

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101918\
 Data File : VN051947.D
 Acq On : 19 Oct 2018 14:54
 Operator : MD\SY
 Sample : PB113937ZHE#08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113937ZHE#08

Quant Time: Oct 20 00:07:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101718W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 19 05:11:28 2018
 Response via : Initial Calibration

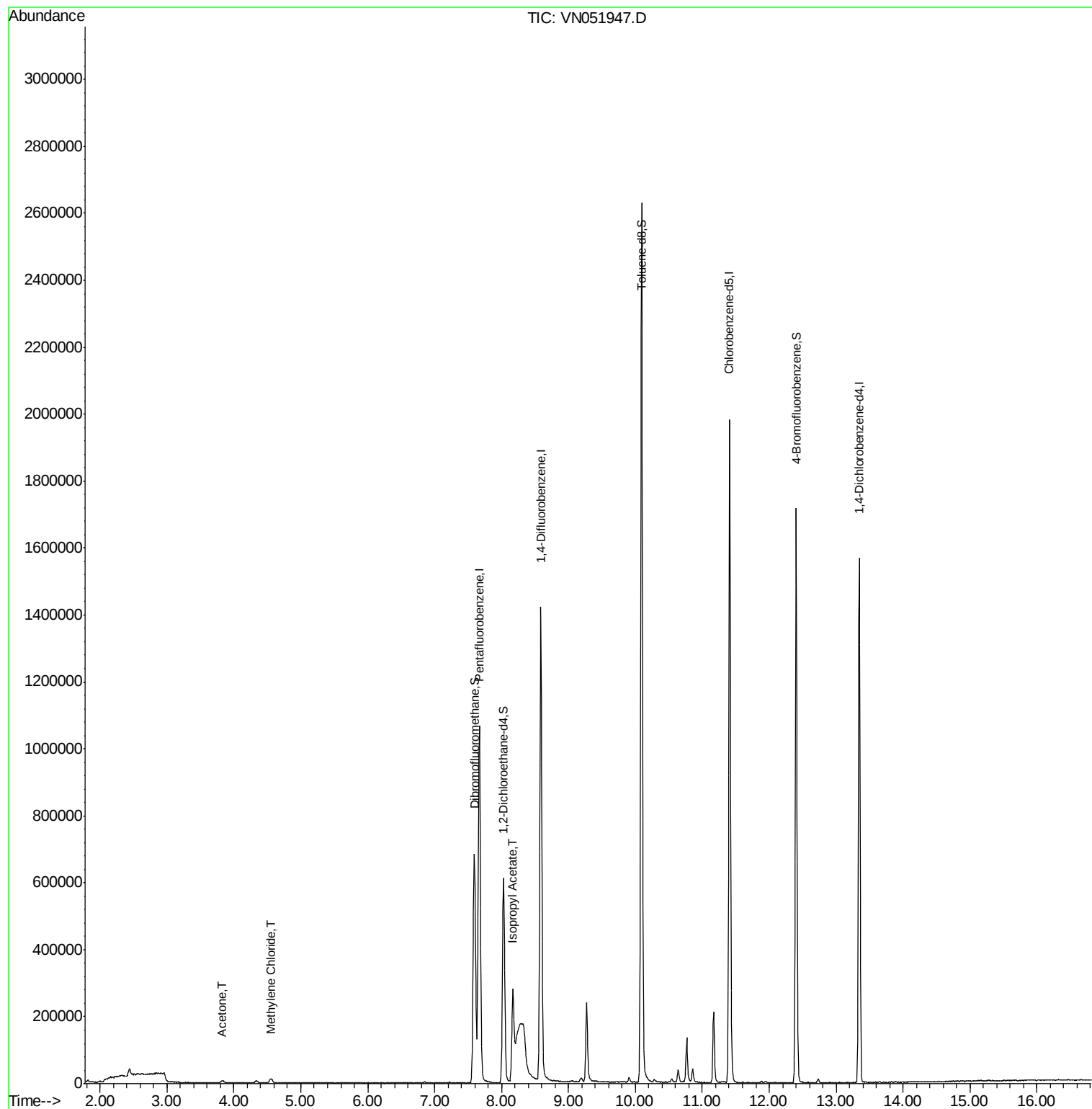
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	953215	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1399726	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1260270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	465244	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	527280	59.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.34%	
35) Dibromofluoromethane	7.59	113	521713	58.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.28%	
50) Toluene-d8	10.09	98	1941634	59.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.92%	
62) 4-Bromofluorobenzene	12.40	95	557097	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.08%	
Target Compounds						
16) Acetone	3.83	43	11228	7.175	ug/l	91
20) Methylene Chloride	4.54	84	10444	1.313	ug/l #	90
43) Isopropyl Acetate	8.17	43	349691	35.046	ug/l #	82

