

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021819\
 Data File : VN053841.D
 Acq On : 18 Feb 2019 14:21
 Operator : JC/SP
 Sample : PB117159ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB117159ZHE#05

Quant Time: Feb 19 03:39:04 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

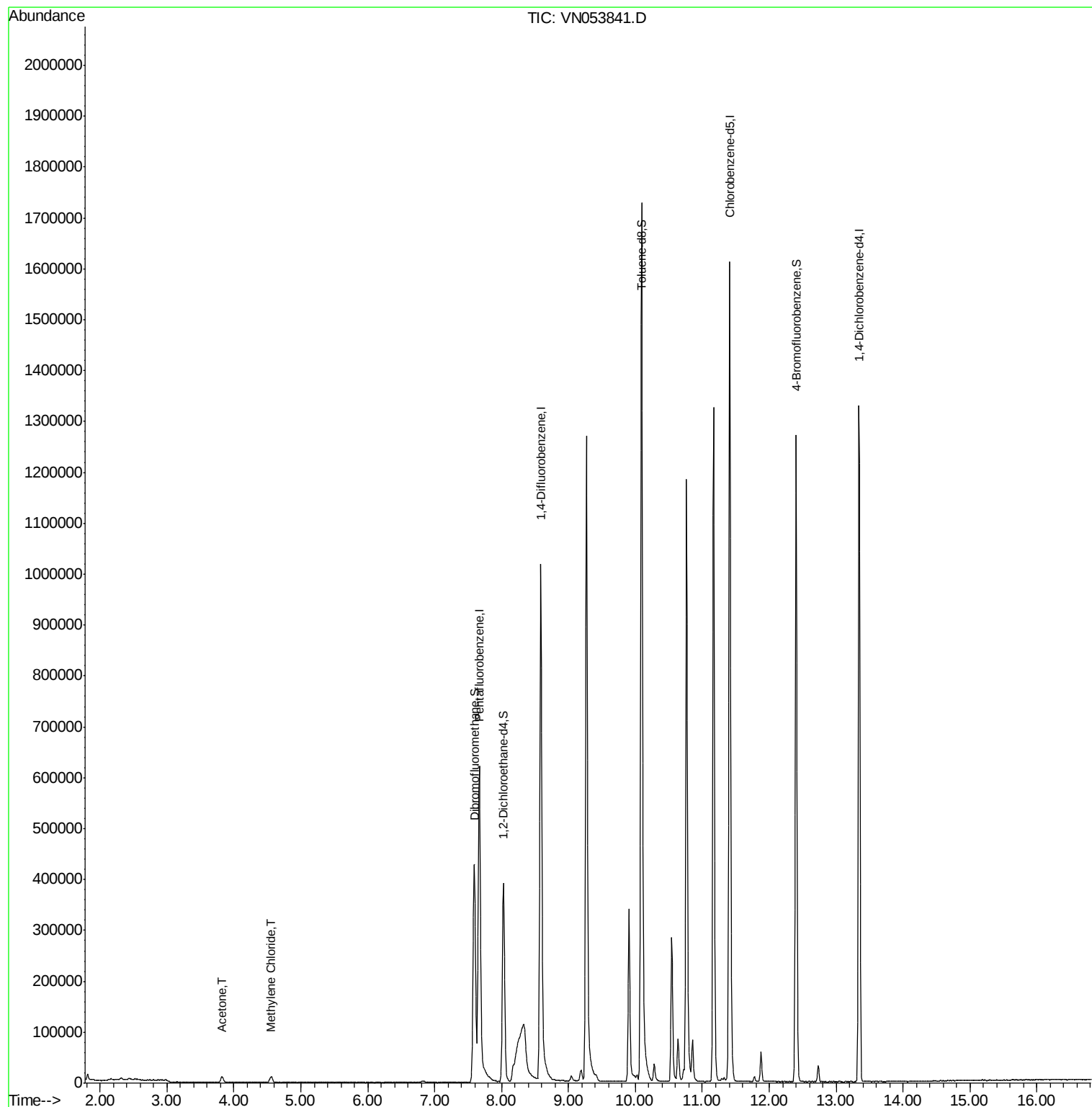
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	631402	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1069663	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1088914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	399378	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	338733	53.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.96%	
35) Dibromofluoromethane	7.59	113	340572	50.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.78%	
50) Toluene-d8	10.09	98	1415471	55.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.54%	
62) 4-Bromofluorobenzene	12.40	95	453804	53.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.24%	
Target Compounds						
16) Acetone	3.82	43	20824	12.817	ug/l	96
20) Methylene Chloride	4.56	84	9198	1.349	ug/l	95

