

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121318\
 Data File : VN052870.D
 Acq On : 13 Dec 2018 17:48
 Operator : MD\SY
 Sample : PB115614ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115614ZHE#01

Quant Time: Dec 14 03:14:07 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

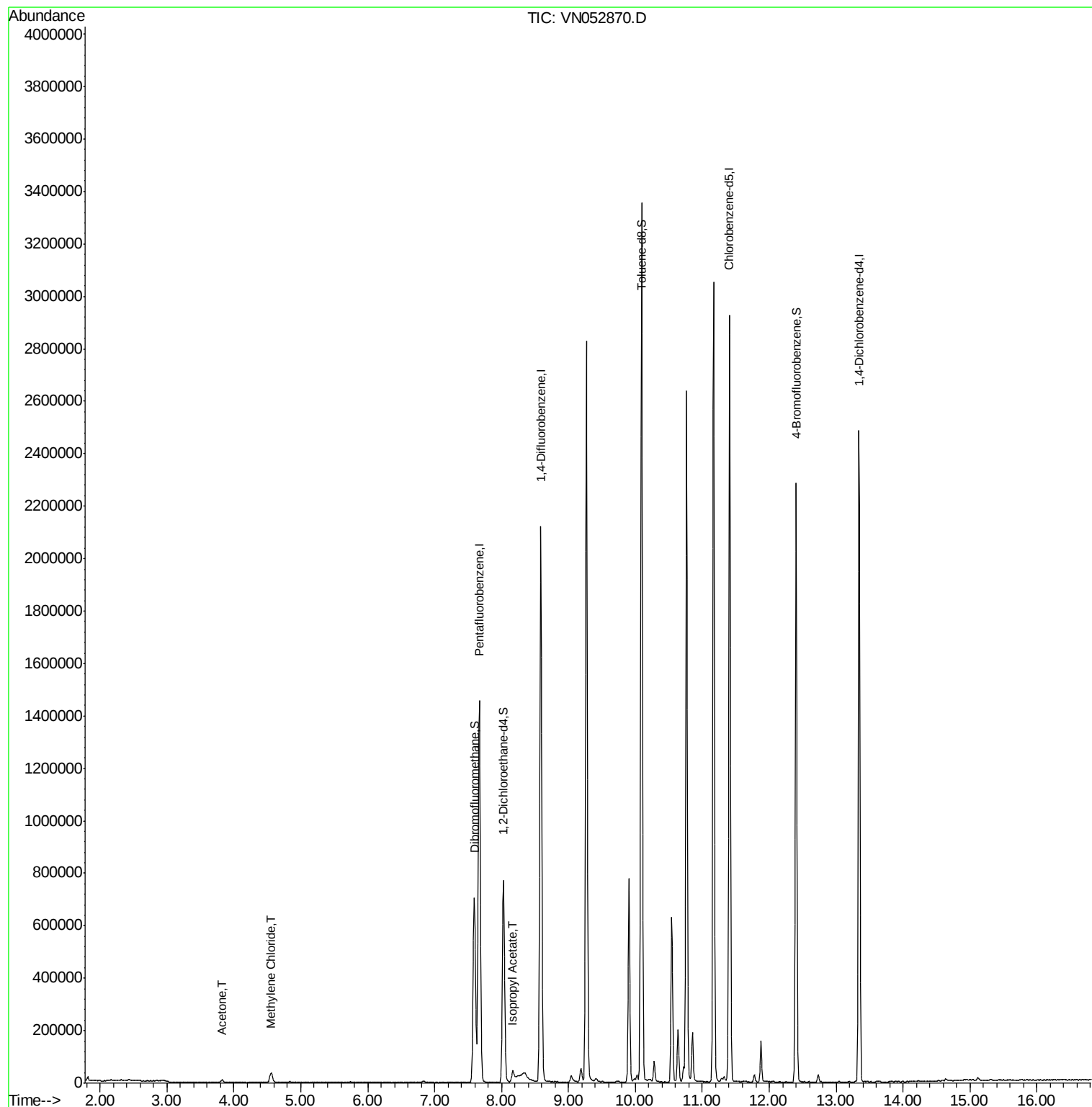
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1282319	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1958892	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1746276	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	702949	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	649382	47.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.26%	
35) Dibromofluoromethane	7.59	113	556307	50.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.76%	
50) Toluene-d8	10.09	98	2407096	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.54%	
62) 4-Bromofluorobenzene	12.40	95	782496	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
Target Compounds						
16) Acetone	3.82	43	18211	5.947	ug/l	94
20) Methylene Chloride	4.55	84	28096	2.039	ug/l	98
43) Isopropyl Acetate	8.17	43	59851	2.694	ug/l #	83

