

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020619\
 Data File : VN053630.D
 Acq On : 6 Feb 2019 13:09
 Operator : JC/SP
 Sample : PB116860ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116860ZHE#03

Quant Time: Feb 07 04:15:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

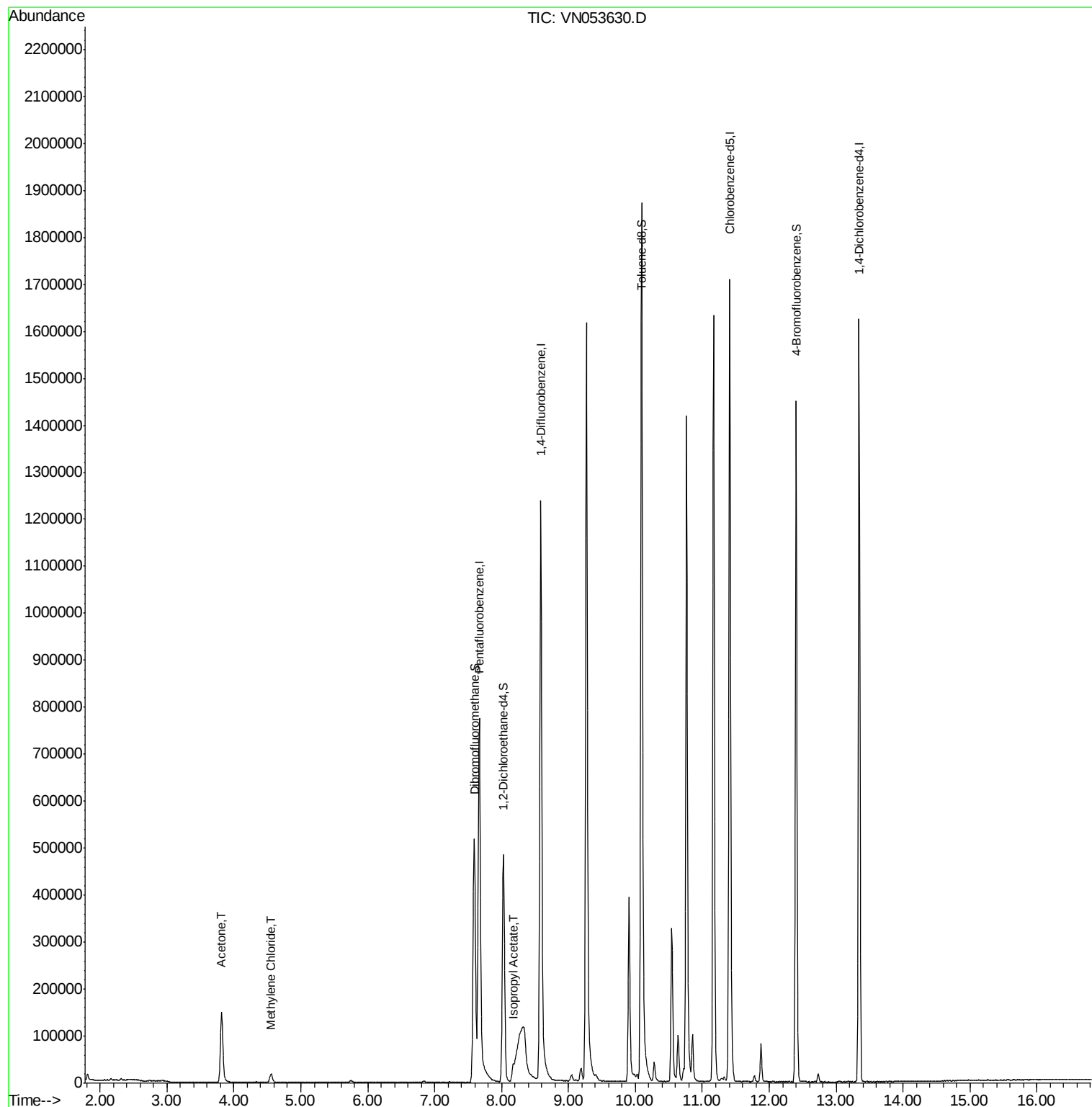
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	782398	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1292779	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1155787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	471073	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	415843	52.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.96%	
35) Dibromofluoromethane	7.59	113	410928	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.62%	
50) Toluene-d8	10.09	98	1545939	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.80%	
62) 4-Bromofluorobenzene	12.40	95	505015	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
Target Compounds						
16) Acetone	3.82	43	253395	125.862	ug/l	100
20) Methylene Chloride	4.56	84	14943	1.769	ug/l	94
43) Isopropyl Acetate	8.17	43	38204	3.039	ug/l #	81

