

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092718\
 Data File : VN051548.D
 Acq On : 26 Sep 2018 20:47
 Operator : MD\SY
 Sample : PB113219ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113219ZHE#05

Quant Time: Sep 27 08:32:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

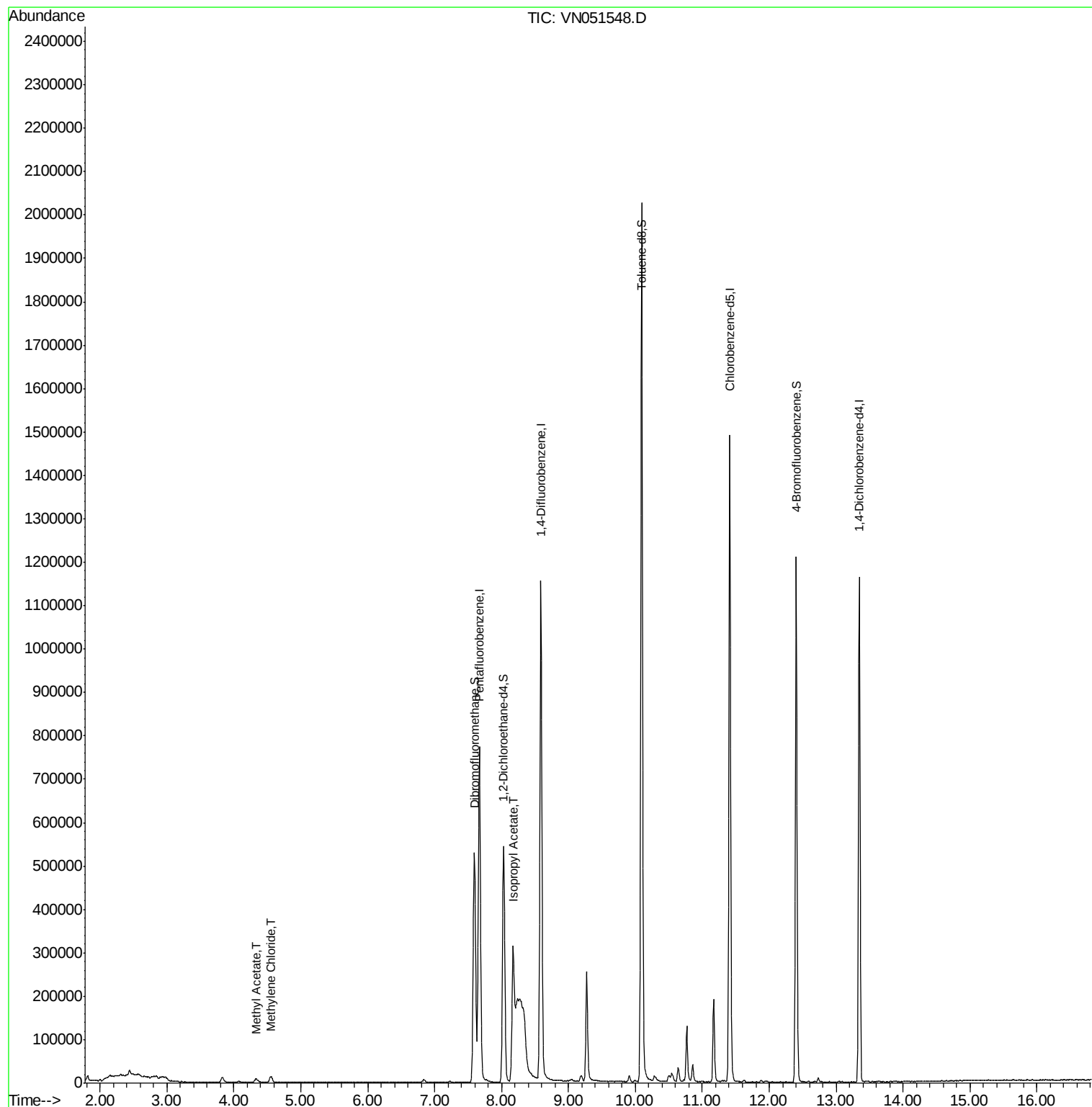
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	646814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1065807	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	900169	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	328318	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	468494	57.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.64%	
35) Dibromofluoromethane	7.59	113	406304	47.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.34%	
50) Toluene-d8	10.09	98	1459427	45.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.94%	
62) 4-Bromofluorobenzene	12.40	95	409782	39.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.94%	
Target Compounds						
18) Methyl Acetate	4.33	43	18005	2.918	ug/l #	86
20) Methylene Chloride	4.55	84	10356	1.292	ug/l #	95
43) Isopropyl Acetate	8.17	43	380567	29.657	ug/l #	90

