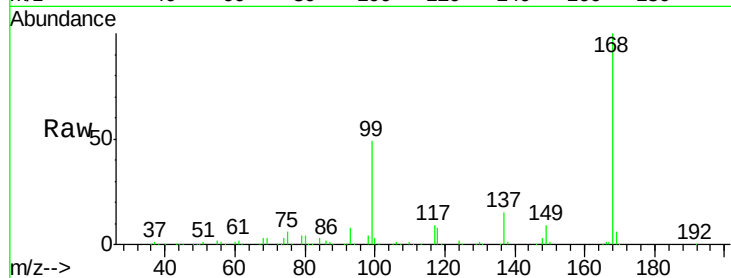
PB116405ZHE#11

Tot Ion:168 Resp: 951615

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

400000

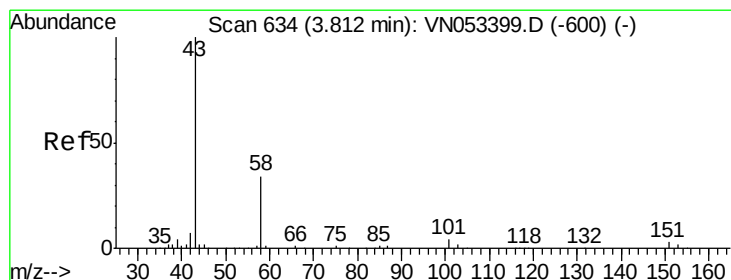
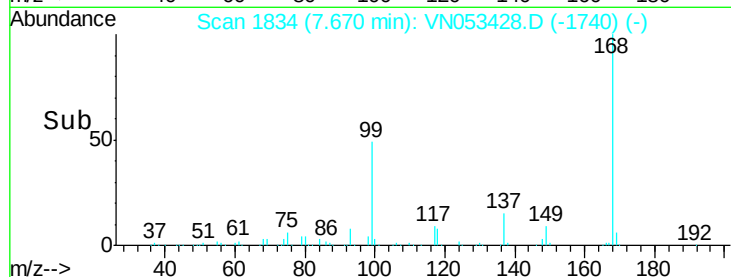
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 6.130 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053428.D

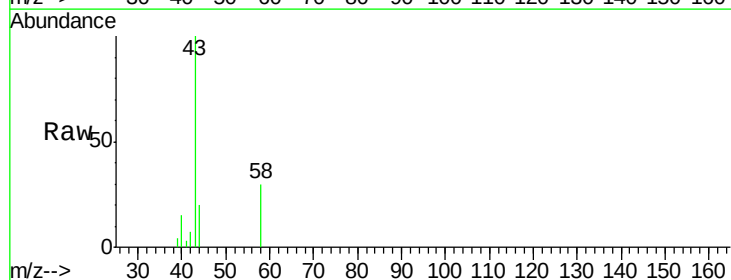
Acq: 16 Jan 2019 16:35

Tgt Ion: 43 Resp: 13527

Ion Ratio Lower Upper

43 100

58 29.8 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

6000

5000

4000

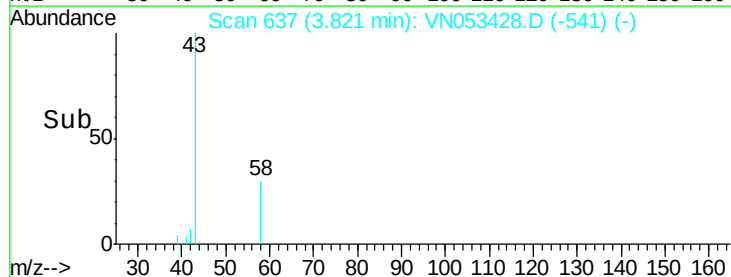
3000

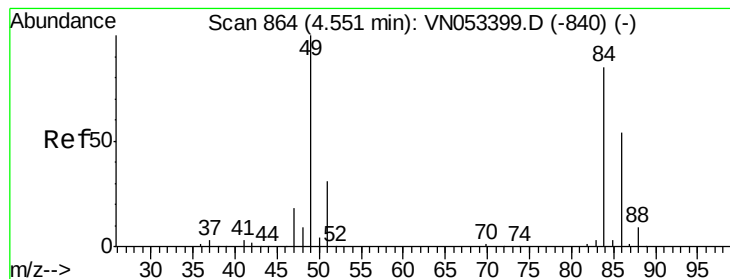
2000

1000

0

Time-->





#20

Methylene Chloride

Concen: 2.335 ug/l

RT: 4.56 min Scan# 867

Delta R.T. 0.01 min

Lab File: VN053428.D

Acq: 16 Jan 2019 16:35

Instrument :