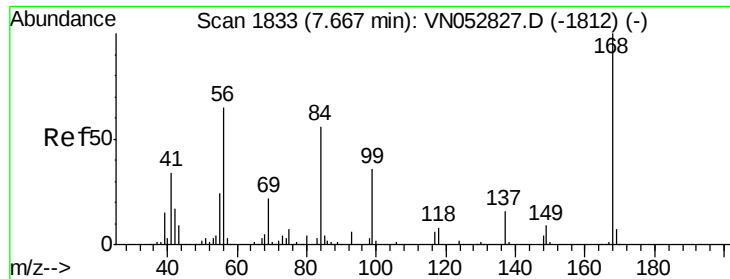
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 13 01:08:35 2018
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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: VN052870.D

Acq: 13 Dec 2018 17:48

Instrument :

MSVOA_N

ClientSampleId :

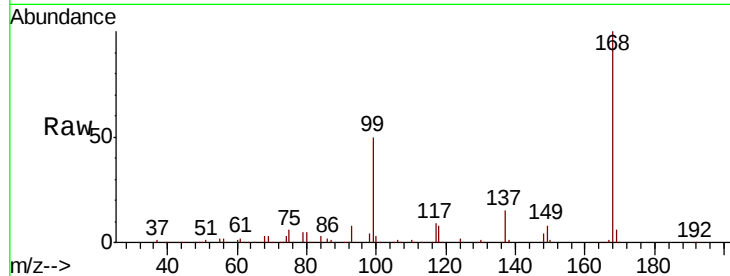
PB115614ZHE#01

Tot Ion:168 Resp: 1282319

Ion Ratio Lower Upper

168 100

99 50.0 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

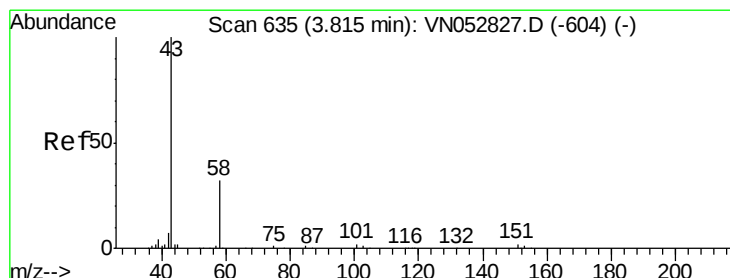
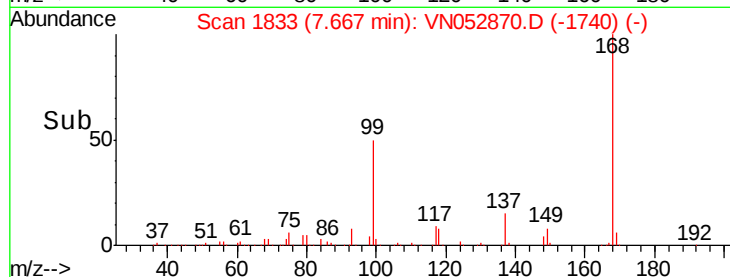
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 5.947 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052870.D