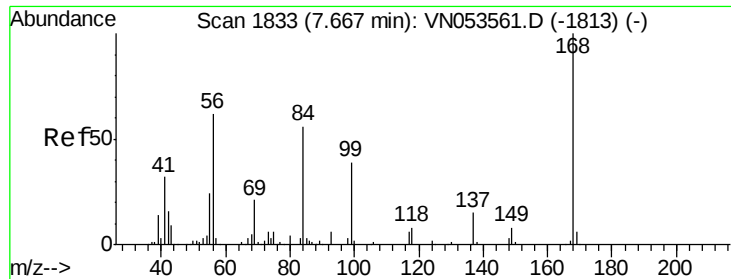
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053841.D

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ClientSampleId :

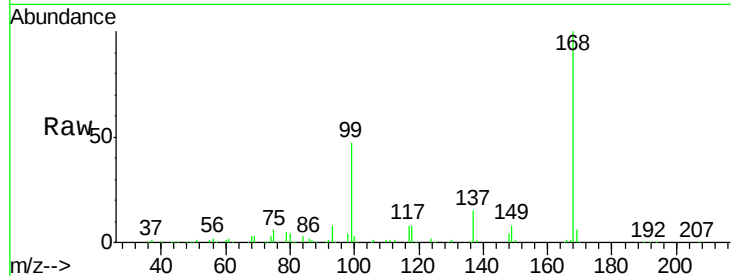
PB117159ZHE#05

Tot Ion:168 Resp: 631402

Ion Ratio Lower Upper

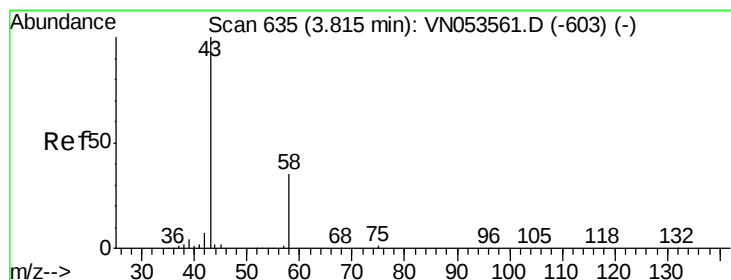
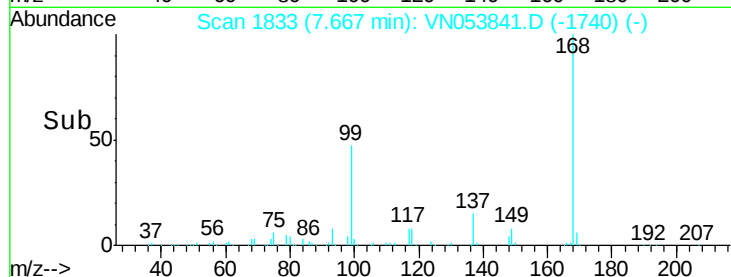
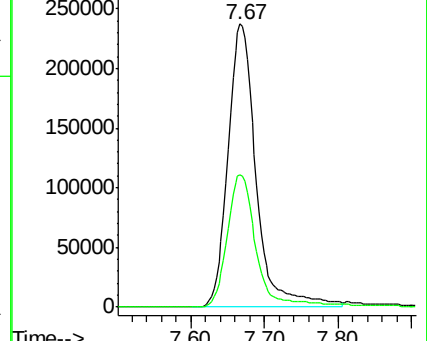
168 100

99 46.8 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 12.817 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053841.D