MSVOA_N

ClientSampleId :

PB116405ZHE#11

Tot Ion: 84 Resp: 23528

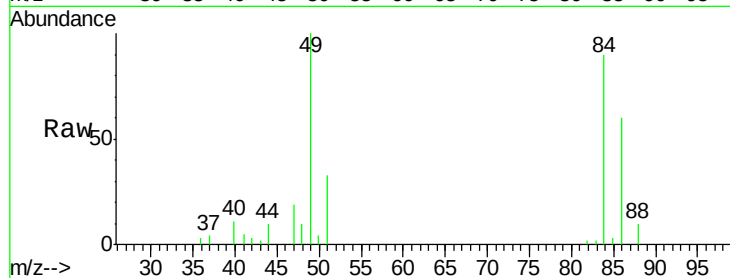
Ion Ratio Lower Upper

84 100

49 111.6 94.3 141.5

51 36.4 29.4 44.2

86 67.4 51.4 77.0

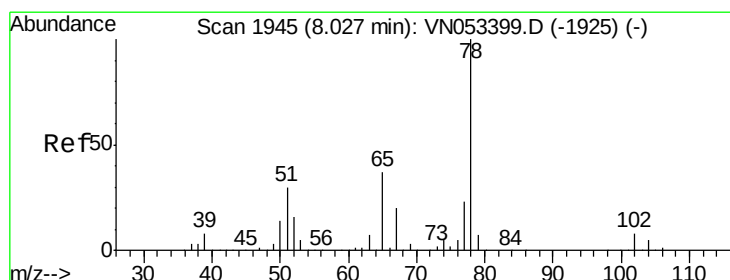
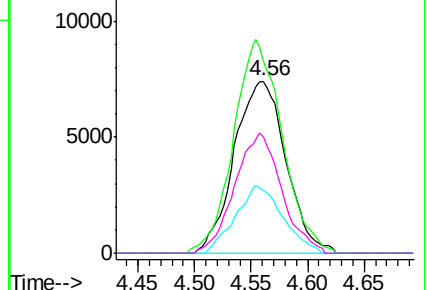
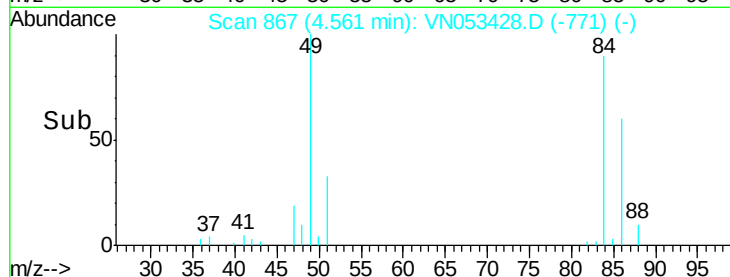