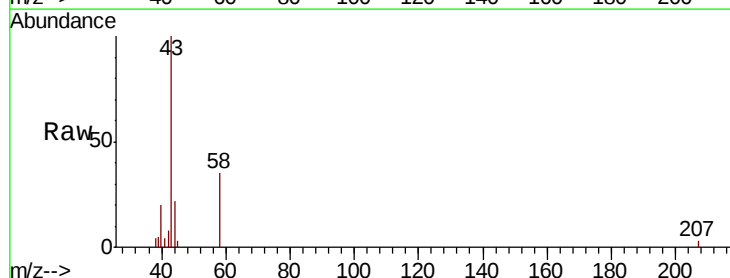
Acq: 13 Dec 2018 17:48

Tgt Ion: 43 Resp: 18211

Ion Ratio Lower Upper

43 100

58 34.8 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

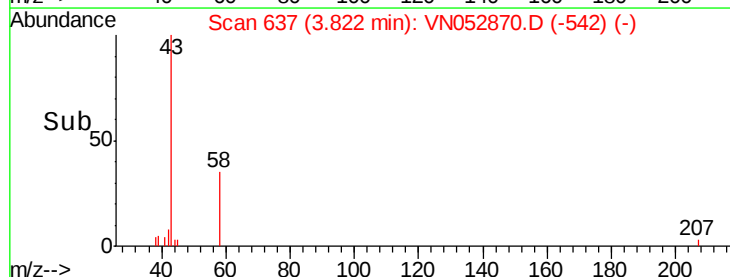
6000

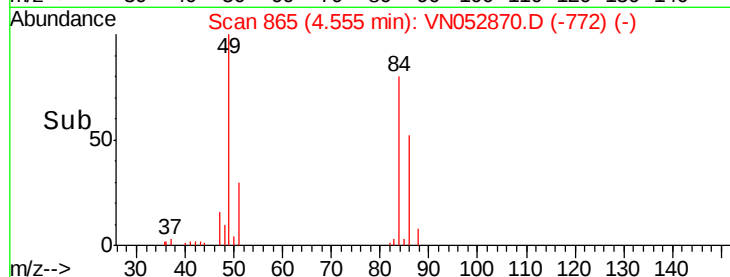
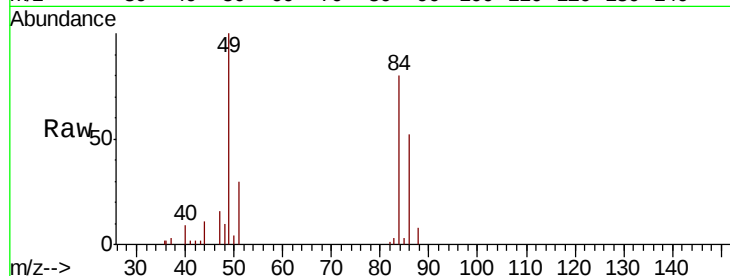
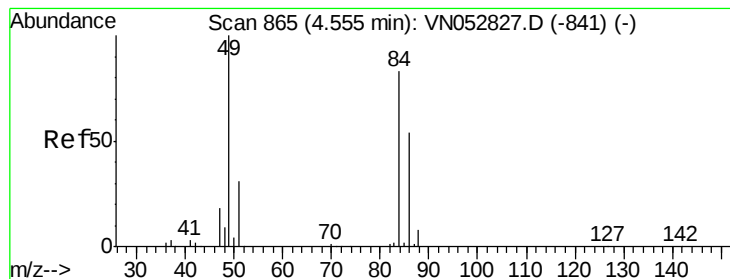
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 2.039 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN052870.D

Acq: 13 Dec 2018 17:48

Instrument :

MSVOA_N

ClientSampleId :