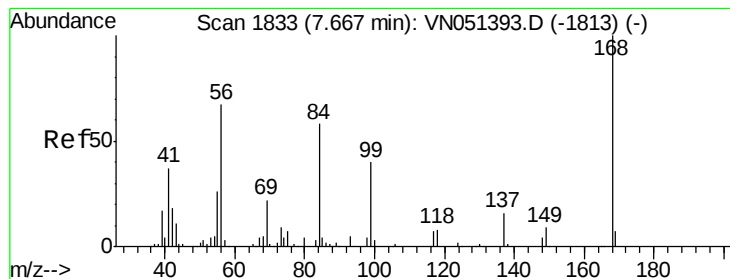
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Sep 24 06:41:32 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

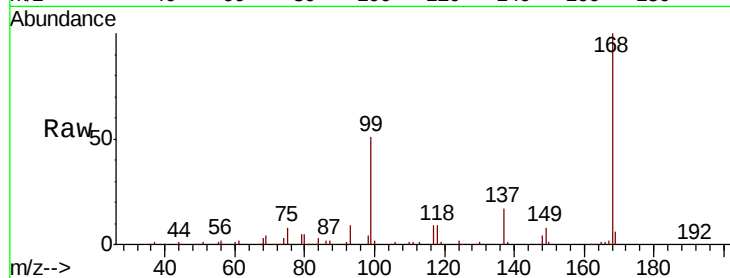
PB113219ZHE#05

Tot Ion:168 Resp: 646814

Ion Ratio Lower Upper

168 100

99 51.4 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN051393.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN051393.D (-1813) (-)

7.67

300000

250000

200000

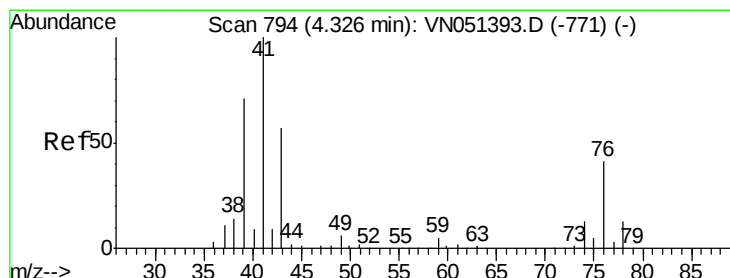
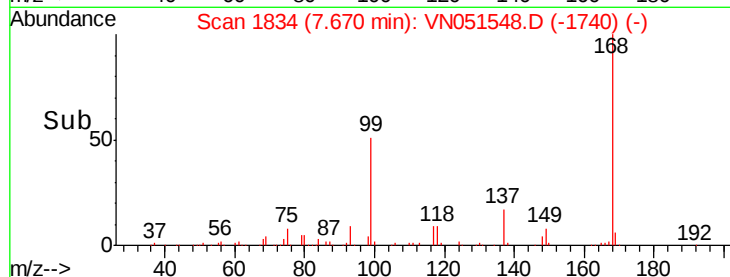
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 2.918 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN051548.D

