

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121318\
 Data File : VN052872.D
 Acq On : 13 Dec 2018 18:41
 Operator : MD\SY
 Sample : PB115614ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115614ZHE#03

Quant Time: Dec 14 03:17:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

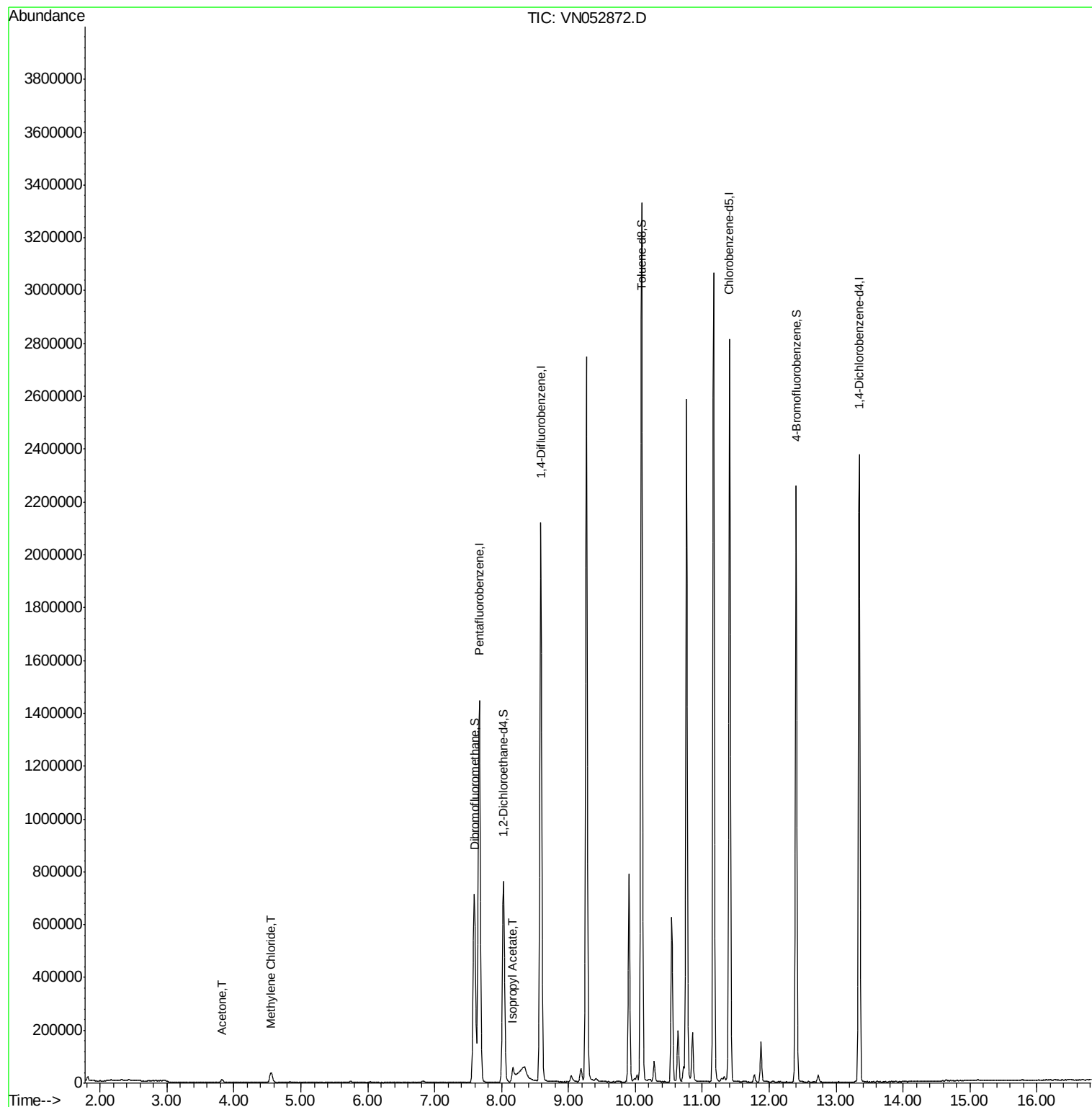
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1277621	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1963190	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1723094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	673197	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	640061	47.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.24%	
35) Dibromofluoromethane	7.59	113	557420	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
50) Toluene-d8	10.09	98	2384731	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
62) 4-Bromofluorobenzene	12.40	95	768834	47.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.50%	
Target Compounds						
16) Acetone	3.82	43	18433	6.042	ug/l	95
20) Methylene Chloride	4.56	84	28844	2.101	ug/l	97
43) Isopropyl Acetate	8.17	43	70932	3.186	ug/l #	79