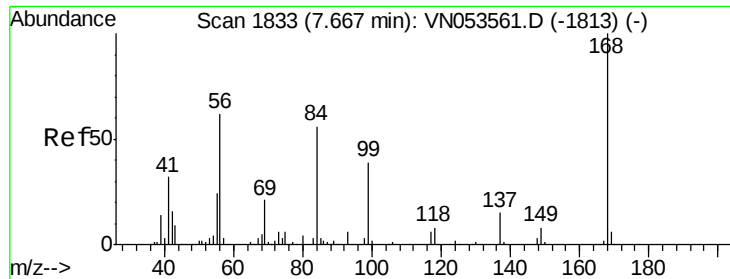
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 01 09:11:52 2019
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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: VN053630.D

Acq: 6 Feb 2019 13:09

Instrument :

MSVOA_N

ClientSampleId :

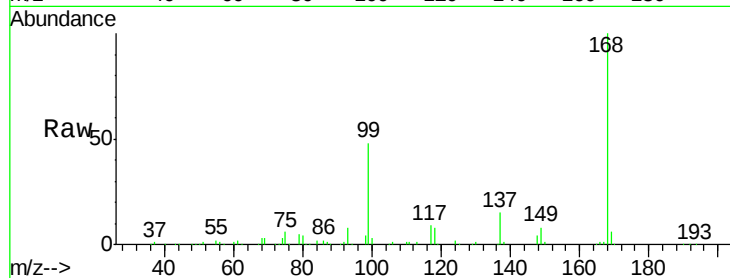
PB116860ZHE#03

Tot Ion:168 Resp: 782398

Ion Ratio Lower Upper

168 100

99 47.6 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

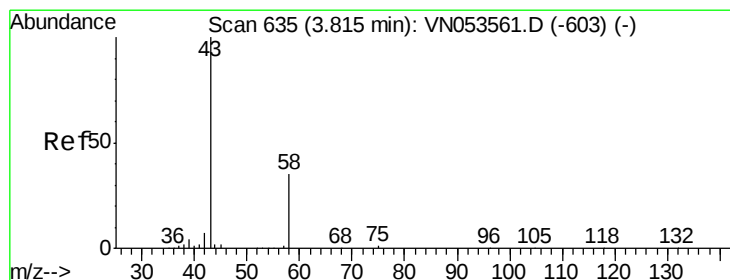
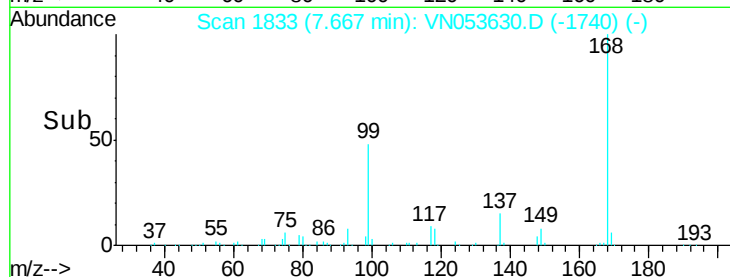
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 125.862 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053630.D