PB115614ZHE#01

Tot Ion: 84 Resp: 28096

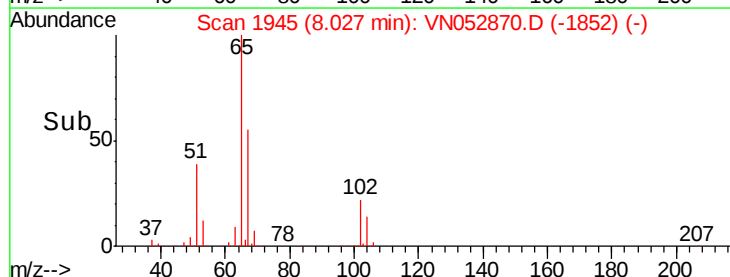
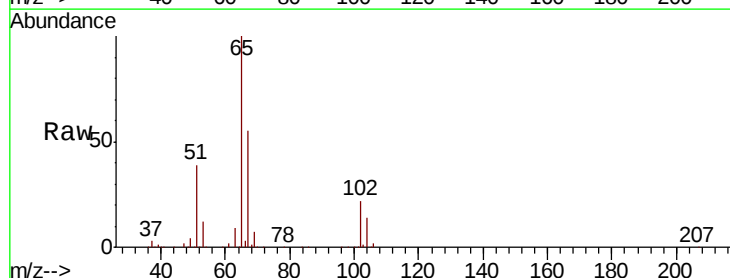
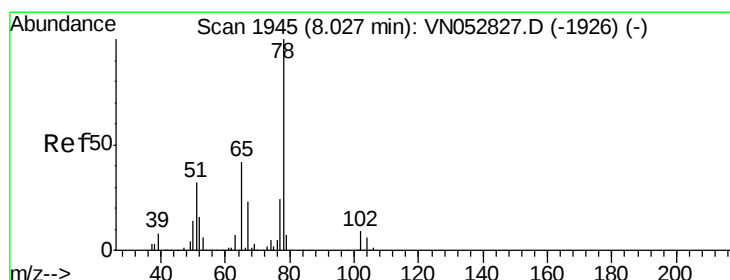
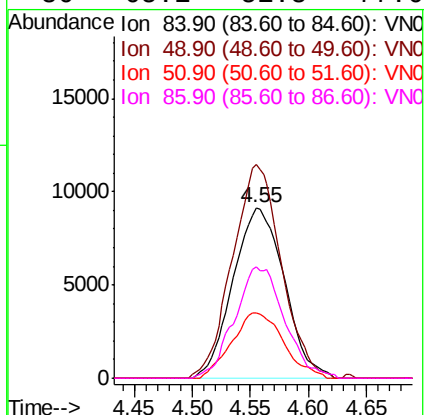
Ion Ratio Lower Upper

84 100

49 125.4 96.8 145.2

51 38.1 29.9 44.9

86 65.1 51.8 77.6



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN052870.D

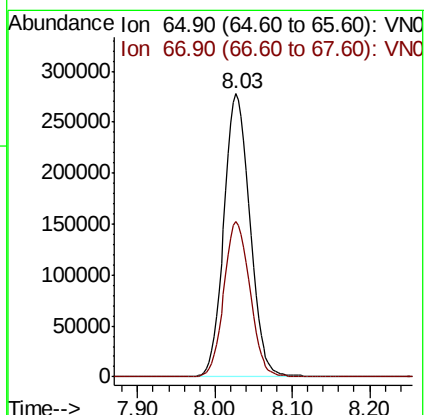
Acq: 13 Dec 2018 17:48

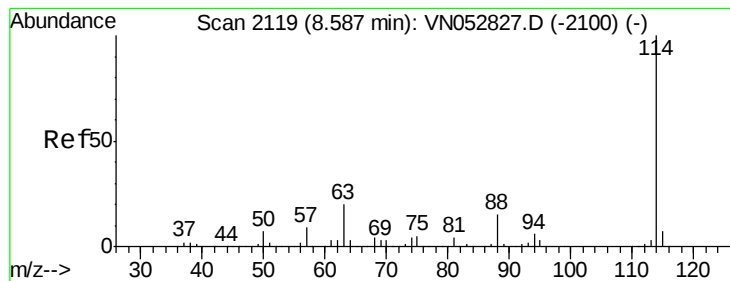
Tgt Ion: 65 Resp: 649382

Ion Ratio Lower Upper

65 100

67 54.9 0.0 110.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN052870.D

Acq: 13 Dec 2018 17:48

Instrument :

MSVOA_N

ClientSampleId :