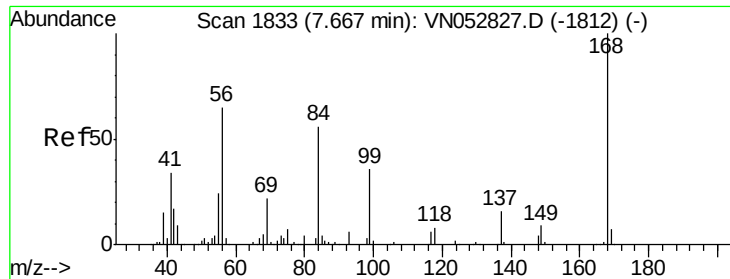
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052872.D

Acq: 13 Dec 2018 18:41

Instrument :

MSVOA_N

ClientSampleId :

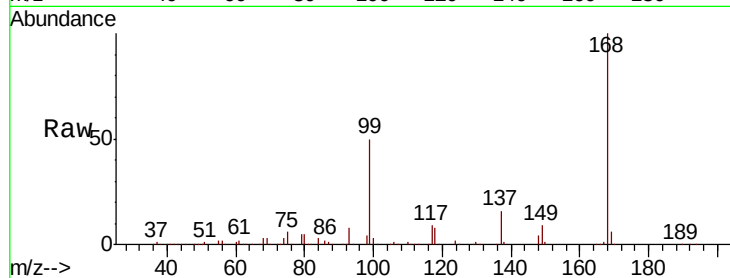
PB115614ZHE#03

Tot Ion:168 Resp: 1277621

Ion Ratio Lower Upper

168 100

99 50.1 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN052827.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN052827.D (-1812) (-)

7.67

600000

500000

400000

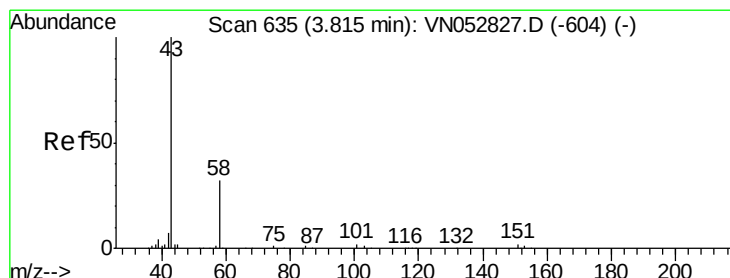
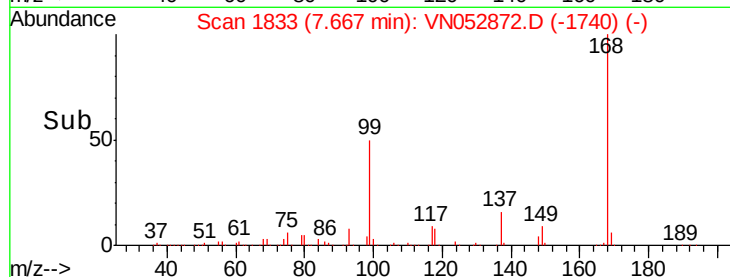
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 6.042 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052872.D

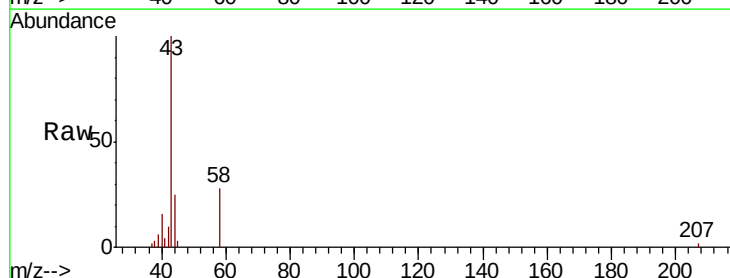
Acq: 13 Dec 2018 18:41

Tgt Ion: 43 Resp: 18433

Ion Ratio Lower Upper

43 100

58 28.7 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN052827.D (-604) (-)