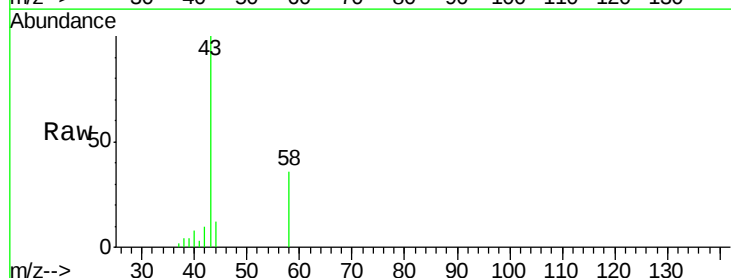
Acq: 18 Feb 2019 14:21

Tgt Ion: 43 Resp: 20824

Ion Ratio Lower Upper

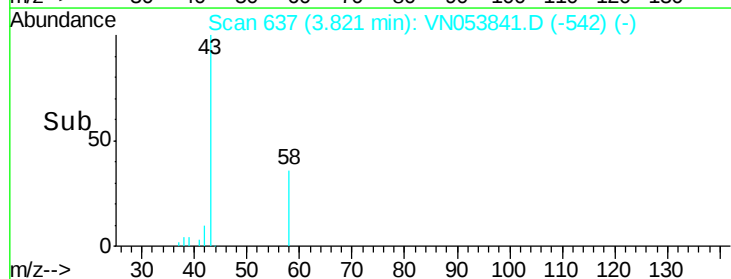
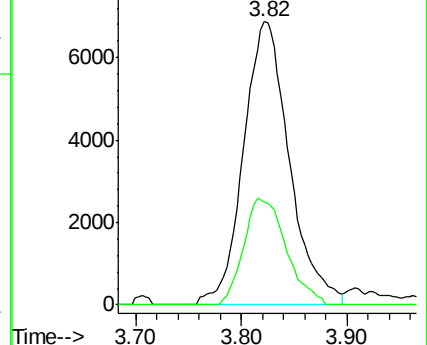
43 100

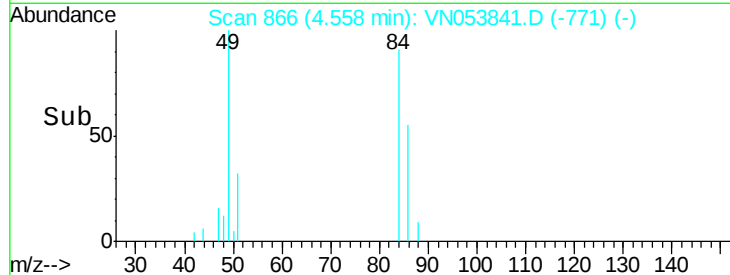
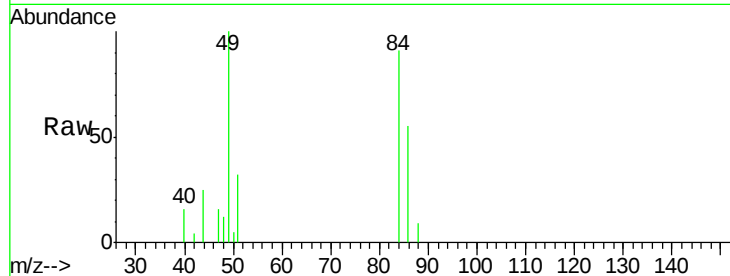
58 36.2 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

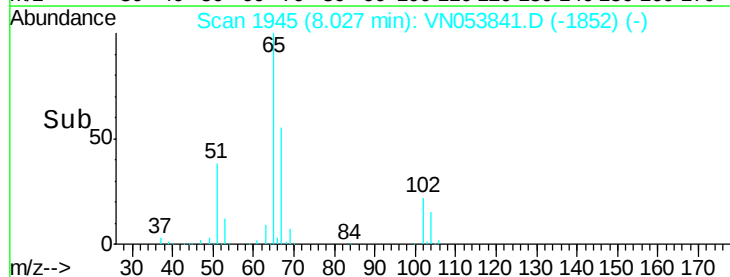
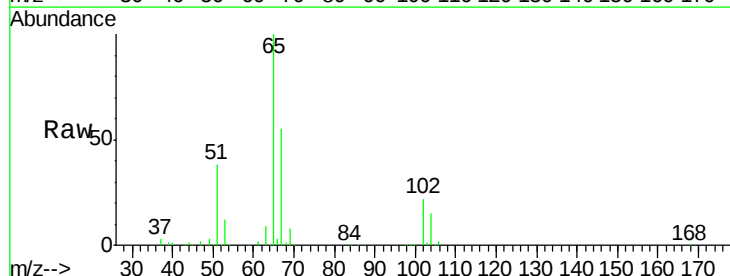
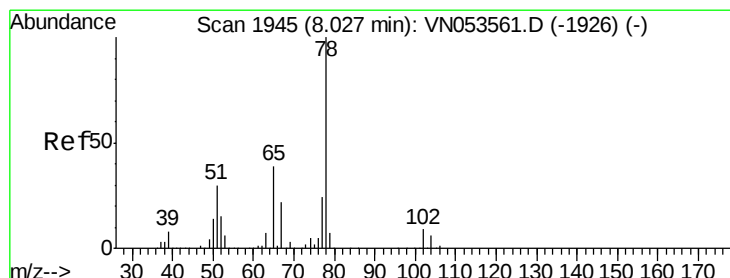
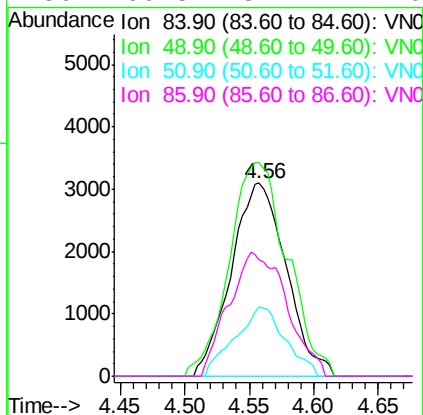