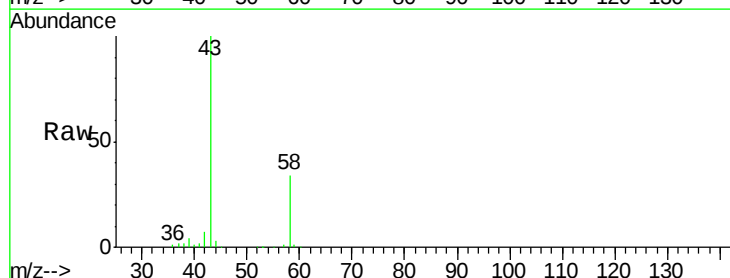
Acq: 6 Feb 2019 13:09

Tgt Ion: 43 Resp: 253395

Ion Ratio Lower Upper

43 100

58 34.1 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

100000

80000

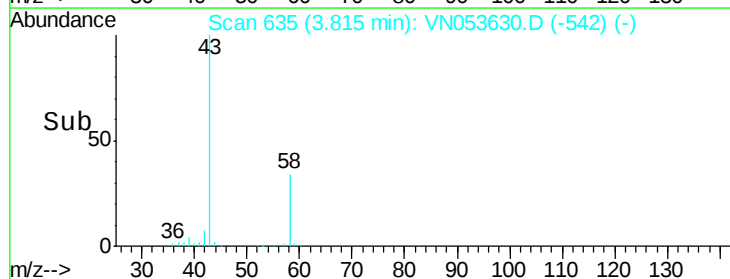
60000

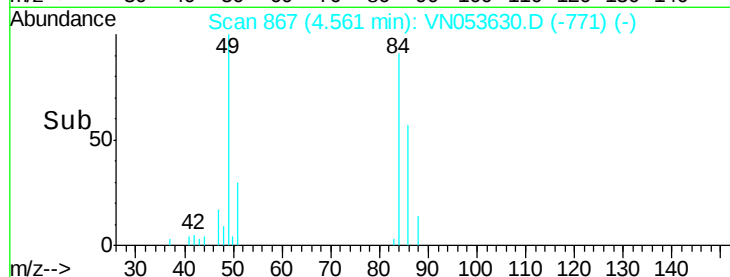
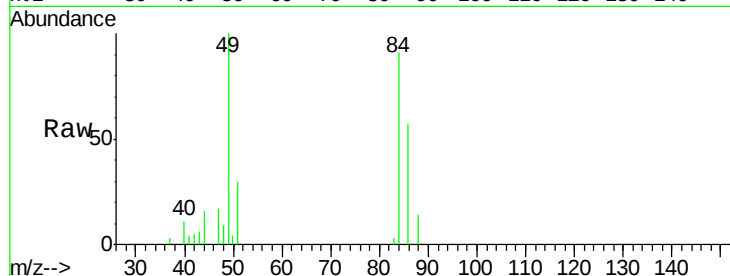
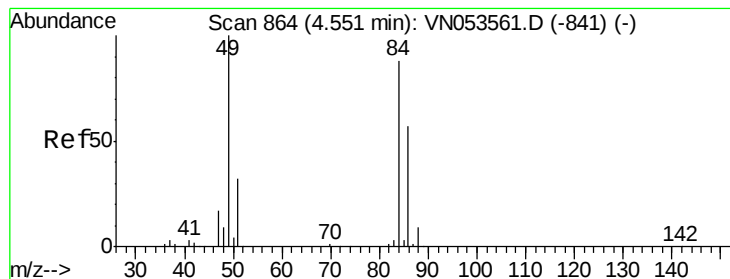
40000

20000

0

Time--> 3.70 3.80 3.90





#20

Methylene Chloride

Concen: 1.769 ug/l

RT: 4.56 min Scan# 867

Delta R.T. 0.01 min

Lab File: VN053630.D

Acq: 6 Feb 2019 13:09

Instrument :

MSVOA_N

ClientSampleId :