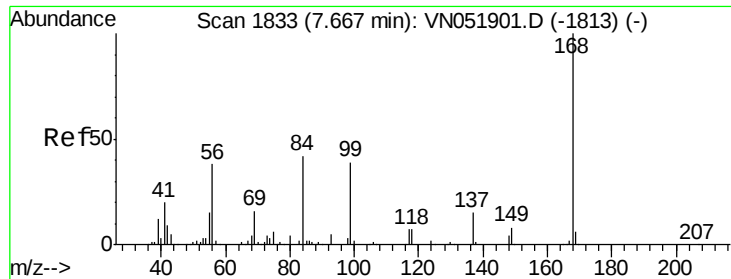
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051947.D

Acq: 19 Oct 2018 14:54

Instrument :

MSVOA_N

ClientSampleId :

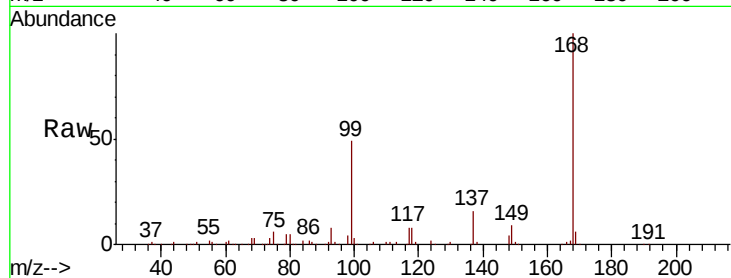
PB113937ZHE#08

Tot Ion:168 Resp: 953215

Ion Ratio Lower Upper

168 100

99 48.6 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

400000

300000

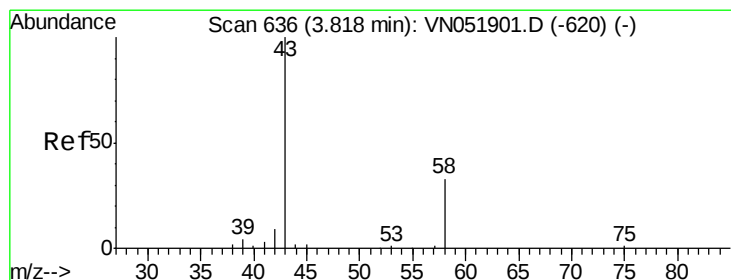
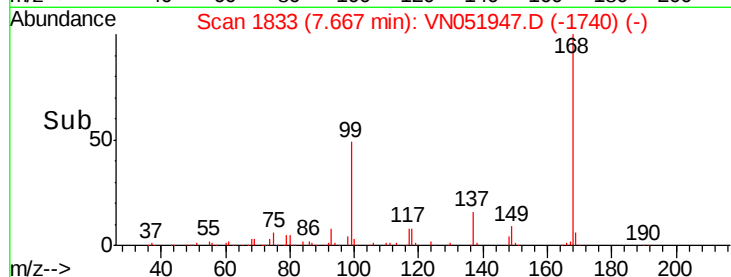
200000