#20
Methvlene Chloride
Concen: 1.349 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053841.D
Acq: 18 Feb 2019 14:21

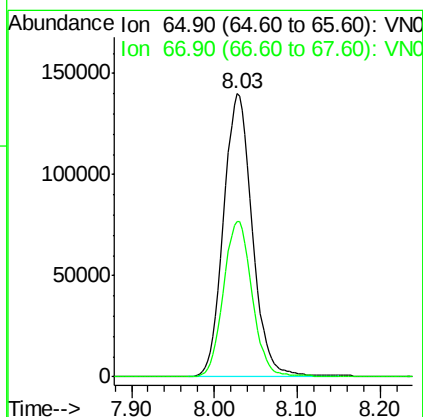
Instrument :
MSVOA_N
ClientSampleId :
PB117159ZHE#05

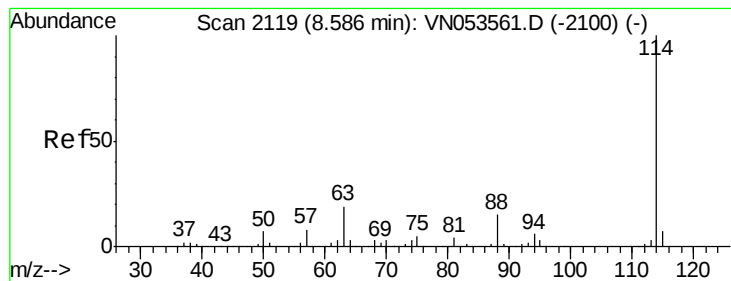
Tot Ion:	84	Resp:	9198
Ion	Ratio	Lower	Upper
84	100		
49	110.4	94.3	141.5
51	35.5	29.4	44.2
86	60.5	51.4	77.0



#33
1,2-Dichloroethane-d4
Concen: 53.477 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053841.D
Acq: 18 Feb 2019 14:21

Tgt Ion:	65	Resp:	338733
Ion	Ratio	Lower	Upper
65	100		
67	54.5	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: VN053841.D

Acq: 18 Feb 2019 14:21

Instrument :

MSVOA_N

ClientSampleId :