Abundance Ion 83.90 (83.60 to 84.60): VN0

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# 1945

Delta R.T. 0.00 min

Lab File: VN053428.D

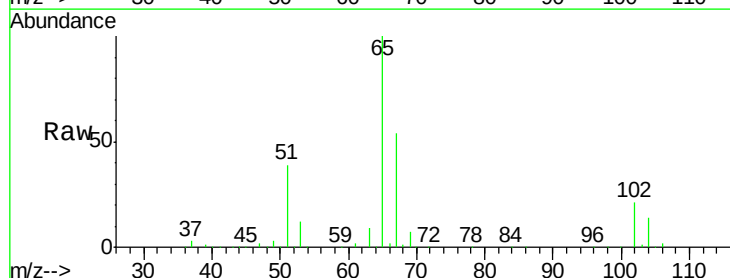
Acq: 16 Jan 2019 16:35

Tgt Ion: 65 Resp: 495347

Ion Ratio Lower Upper

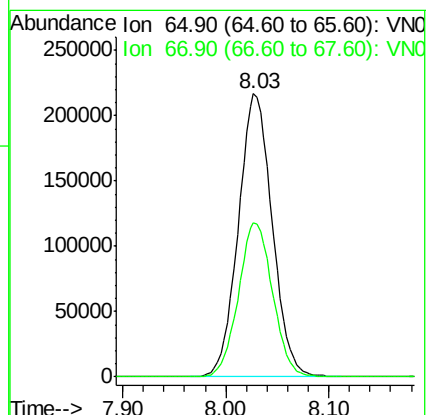
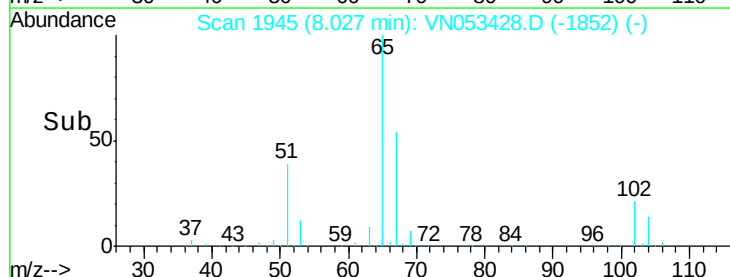
65 100

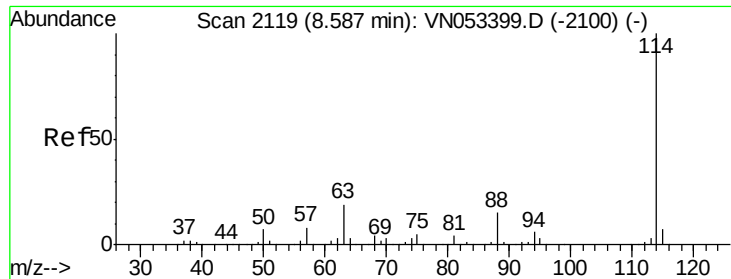
67 55.0 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

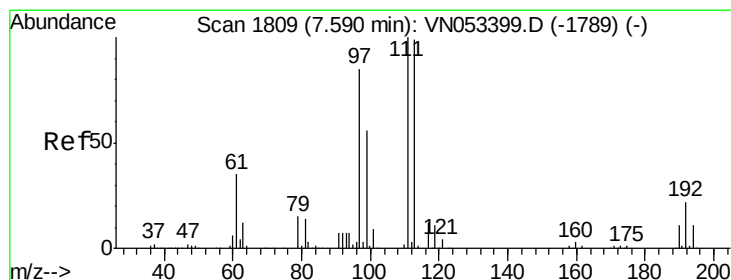
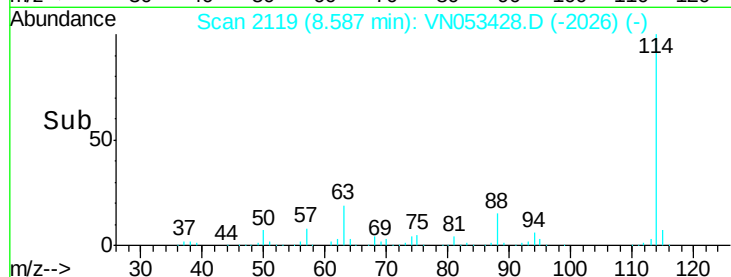
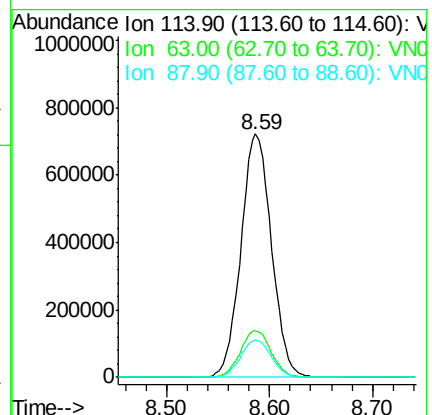
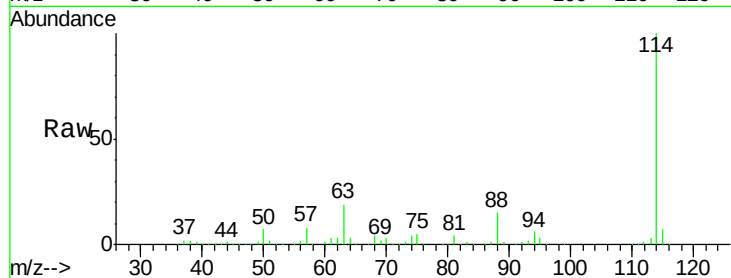