100000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 7.175 ug/l

RT: 3.83 min Scan# 641

Delta R.T. 0.02 min

Lab File: VN051947.D

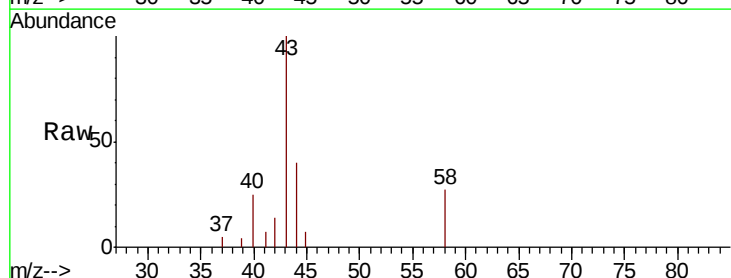
Acq: 19 Oct 2018 14:54

Tgt Ion: 43 Resp: 11228

Ion Ratio Lower Upper

43 100

58 27.4 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.83

4000

3000

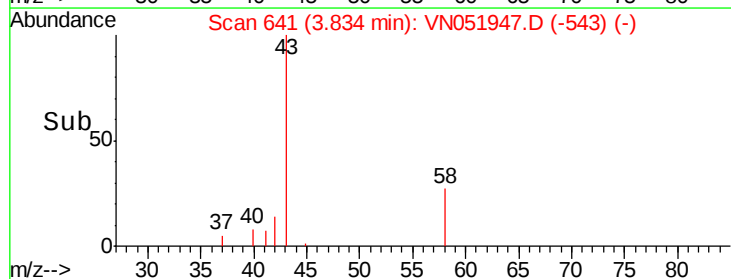
2000

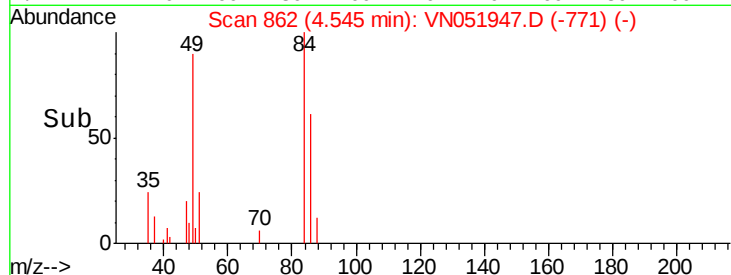
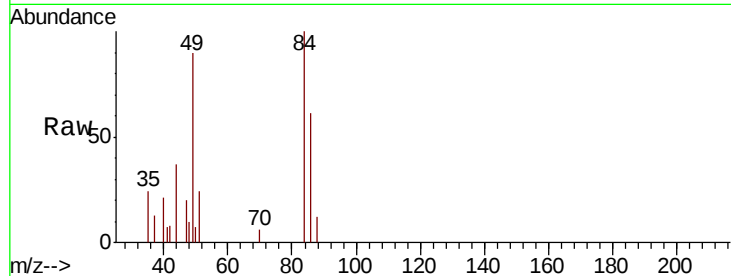
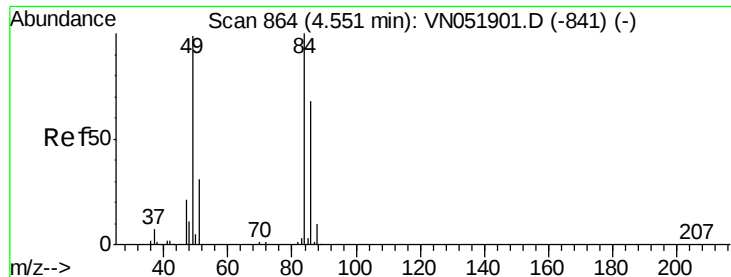
1000