PB115614ZHE#01

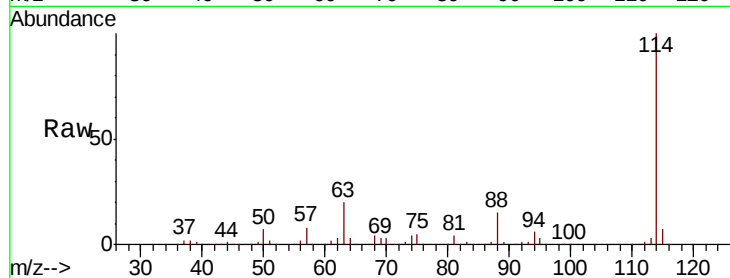
Tot Ion:114 Resp: 1958892

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.8

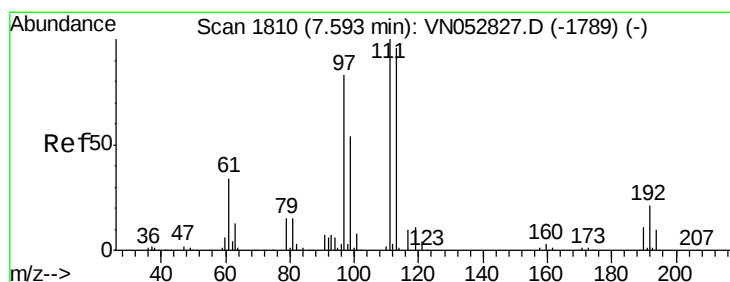
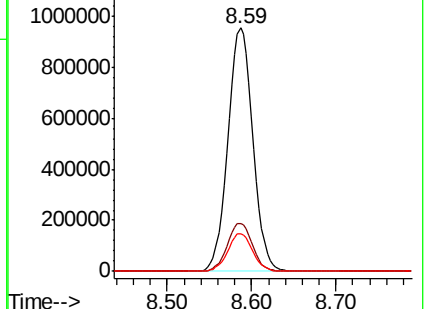
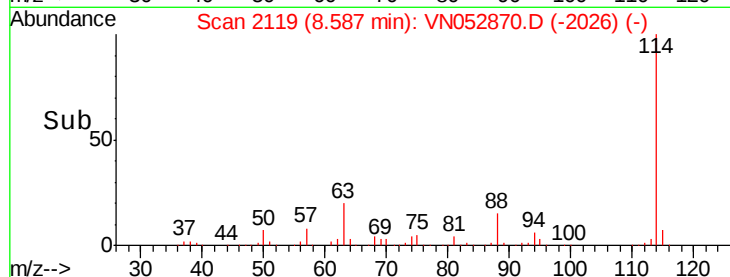
88 15.4 0.0 31.0



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: VN052870.D

Acq: 13 Dec 2018 17:48

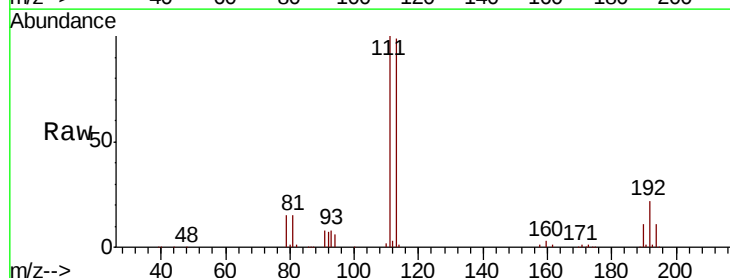
Tgt Ion:113 Resp: 556307

Ion Ratio Lower Upper

113 100

111 101.9 83.0 124.4

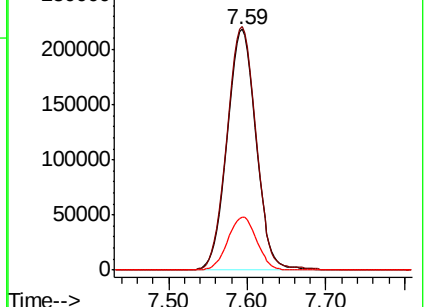
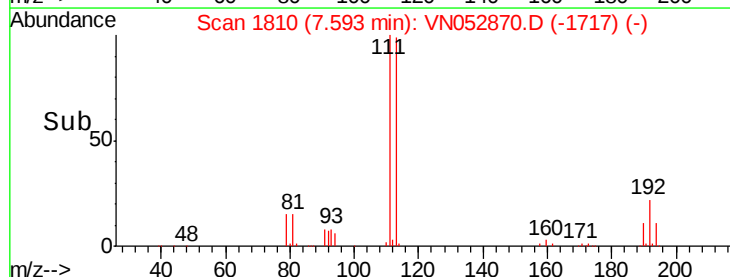
192 22.2 17.5 26.3

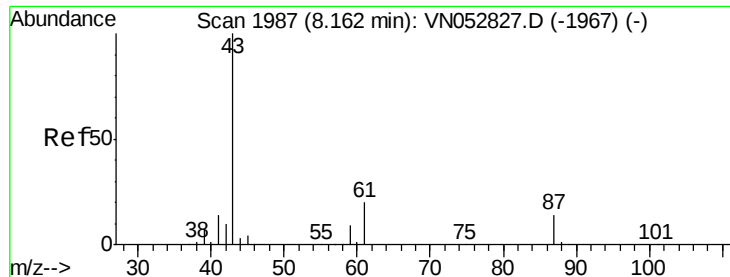


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.694 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052870.D