Ion 58.00 (57.70 to 58.70): VN052827.D (-604) (-)

3.82

8000

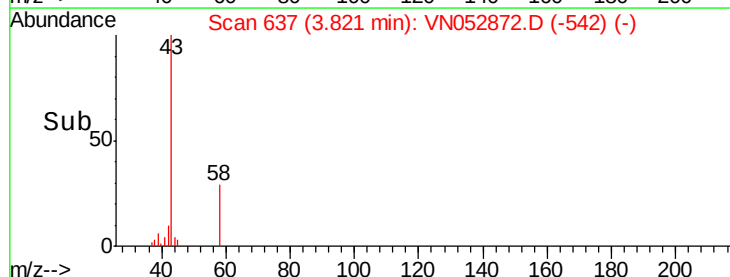
6000

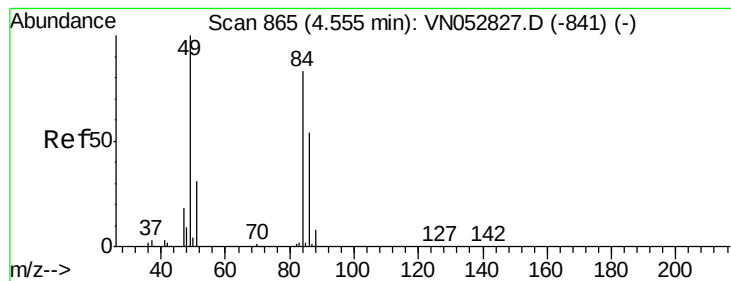
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 2.101 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.00 min

Lab File: VN052872.D

Acq: 13 Dec 2018 18:41

Instrument :

MSVOA_N

ClientSampleId :

PB115614ZHE#03

Tot Ion: 84 Resp: 28844

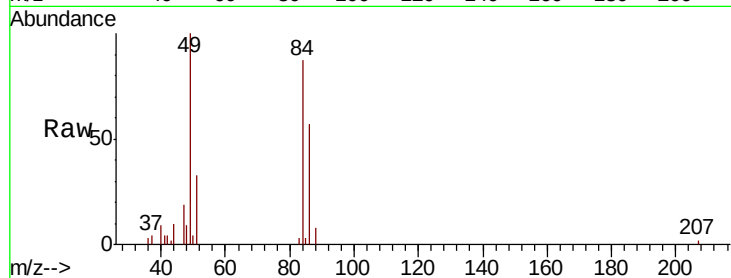
Ion Ratio Lower Upper

84 100

49 114.7 96.8 145.2

51 38.2 29.9 44.9

86 65.1 51.8 77.6

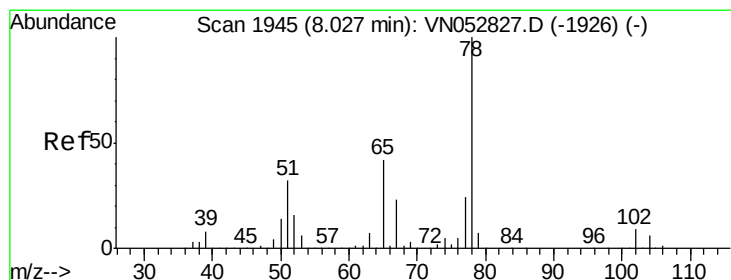
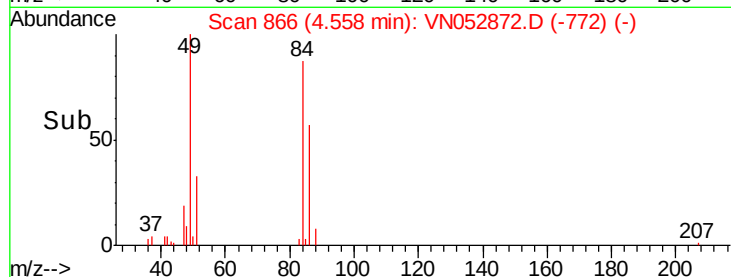
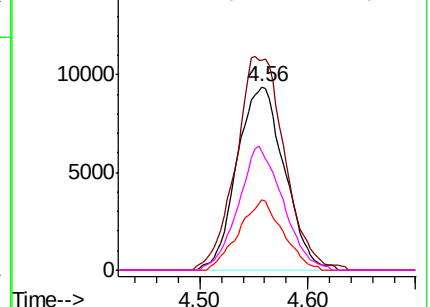