0

3.70 3.75 3.80 3.85 3.90

Time-->

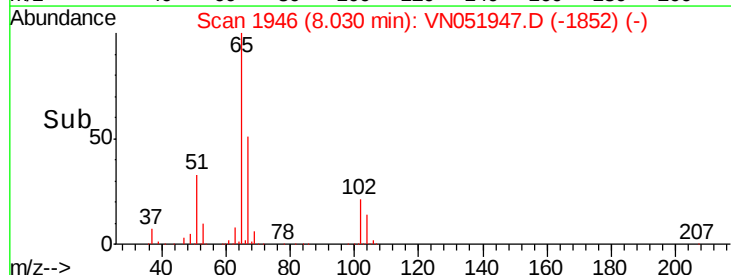
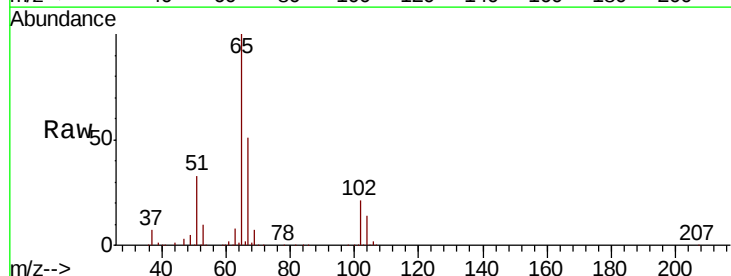
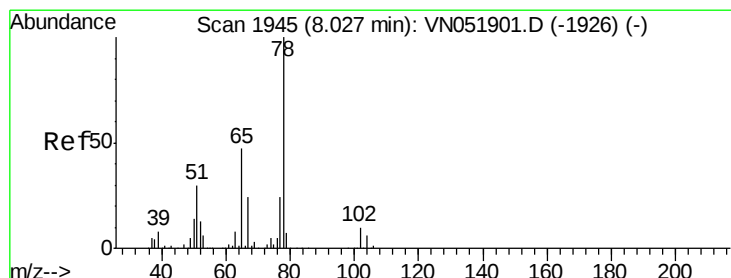
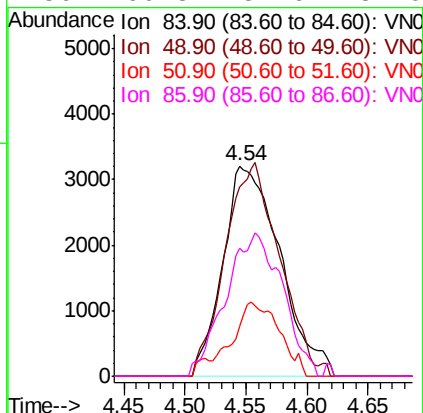




#20
Methvlene Chloride
Concen: 1.313 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.01 min
Lab File: VN051947.D
Acq: 19 Oct 2018 14:54

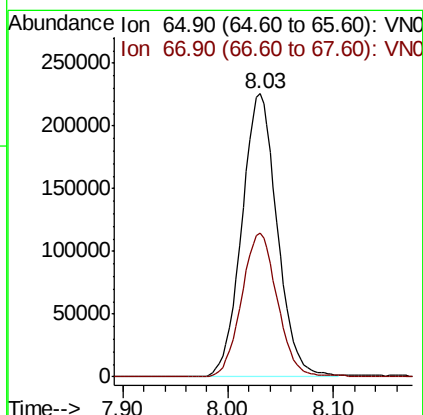
Instrument :
MSVOA_N
ClientSampleId :
PB113937ZHE#08

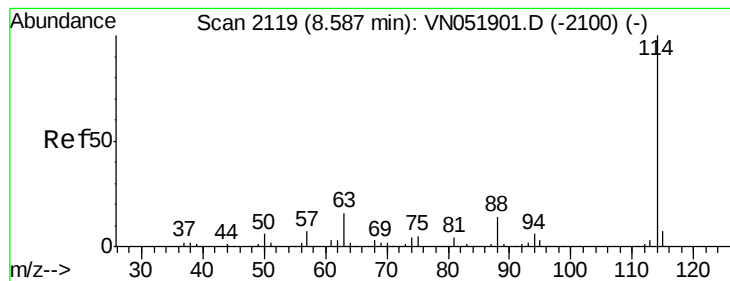
Tot Ion: 84 Resp: 10444
Ion Ratio Lower Upper
84 100
49 90.3 79.0 118.4
51 23.6 24.9 37.3#
86 60.8 54.6 82.0



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051947.D
Acq: 19 Oct 2018 14:54

Tgt Ion: 65 Resp: 527280
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN051947.D

Acq: 19 Oct 2018 14:54

Instrument :

MSVOA_N

ClientSampleId :