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053428.D
 Acq: 16 Jan 2019 16:35

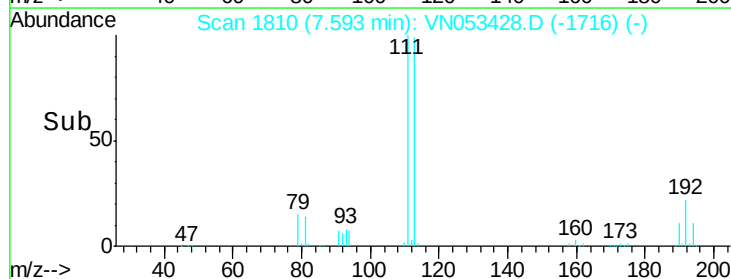
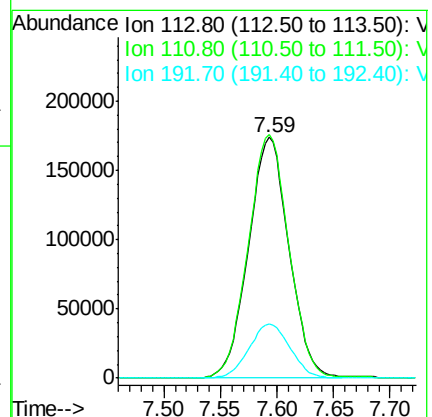
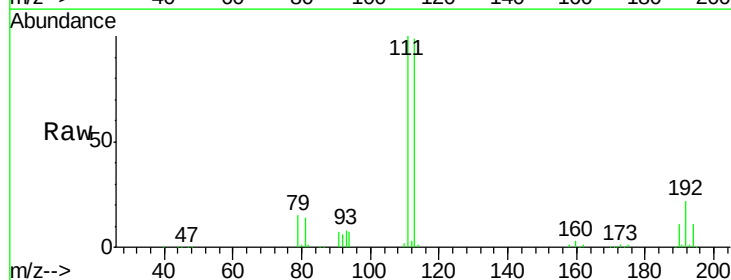
Instrument :
 MSVOA_N
 ClientSampleId :
 PB116405ZHE#11

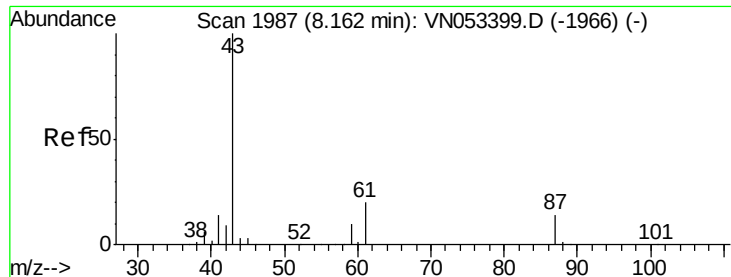
Tot Ion:114 Resp: 1486027
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.6
 88 15.3 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053428.D
 Acq: 16 Jan 2019 16:35

Tgt Ion:113 Resp: 431838
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.1 121.7
 192 22.8 18.2 27.2





#43

Isopropyl Acetate

Concen: 4.563 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053428.D

Acq: 16 Jan 2019 16:35

Instrument :

MSVOA_N

ClientSampleId :