PB116860ZHE#03

Tot Ion: 84 Resp: 14943

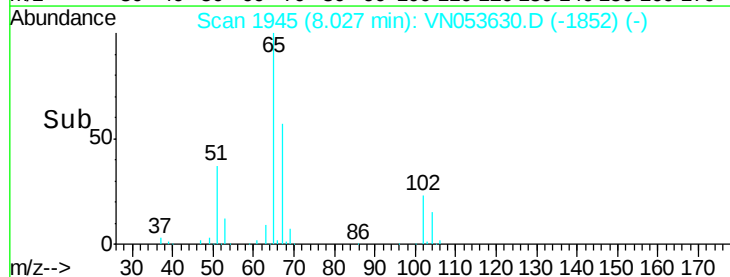
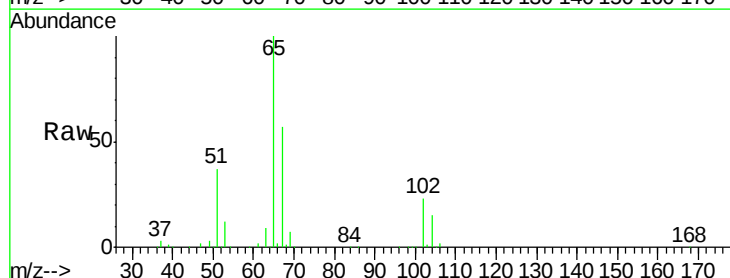
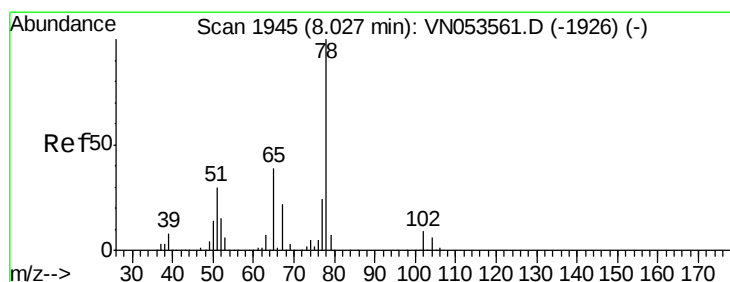
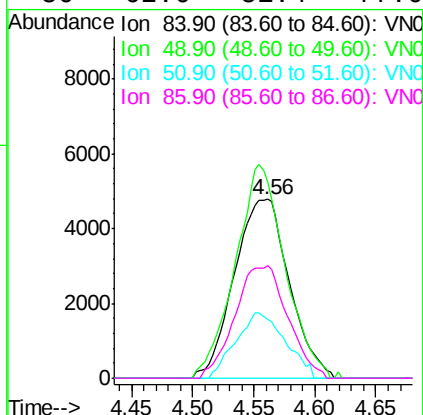
Ion Ratio Lower Upper

84 100

49 109.6 94.3 141.5

51 32.8 29.4 44.2

86 62.6 51.4 77.0



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053630.D

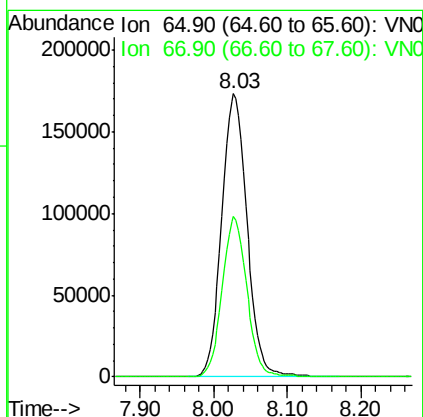
Acq: 6 Feb 2019 13:09

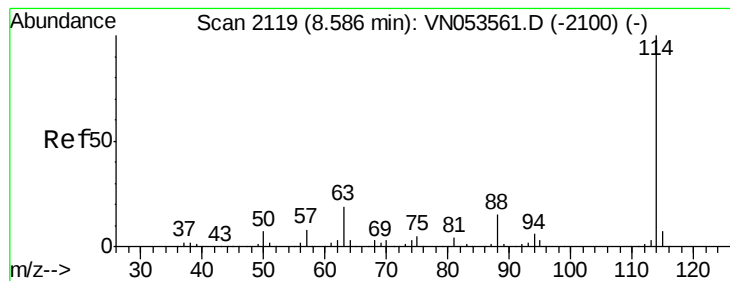
Tgt Ion: 65 Resp: 415843

Ion Ratio Lower Upper

65 100

67 55.1 0.0 111.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053630.D

Acq: 6 Feb 2019 13:09

Instrument :

MSVOA_N

ClientSampleId :