PB113937ZHE#08

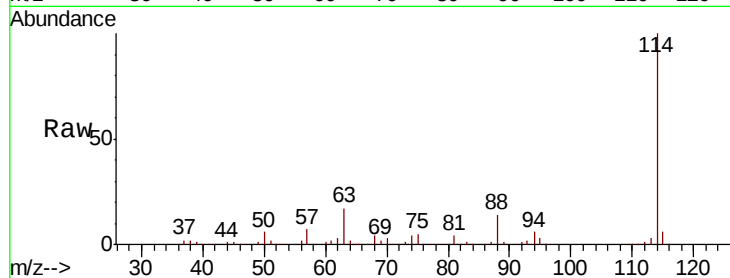
Tot Ion:114 Resp: 1399726

Ion Ratio Lower Upper

114 100

63 16.6 0.0 31.8

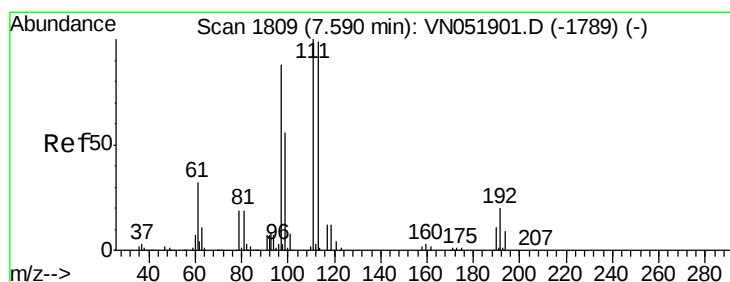
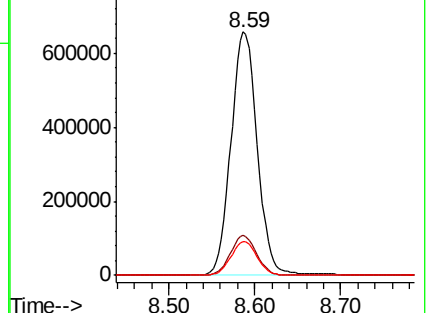
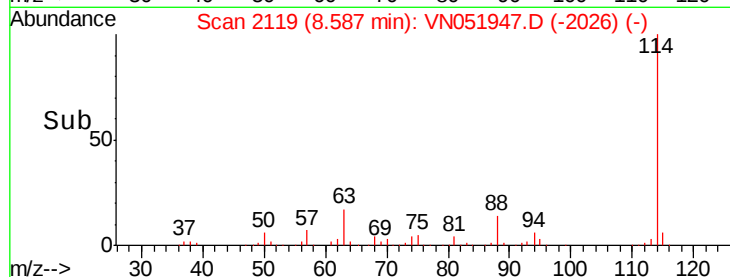
88 13.9 0.0 28.0



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: VN051947.D

Acq: 19 Oct 2018 14:54

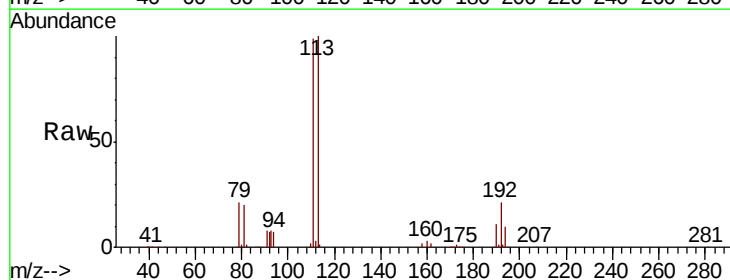
Tgt Ion:113 Resp: 521713

Ion Ratio Lower Upper

113 100

111 102.1 82.6 123.8

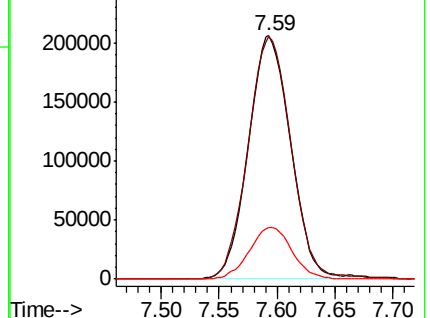
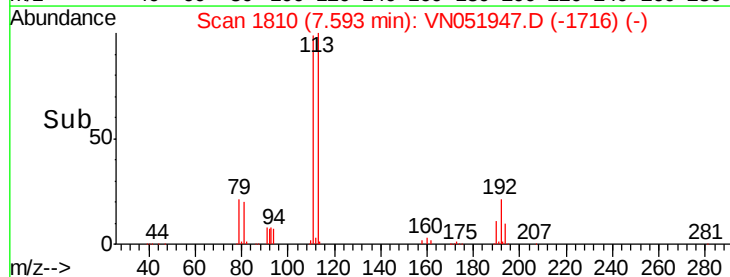
192 21.7 17.3 25.9