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: VN052872.D

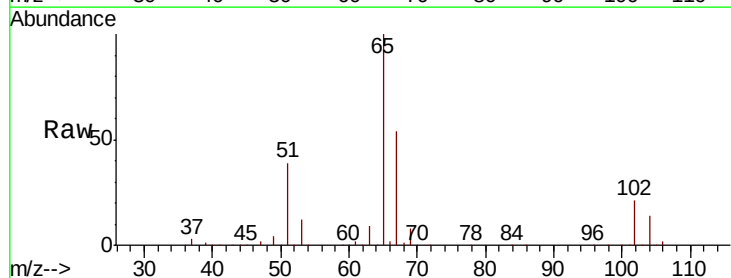
Acq: 13 Dec 2018 18:41

Tgt Ion: 65 Resp: 640061

Ion Ratio Lower Upper

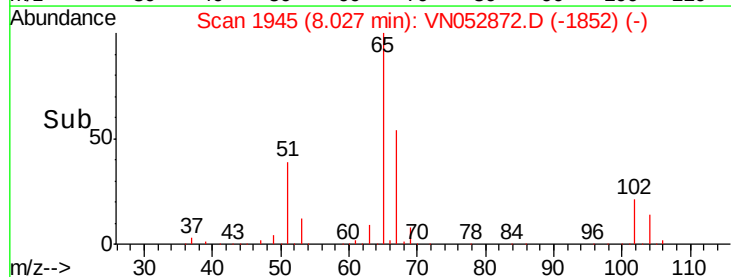
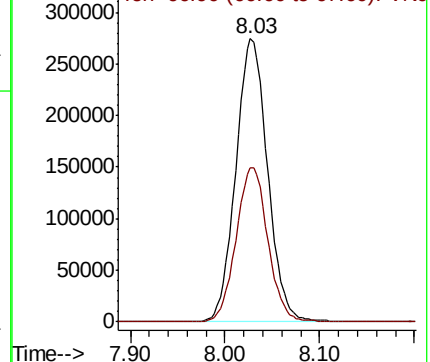
65 100

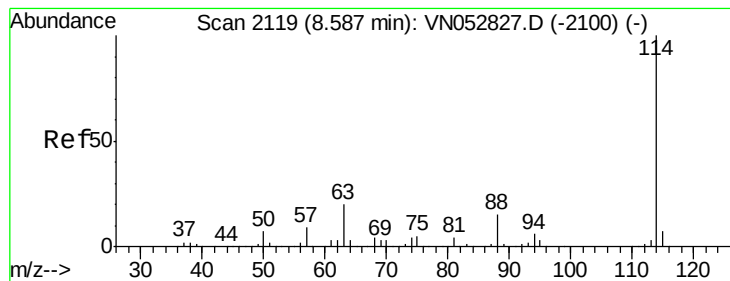
67 54.7 0.0 110.4



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: VN052872.D

Acq: 13 Dec 2018 18:41

Instrument :

MSVOA_N

ClientSampleId :