PB116860ZHE#03

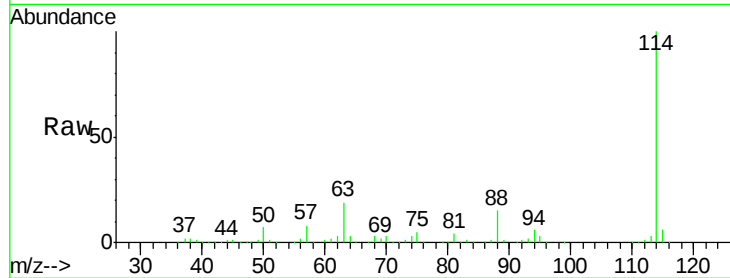
Tot Ion:114 Resp: 1292779

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.6

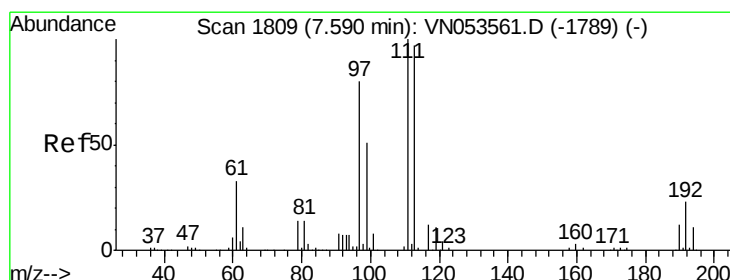
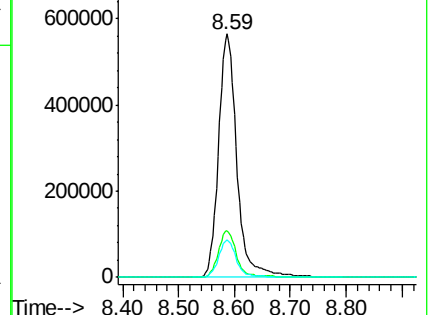
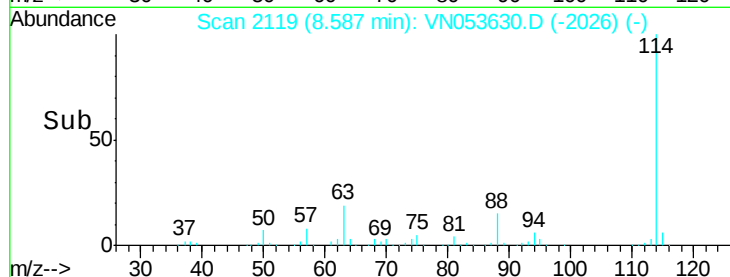
88 15.2 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053630.D

Acq: 6 Feb 2019 13:09

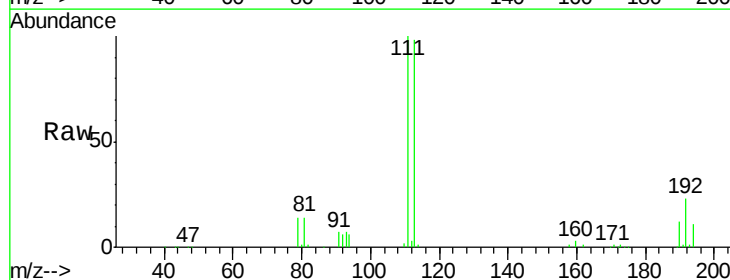
Tgt Ion:113 Resp: 410928

Ion Ratio Lower Upper

113 100

111 101.9 81.1 121.7

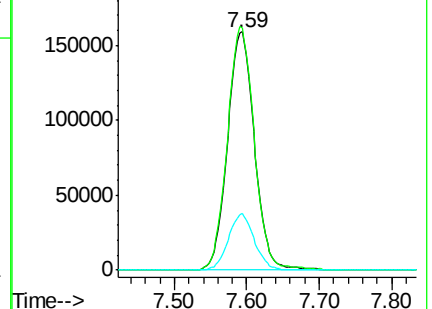
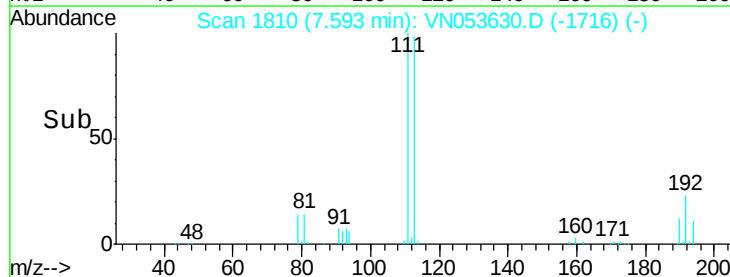
192 22.8 18.2 27.2