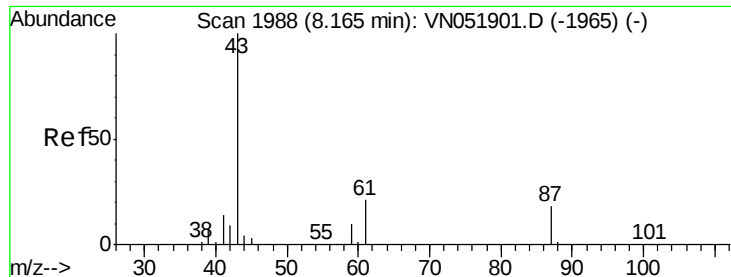


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 35.046 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051947.D

Acq: 19 Oct 2018 14:54

Instrument :

MSVOA_N

ClientSampleId :

PB113937ZHE#08

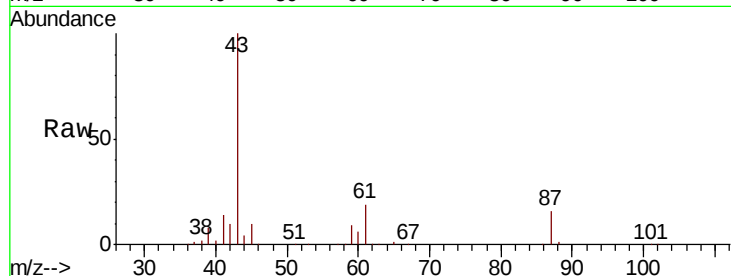
Tot Ion: 43 Resp: 349691

Ion Ratio Lower Upper

43 100

61 17.7 24.9 37.3#

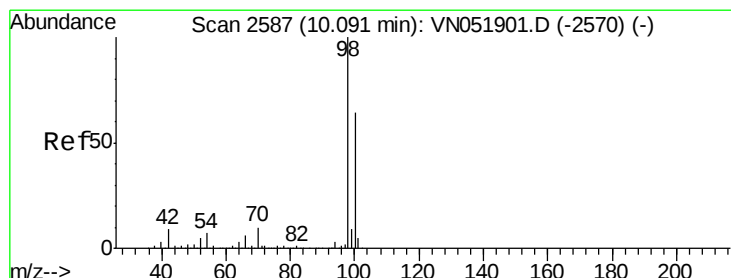
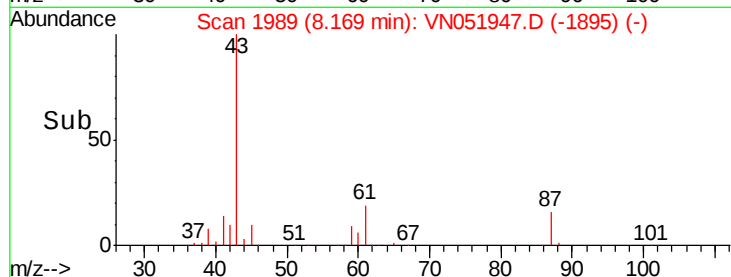
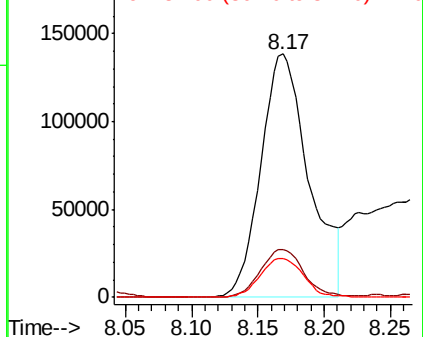
87 14.7 14.6 22.0