PB115614ZHE#03

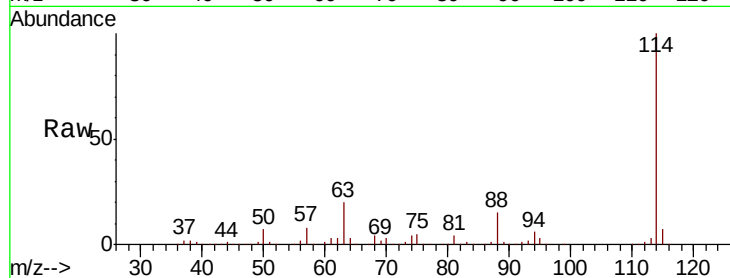
Tot Ion:114 Resp: 1963190

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.8

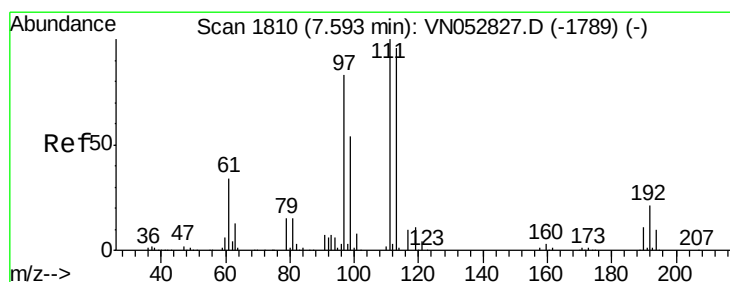
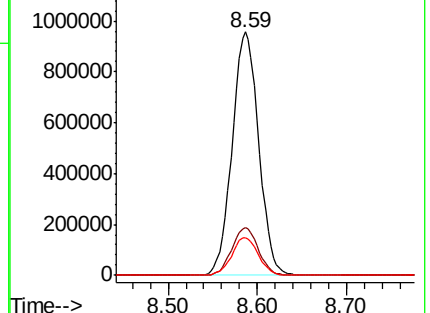
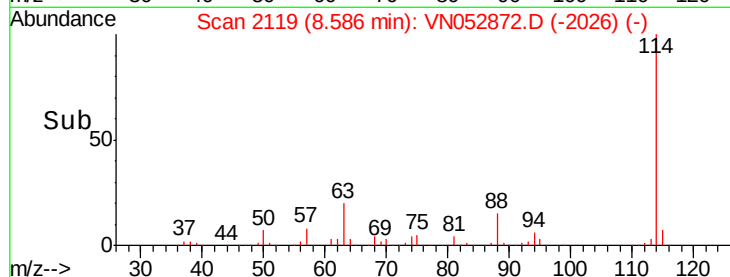
88 15.4 0.0 31.0



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: VN052872.D

Acq: 13 Dec 2018 18:41

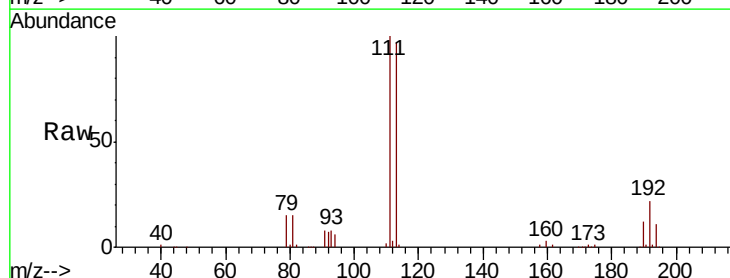
Tgt Ion:113 Resp: 557420

Ion Ratio Lower Upper

113 100

111 101.8 83.0 124.4

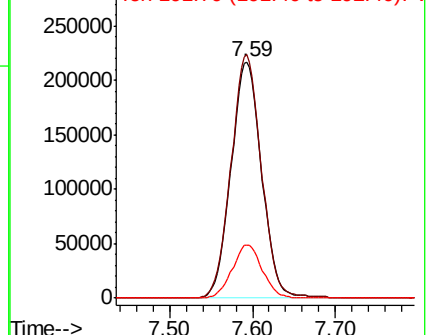
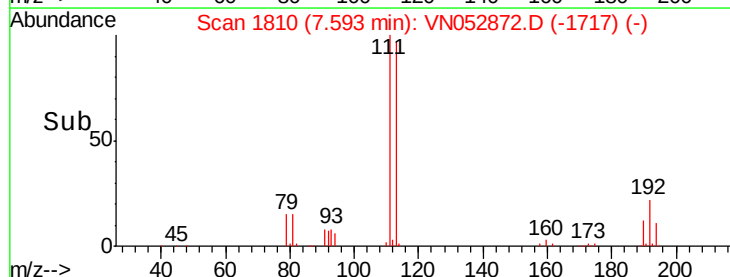
192 22.2 17.5 26.3

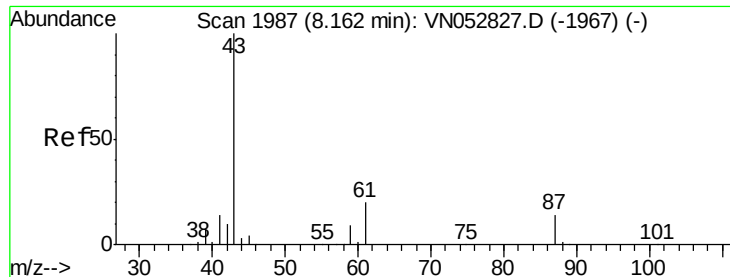


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.186 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052872.D