PB116405ZHE#11

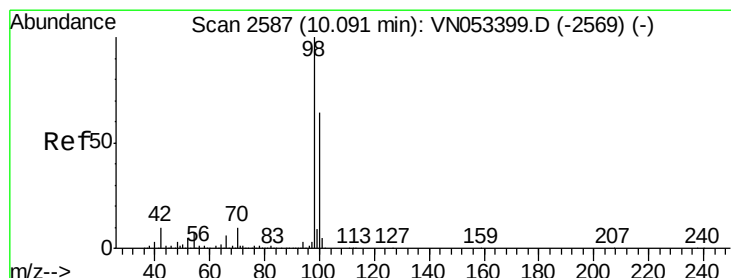
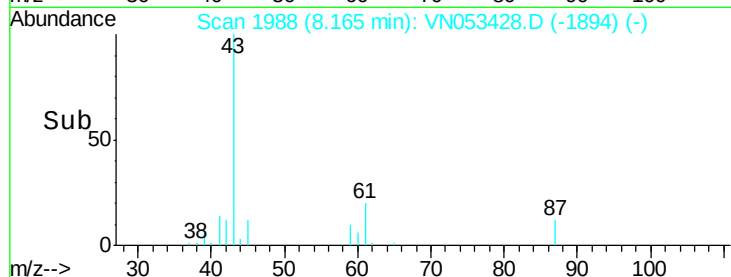
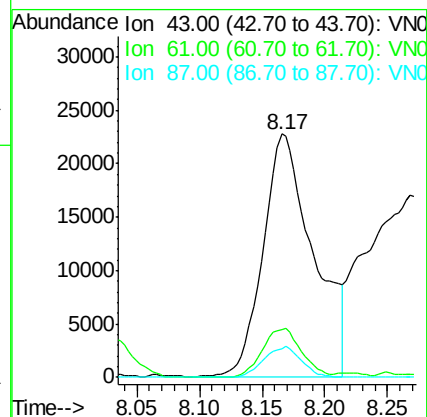
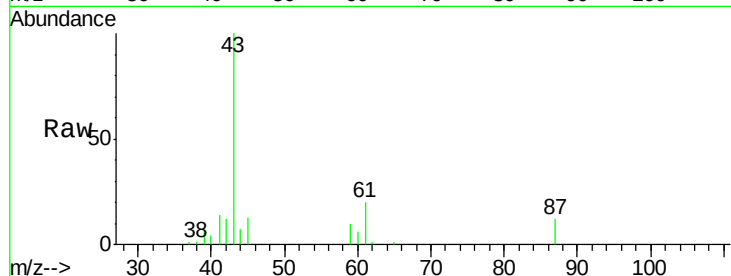
Tot Ion: 43 Resp: 63887

Ion Ratio Lower Upper

43 100

61 15.7 23.9 35.9#

87 9.4 11.0 16.6#



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053428.D

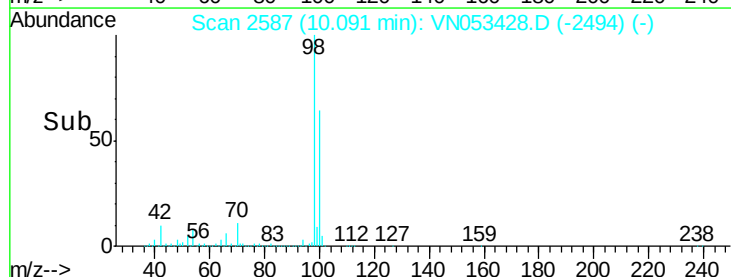
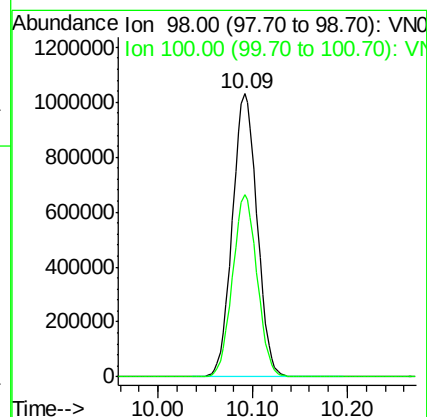
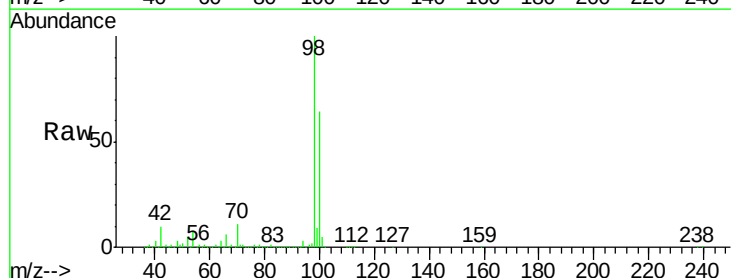
Acq: 16 Jan 2019 16:35