PB117159ZHE#05

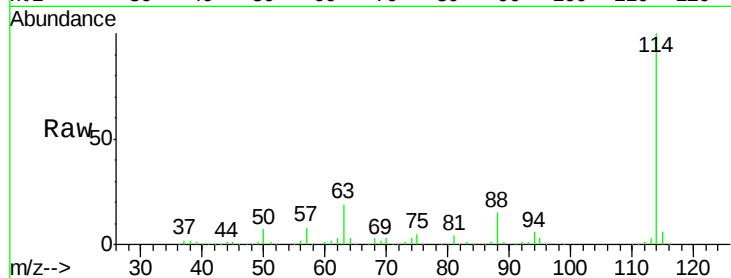
Tot Ion:114 Resp: 1069663

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.6

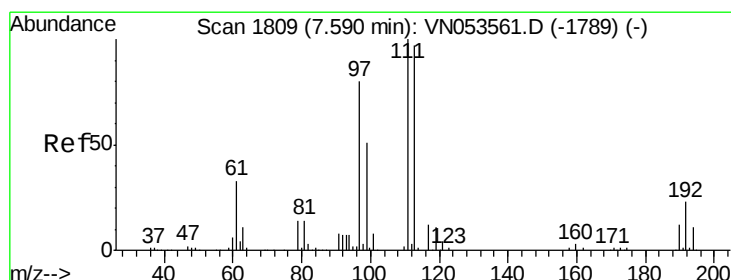
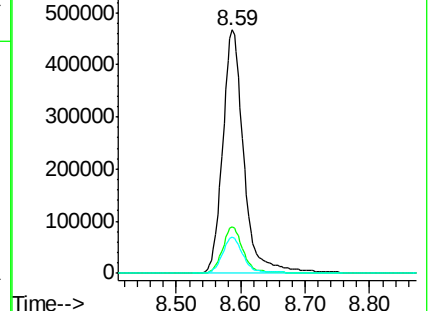
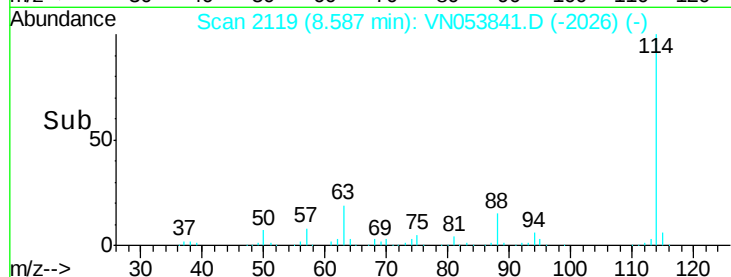
88 14.9 0.0 30.4



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: 50.389 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053841.D

Acq: 18 Feb 2019 14:21

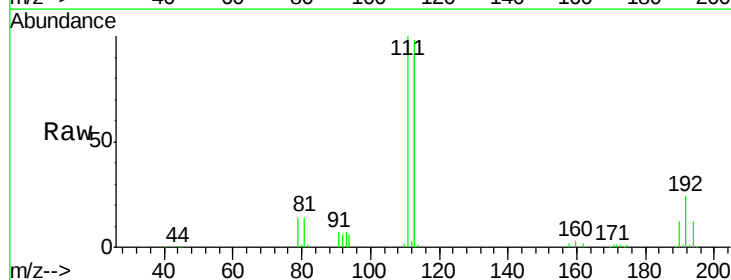
Tgt Ion:113 Resp: 340572

Ion Ratio Lower Upper

113 100

111 102.6 81.1 121.7

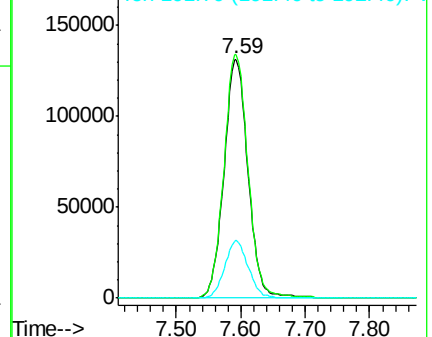
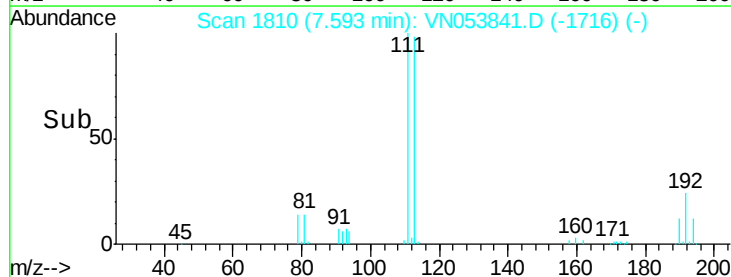
192 23.6 18.2 27.2

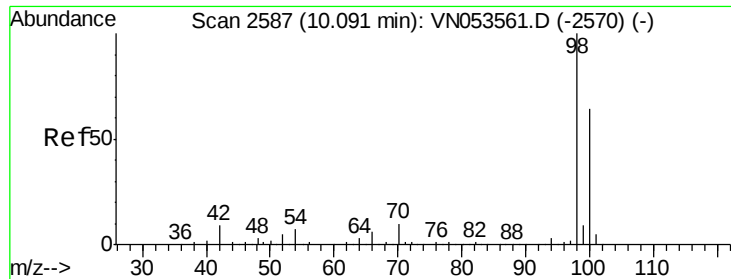


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 55.775 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053841.D