Acq: 13 Dec 2018 18:41

Instrument :

MSVOA_N

ClientSampleId :

PB115614ZHE#03

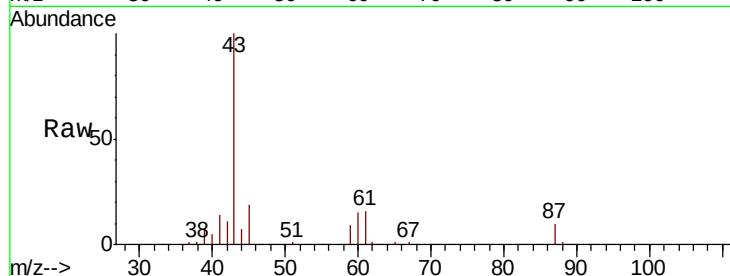
Tot Ion: 43 Resp: 70932

Ion Ratio Lower Upper

43 100

61 14.6 22.9 34.3#

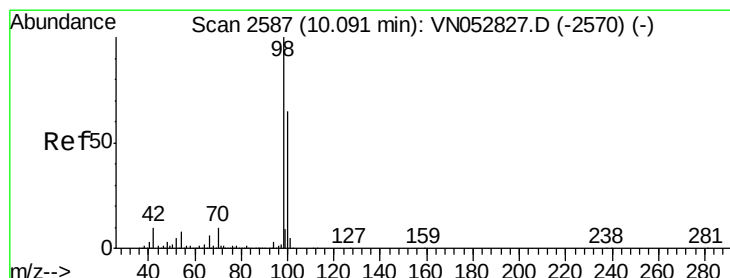
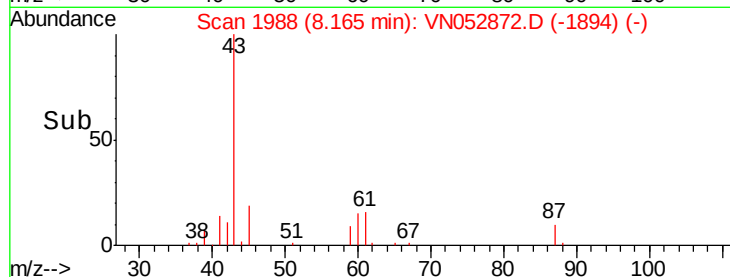
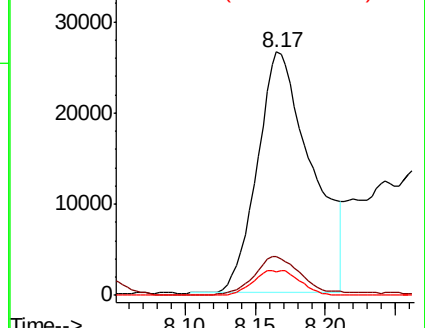
87 8.8 10.6 15.8#