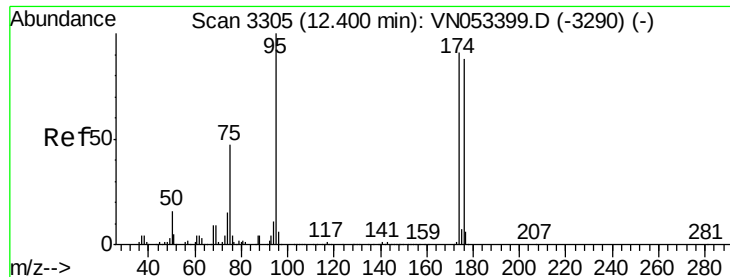
Tgt Ion: 98 Resp: 1873697

Ion Ratio Lower Upper

98 100

100 64.0 51.4 77.0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN053428.D

Acq: 16 Jan 2019 16:35

Instrument :

MSVOA_N

ClientSampleId :

PB116405ZHE#11

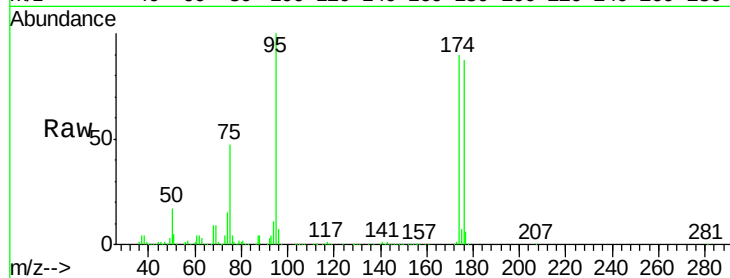
Tot Ion: 95 Resp: 653376

Ion Ratio Lower Upper

95 100

174 92.1 0.0 183.2

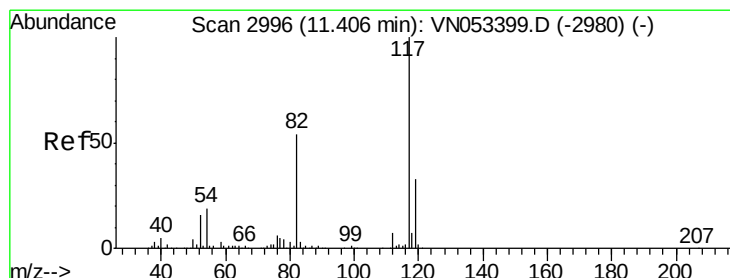
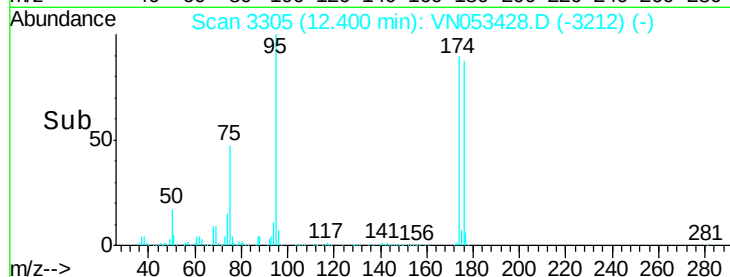
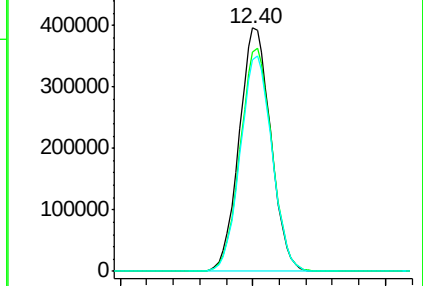
176 89.3 0.0 177.4