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: VN051947.D

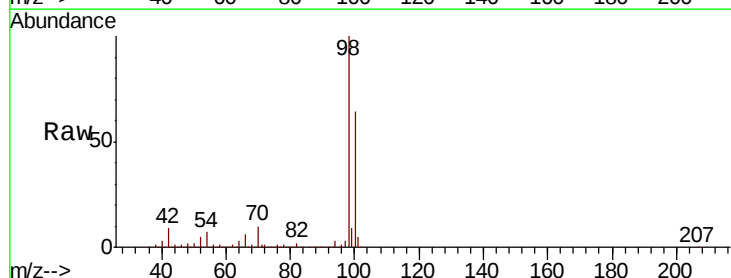
Acq: 19 Oct 2018 14:54

Tgt Ion: 98 Resp: 1941634

Ion Ratio Lower Upper

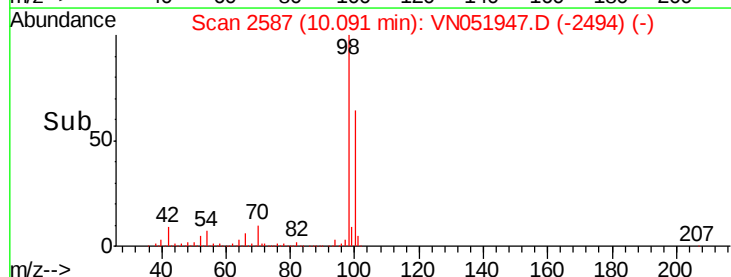
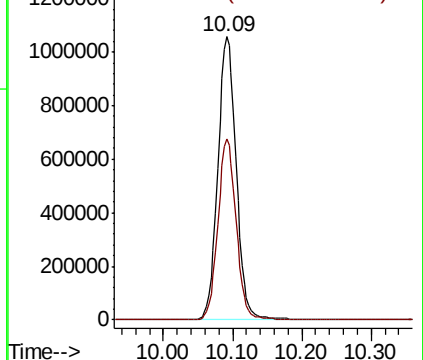
98 100

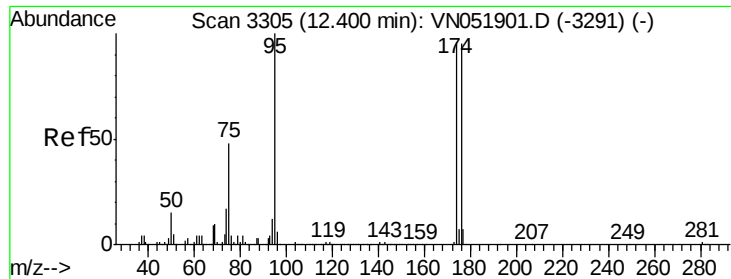
100 63.6 51.0 76.4



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: VN051947.D

Acq: 19 Oct 2018 14:54

Instrument :

MSVOA_N

ClientSampleId :

PB113937ZHE#08

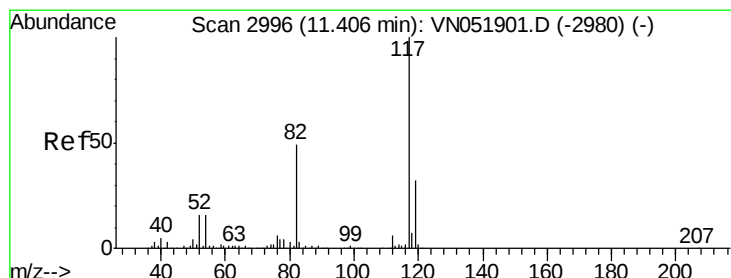
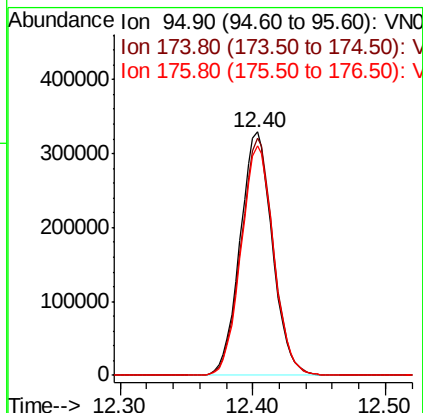
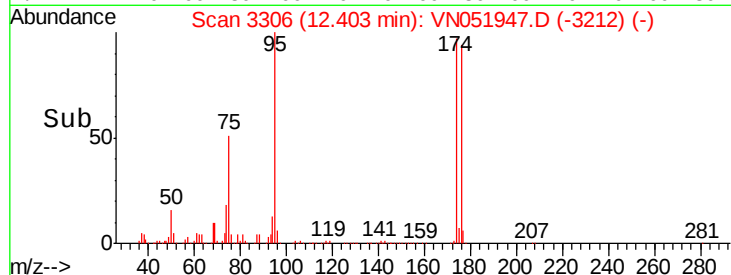
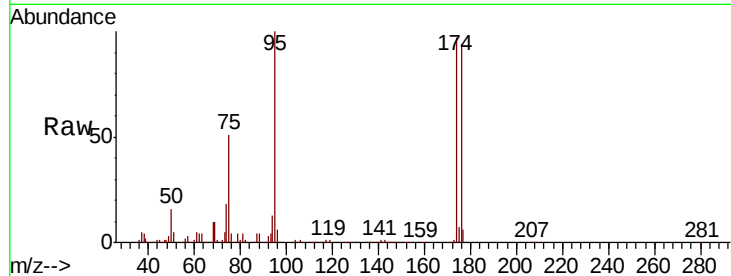
Tot Ion: 95 Resp: 557097