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: VN052872.D

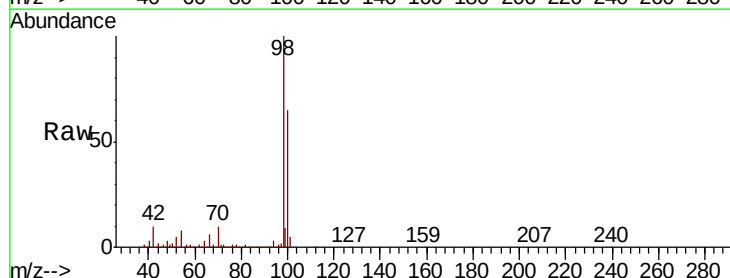
Acq: 13 Dec 2018 18:41

Tgt Ion: 98 Resp: 2384731

Ion Ratio Lower Upper

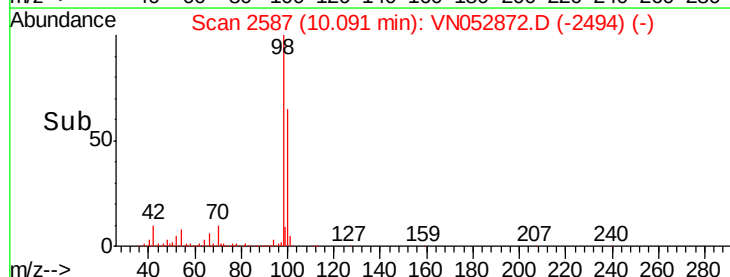
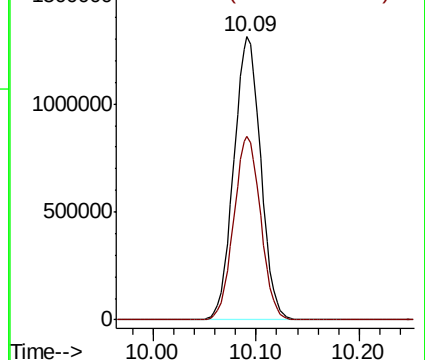
98 100

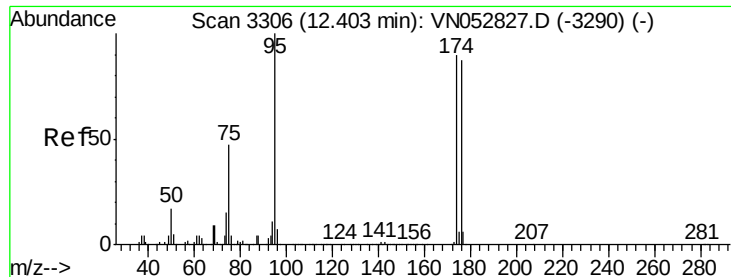
100 64.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

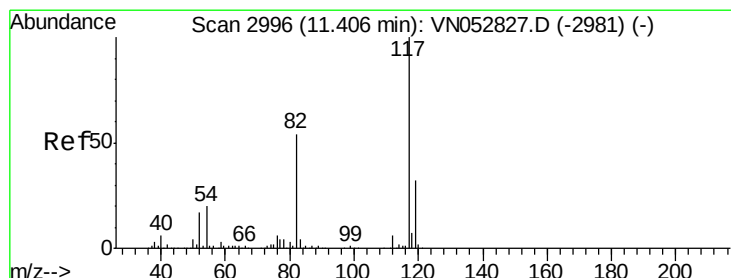
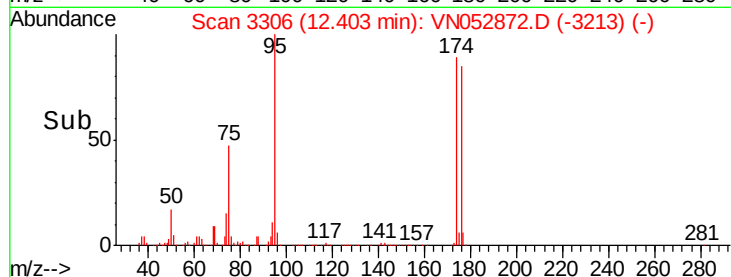
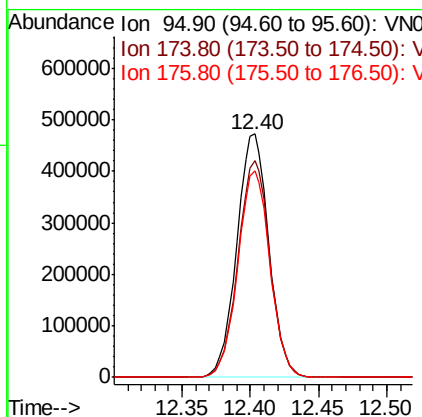
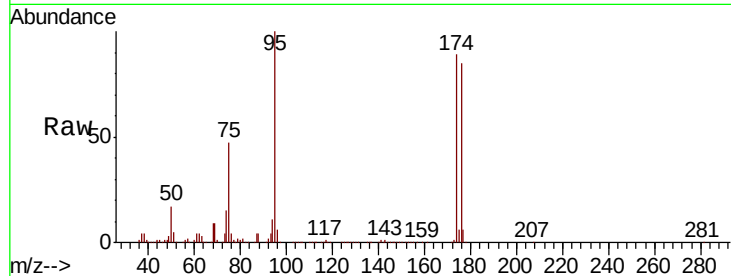