Acq: 13 Dec 2018 17:48

Instrument :

MSVOA_N

ClientSampleId :

PB115614ZHE#01

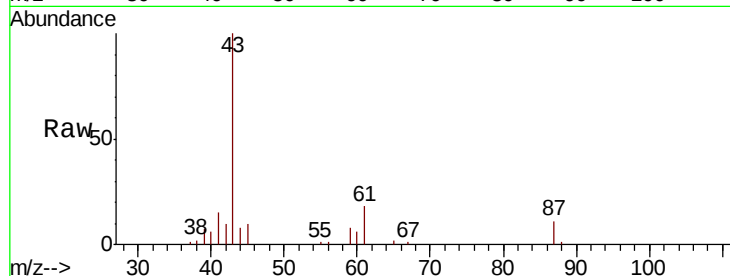
Tot Ion: 43 Resp: 59851

Ion Ratio Lower Upper

43 100

61 17.3 22.9 34.3#

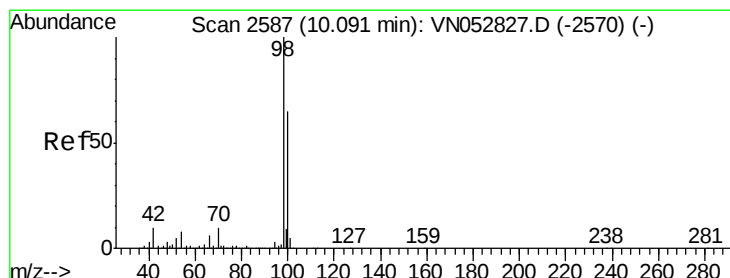
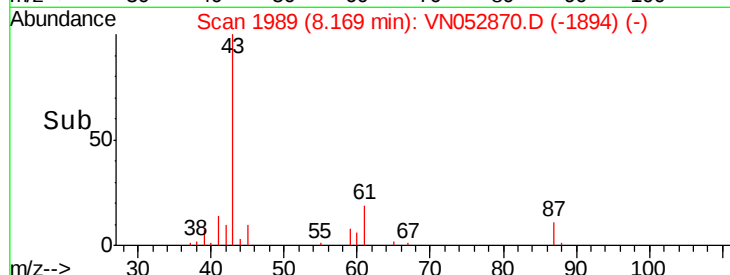
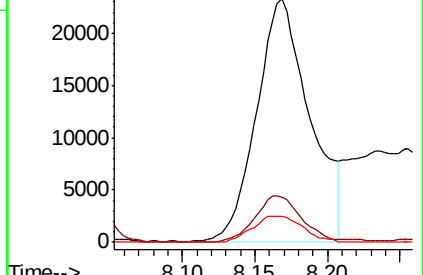
87 10.0 10.6 15.8#



Abundance Ion 43.00 (42.70 to 43.70): VN052870.D (-1967) (-)

Ion 61.00 (60.70 to 61.70): VN052870.D (-1967) (-)

Ion 87.00 (86.70 to 87.70): VN052870.D (-1967) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052870.D