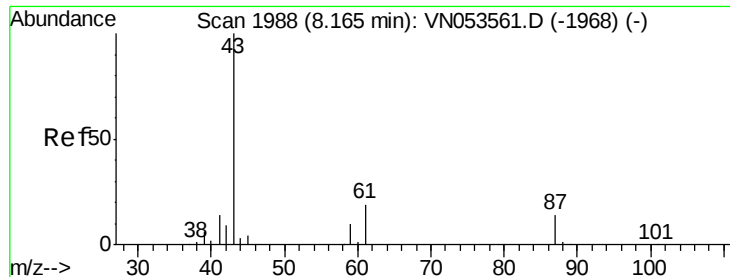


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.039 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN053630.D

Acq: 6 Feb 2019 13:09

Instrument :

MSVOA_N

ClientSampleId :

PB116860ZHE#03

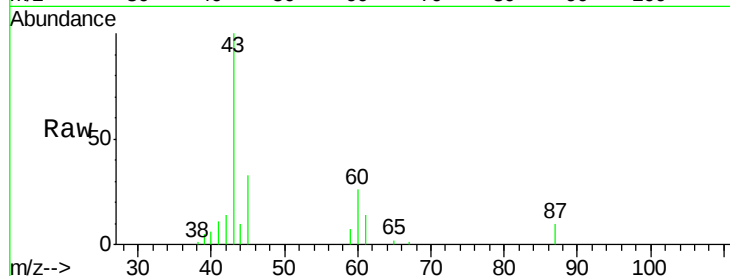
Tot Ion: 43 Resp: 38204

Ion Ratio Lower Upper

43 100

61 16.5 23.9 35.9#

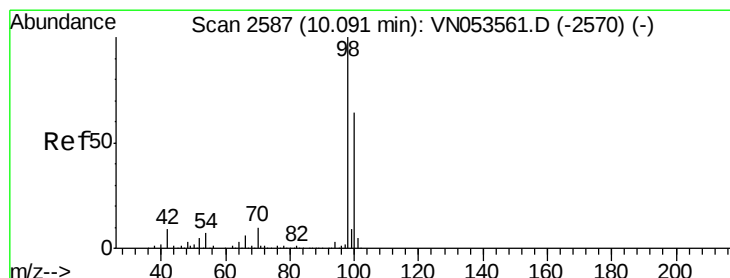
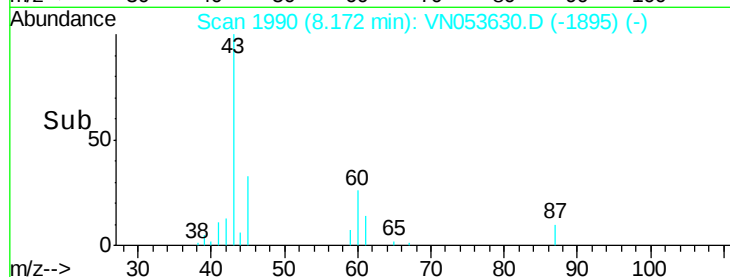
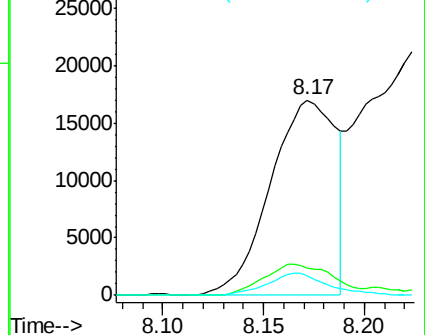
87 10.6 11.0 16.6#