Acq: 18 Feb 2019 14:21

Instrument :

MSVOA_N

ClientSampleId :

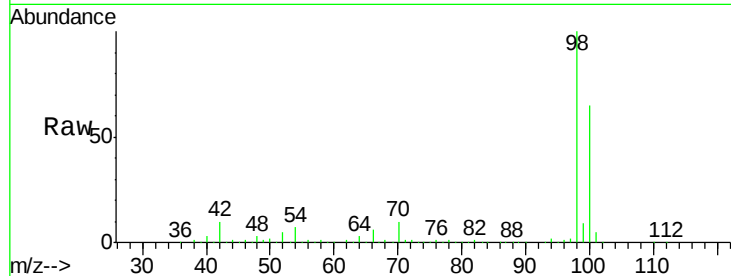
PB117159ZHE#05

Tot Ion: 98 Resp: 1415471

Ion Ratio Lower Upper

98 100

100 64.2 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053841.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053841.D (-2494) (-)

10.09

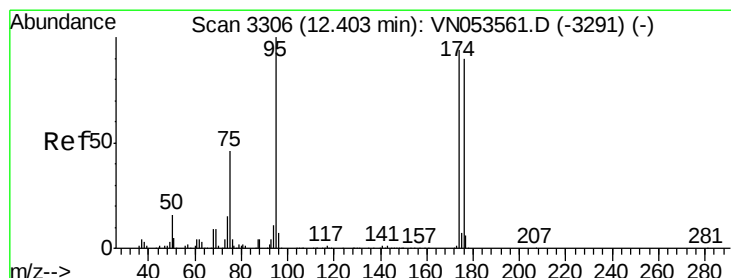
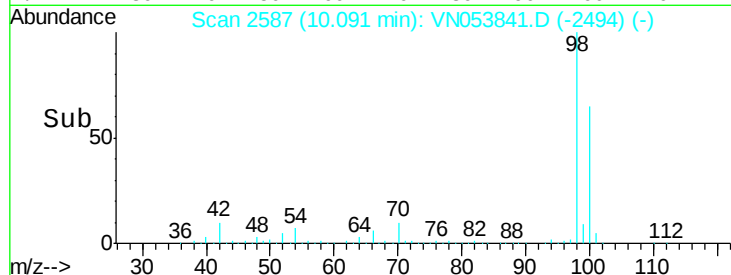
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 53.615 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053841.D

Acq: 18 Feb 2019 14:21

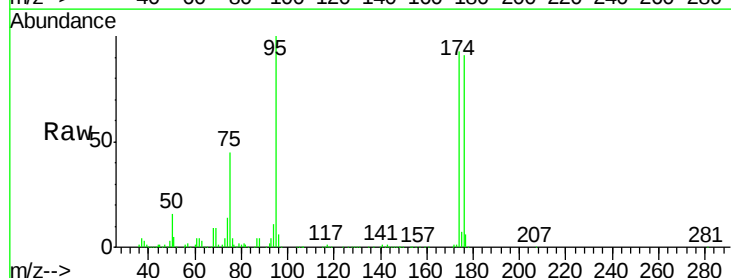
Tgt Ion: 95 Resp: 453804

Ion Ratio Lower Upper

95 100

174 93.7 0.0 183.2

176 91.2 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053841.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN053841.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN053841.D (-3213) (-)