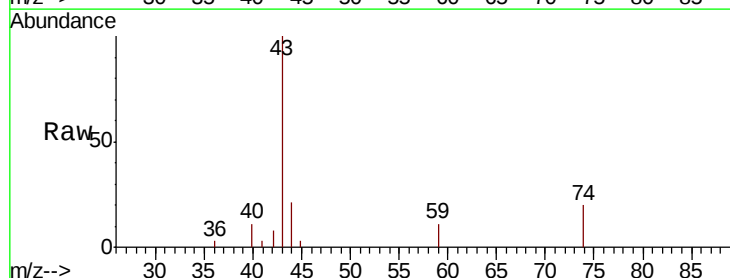
Acq: 26 Sep 2018 20:47

Tgt Ion: 43 Resp: 18005

Ion Ratio Lower Upper

43 100

74 16.8 18.8 28.2#



Abundance Ion 43.00 (42.70 to 43.70): VN051393.D (-771) (-)

Ion 74.00 (73.70 to 74.70): VN051393.D (-771) (-)

4.33

6000

5000

4000

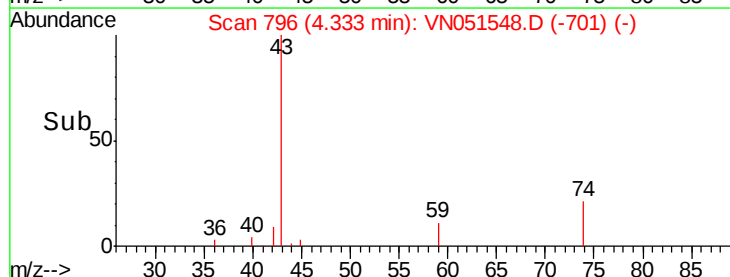
3000

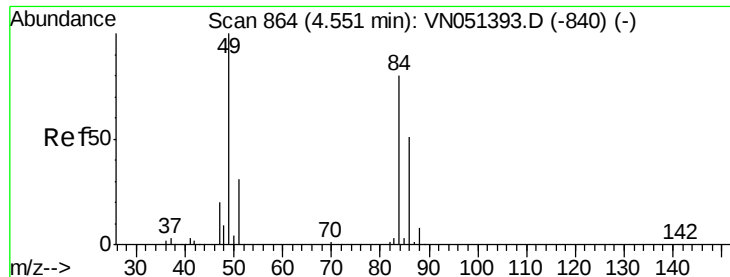
2000

1000

0

Time-->

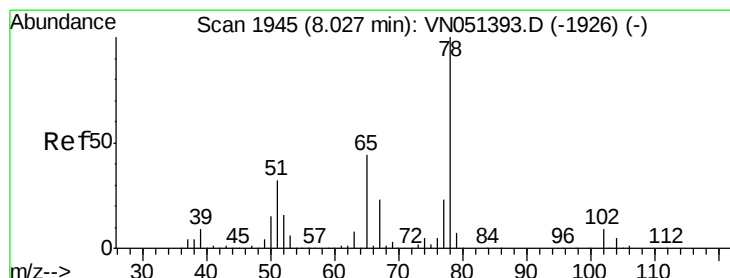
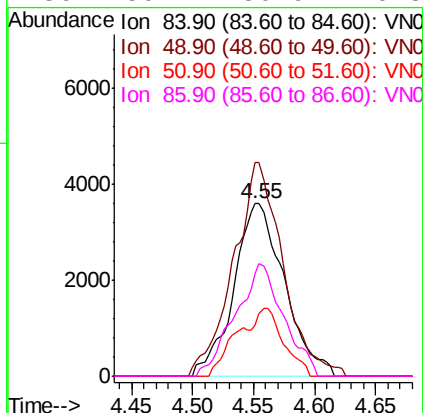
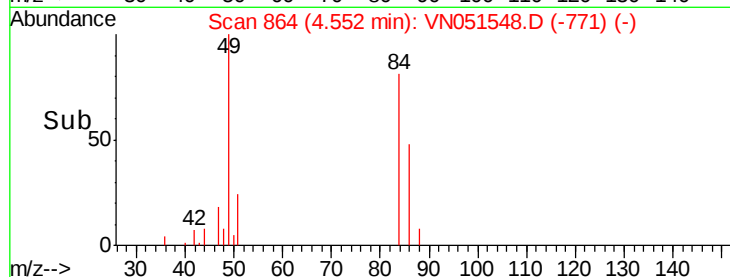
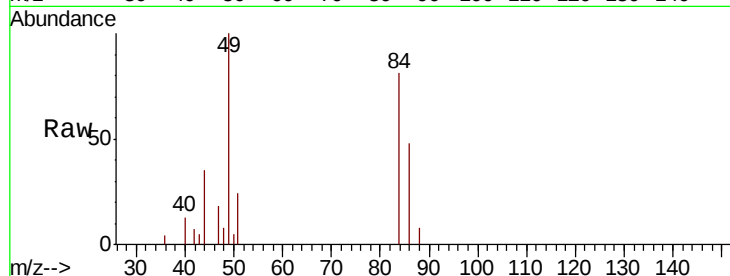