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.00 min
Lab File: VN052872.D
Acq: 13 Dec 2018 18:41

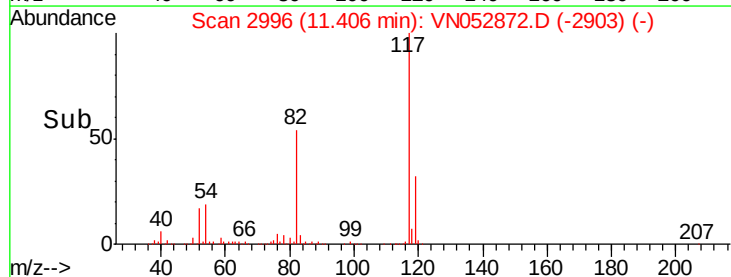
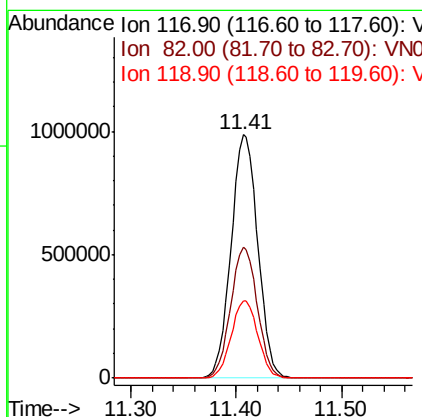
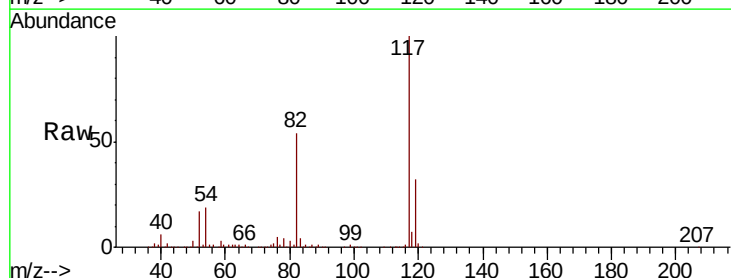
Instrument :
MSVOA_N
ClientSampleId :
PB115614ZHE#03

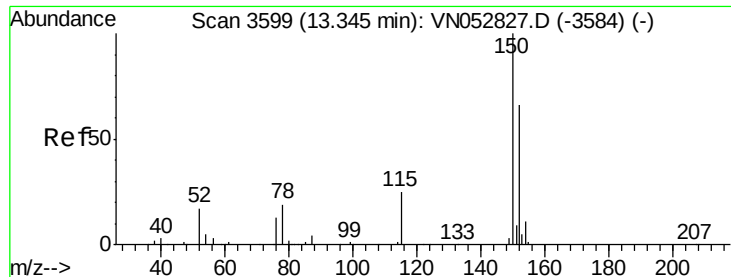
Tot Ion: 95 Resp: 768834
Ion Ratio Lower Upper
95 100
174 88.9 0.0 178.8
176 85.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052872.D
Acq: 13 Dec 2018 18:41

Tgt Ion: 117 Resp: 1723094
Ion Ratio Lower Upper
117 100
82 53.7 42.8 64.2
119 31.9 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN052872.D

Acq: 13 Dec 2018 18:41

Instrument :

MSVOA_N

ClientSampleId :

PB115614ZHE#03

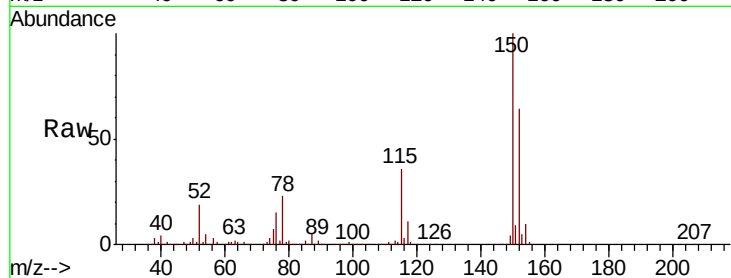
Tot Ion:152 Resp: 673197

Ion Ratio Lower Upper

152 100

115 56.8 28.3 85.0

150 157.2 0.0 347.8



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