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: VN053630.D

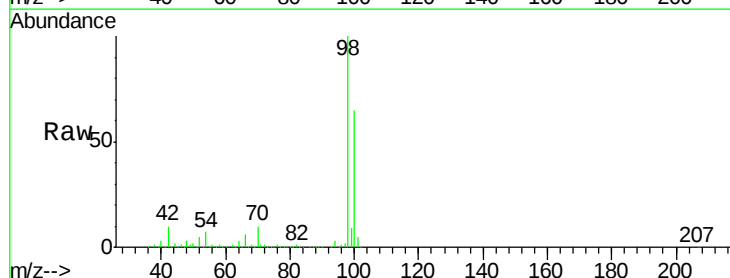
Acq: 6 Feb 2019 13:09

Tgt Ion: 98 Resp: 1545939

Ion Ratio Lower Upper

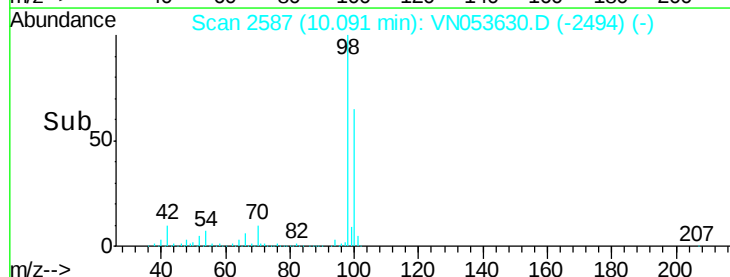
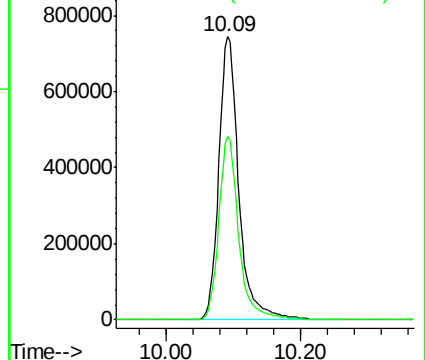
98 100

100 64.6 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

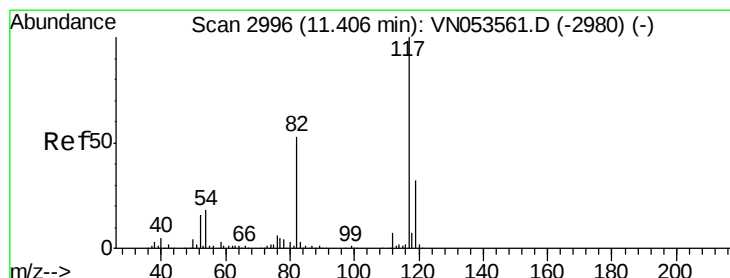
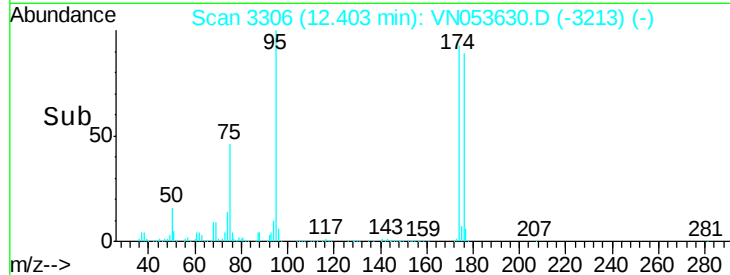
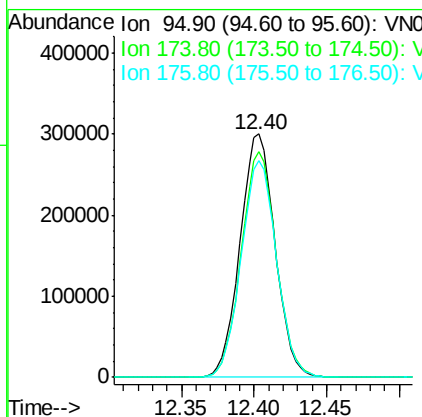
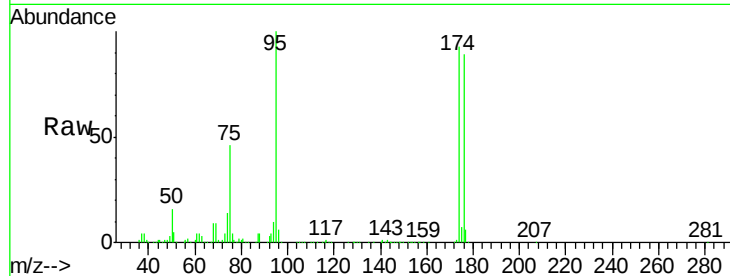




#62
 4-Bromofluorobenzene
 Concen: N.D. ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN053630.D
 Acq: 6 Feb 2019 13:09