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: VN053428.D

Acq: 16 Jan 2019 16:35

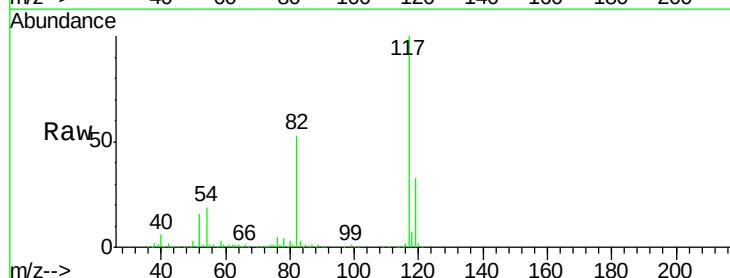
Tgt Ion: 117 Resp: 1420993

Ion Ratio Lower Upper

117 100

82 53.0 42.9 64.3

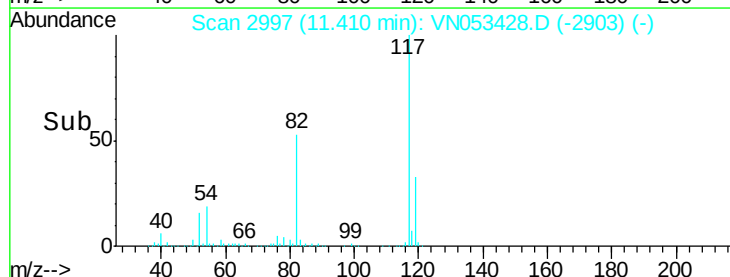
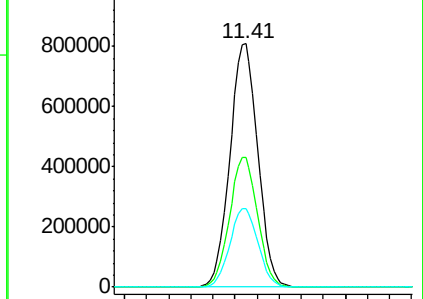
119 32.5 26.0 39.0

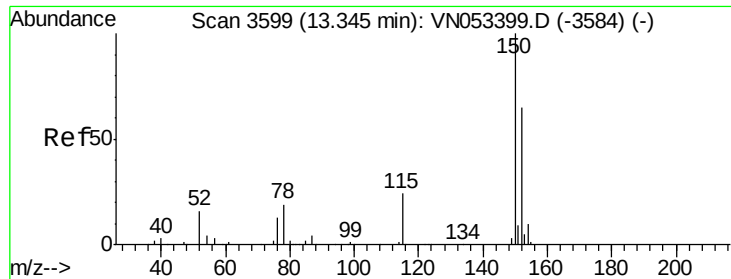


Abundance Ion 116.90 (116.60 to 117.60): VN053399.D (-2980) (-)

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: VN053428.D

Acq: 16 Jan 2019 16:35

Instrument :

MSVOA_N

ClientSampleId :

PB116405ZHE#11

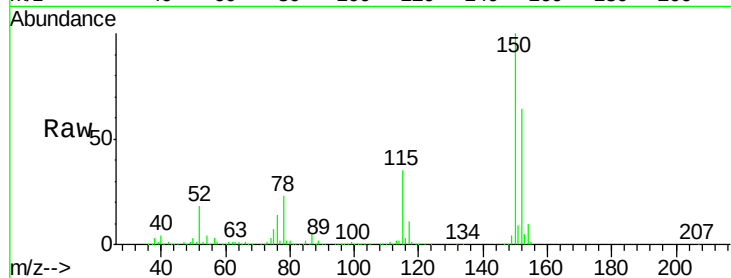
Tot Ion:152 Resp: 641737

Ion Ratio Lower Upper

152 100

115 55.3 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