12.40

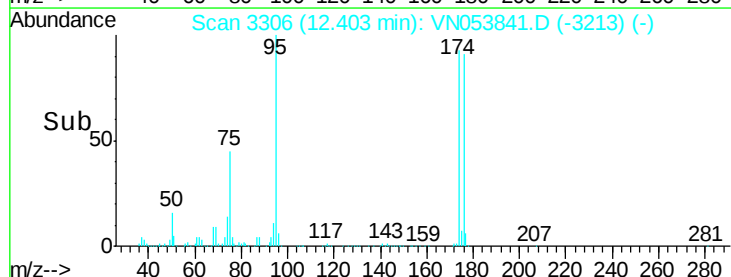
300000

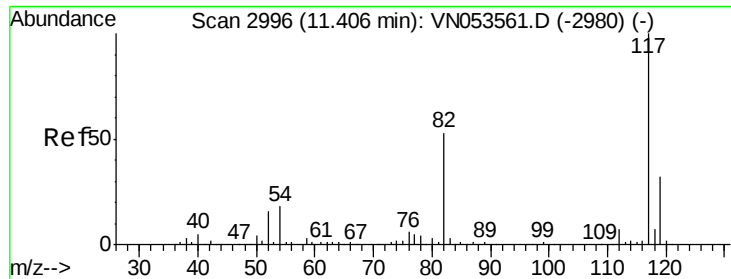
200000

100000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053841.D

Acq: 18 Feb 2019 14:21

Instrument :

MSVOA_N

ClientSampleId :

PB117159ZHE#05

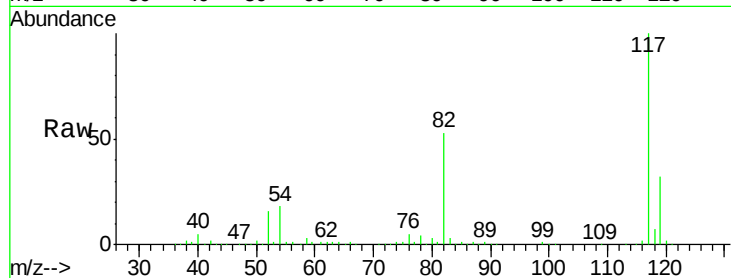
Tot Ion:117 Resp: 1088914

Ion Ratio Lower Upper

117 100

82 52.8 42.9 64.3

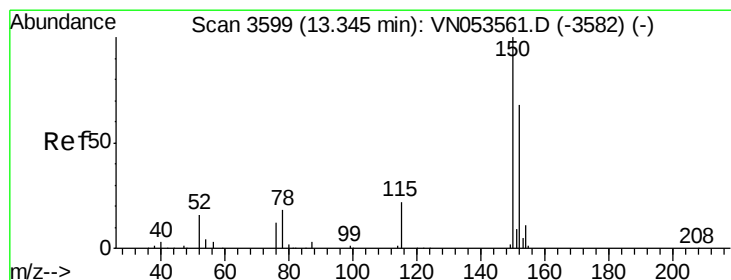
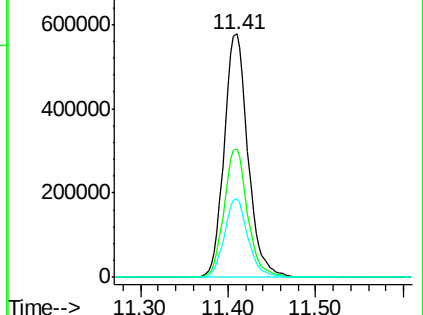
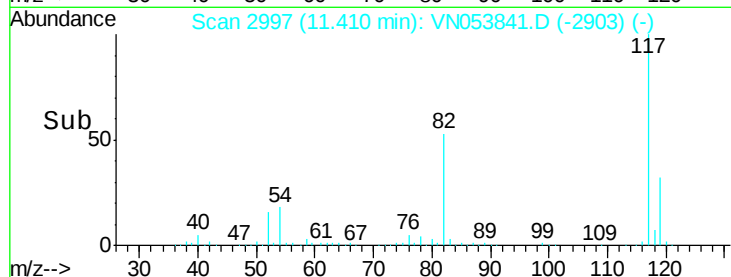
119 32.3 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053841.D

Acq: 18 Feb 2019 14:21

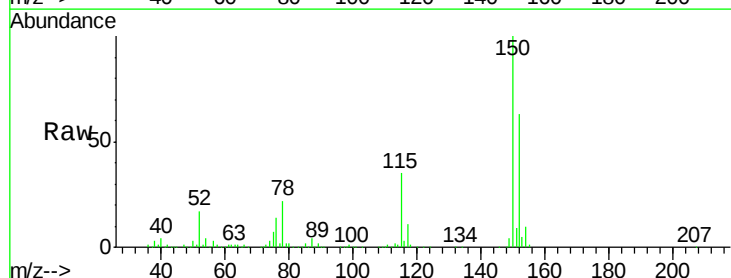
Tgt Ion:152 Resp: 399378

Ion Ratio Lower Upper

152 100

115 54.6 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