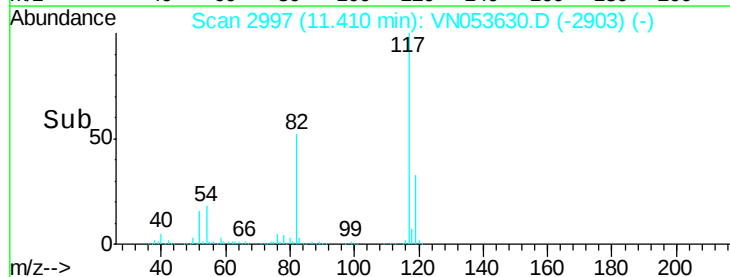
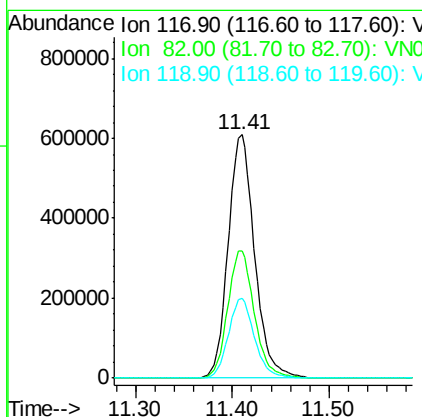
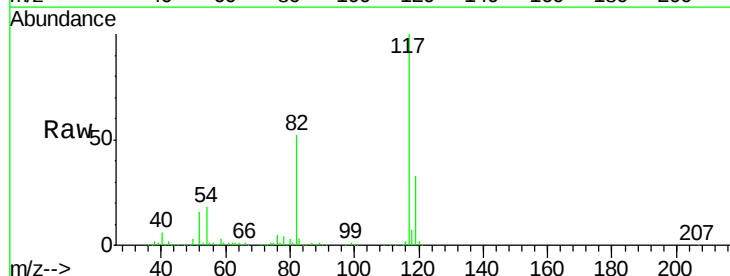
Instrument :
 MSVOA_N
 ClientSampleId :
 PB116860ZHE#03

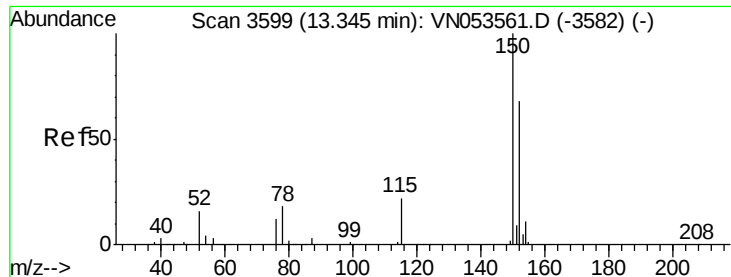
Tot Ion: 95 Resp: 505015
 Ion Ratio Lower Upper
 95 100
 174 92.6 0.0 183.2
 176 90.0 0.0 177.4



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.41 min Scan# 2997
 Delta R.T. 0.00 min
 Lab File: VN053630.D
 Acq: 6 Feb 2019 13:09

Tgt Ion: 117 Resp: 1155787
 Ion Ratio Lower Upper
 117 100
 82 52.5 42.9 64.3
 119 32.7 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053630.D

Acq: 6 Feb 2019 13:09

Instrument :

MSVOA_N

ClientSampleId :

PB116860ZHE#03

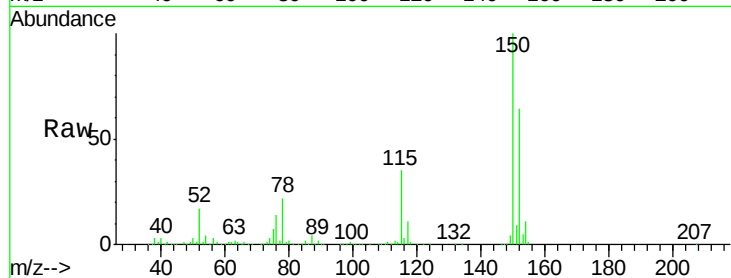
Tot Ion:152 Resp: 471073

Ion Ratio Lower Upper

152 100

115 55.2 27.8 83.4

150 157.4 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