Ion Ratio Lower Upper

95 100

174 98.0 0.0 195.0

176 95.0 0.0 191.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN051947.D

Acq: 19 Oct 2018 14:54

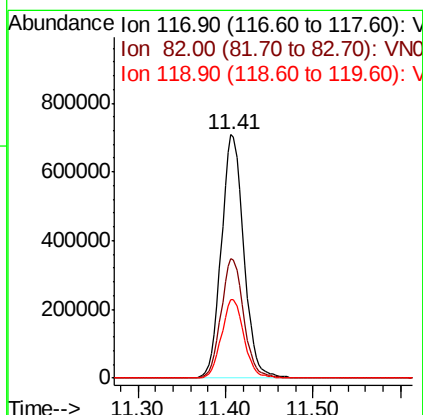
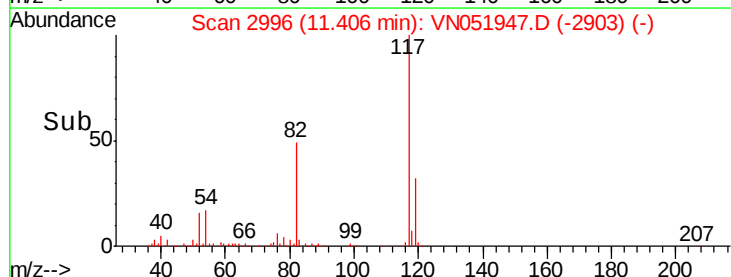
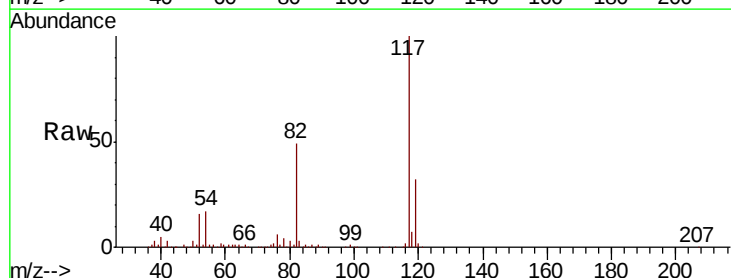
Tgt Ion: 117 Resp: 1260270

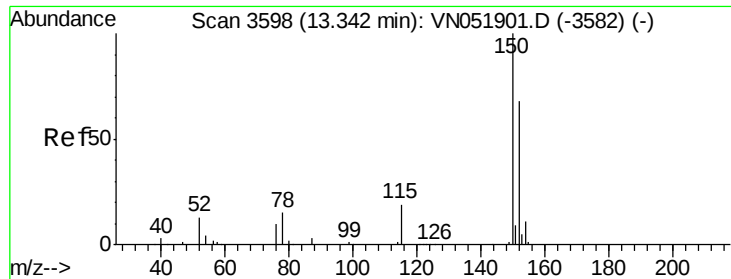
Ion Ratio Lower Upper

117 100

82 49.3 38.9 58.3

119 32.2 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051947.D

Acq: 19 Oct 2018 14:54

Instrument :

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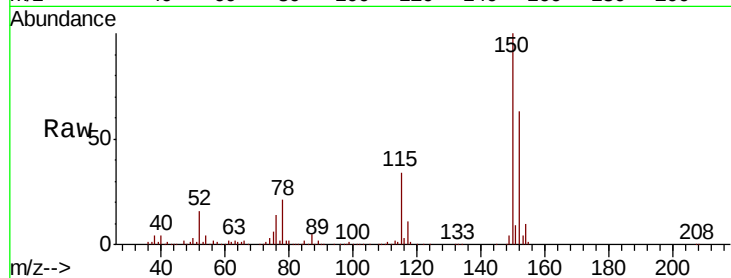
Tot Ion:152 Resp: 465244

Ion Ratio Lower Upper

152 100

115 54.7 26.7 80.1

150 155.7 0.0 346.4



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