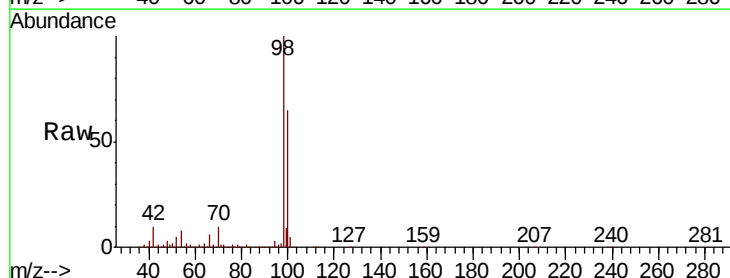
Acq: 13 Dec 2018 17:48

Tgt Ion: 98 Resp: 2407096

Ion Ratio Lower Upper

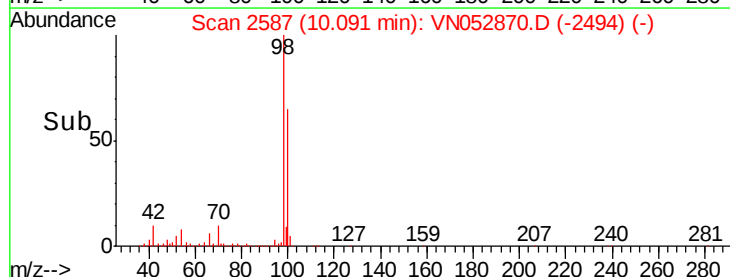
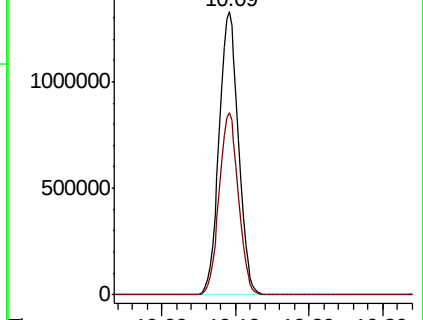
98 100

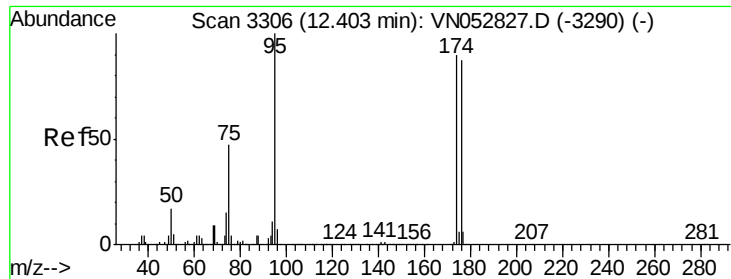
100 64.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN052870.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052870.D (-2570) (-)

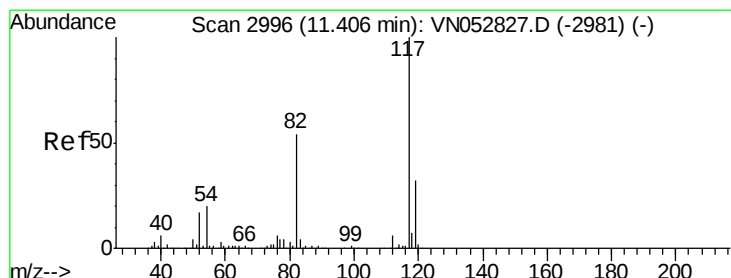
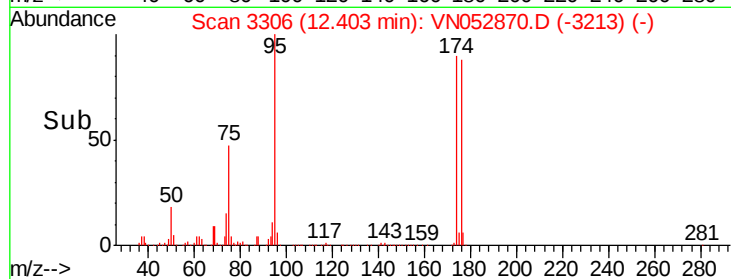
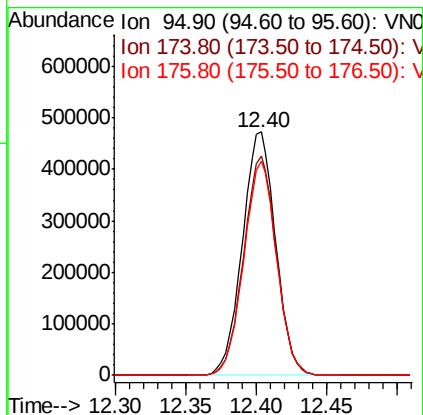
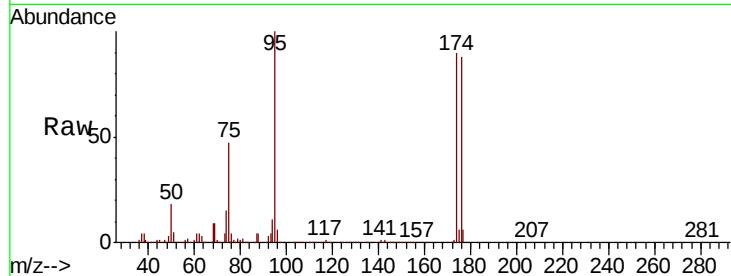




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052870.D
Acq: 13 Dec 2018 17:48

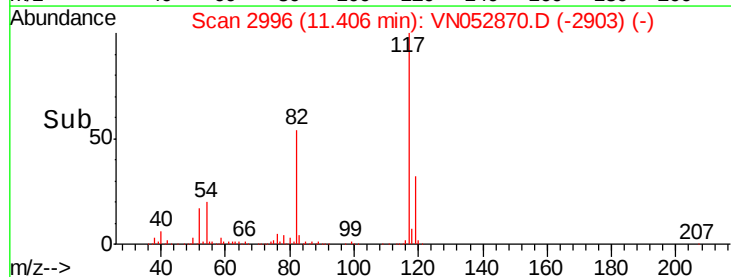
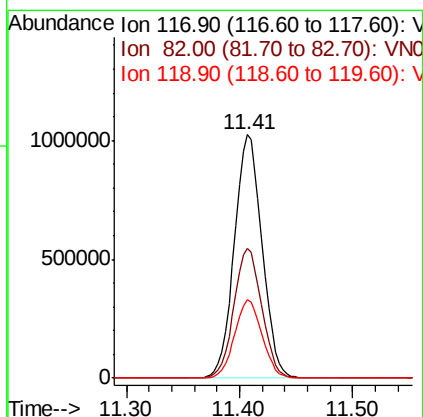
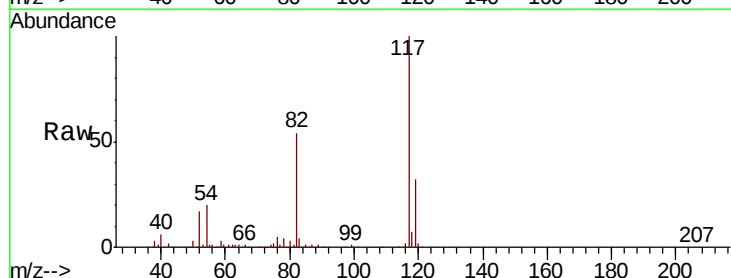
Instrument :
MSVOA_N
ClientSampleId :
PB115614ZHE#01

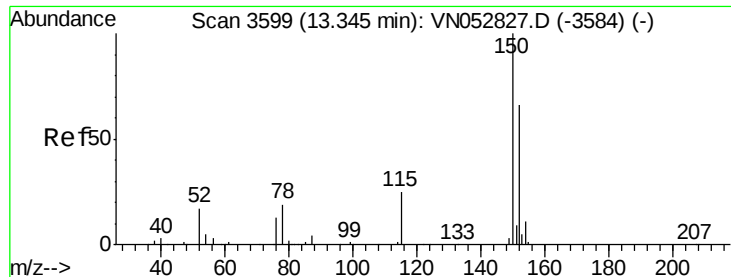
Tot Ion: 95 Resp: 782496
Ion Ratio Lower Upper
95 100
174 88.9 0.0 178.8
176 86.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052870.D
Acq: 13 Dec 2018 17:48

Tgt Ion: 117 Resp: 1746276
Ion Ratio Lower Upper
117 100
82 53.5 42.8 64.2
119 32.0 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN052870.D

Acq: 13 Dec 2018 17:48

Instrument :

MSVOA_N

ClientSampleId :

PB115614ZHE#01

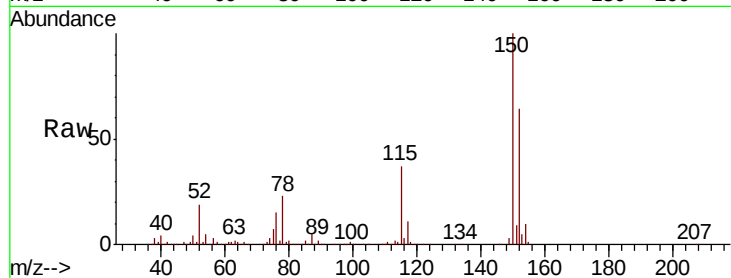
Tot Ion:152 Resp: 702949

Ion Ratio Lower Upper

152 100

115 57.0 28.3 85.0

150 156.3 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