#20
Methylene Chloride
Concen: 1.292 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN051548.D
Acq: 26 Sep 2018 20:47

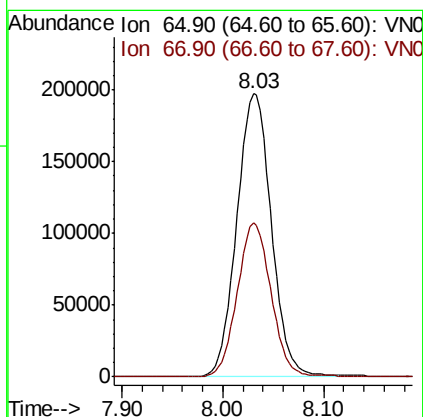
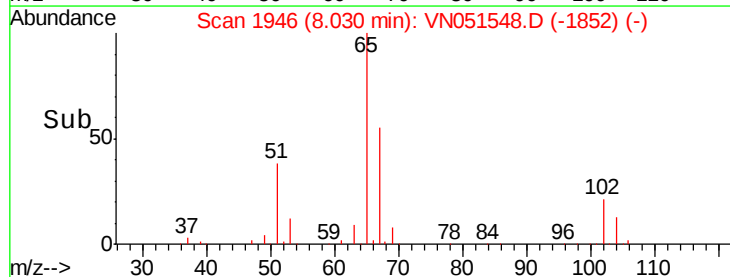
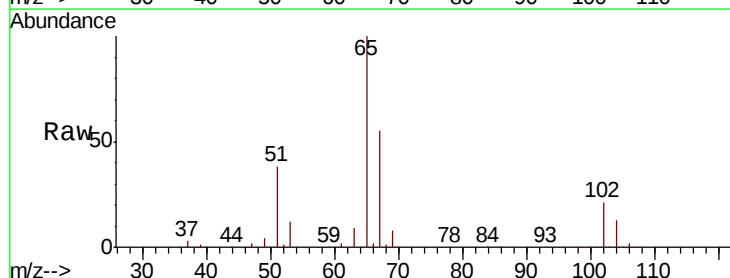
Instrument :
MSVOA_N
ClientSampleId :
PB113219ZHE#05

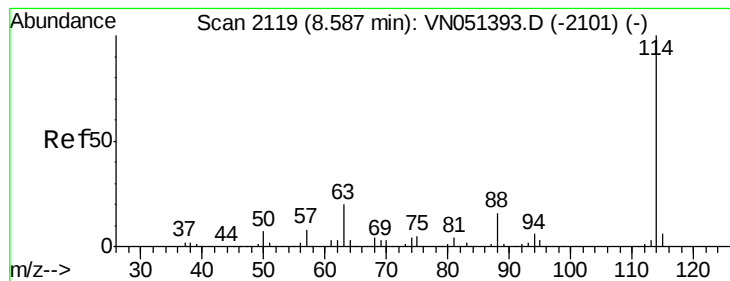
Tot Ion: 84 Resp: 10356
Ion Ratio Lower Upper
84 100
49 123.7 99.9 149.9
51 29.4 31.4 47.2#
86 59.4 50.9 76.3



#33
1,2-Dichloroethane-d4
Concen: 57.821 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051548.D
Acq: 26 Sep 2018 20:47

Tgt Ion: 65 Resp: 468494
Ion Ratio Lower Upper
65 100
67 53.1 0.0 107.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN051548.D

Acq: 26 Sep 2018 20:47

Instrument :

MSVOA_N

ClientSampleId :

PB113219ZHE#05

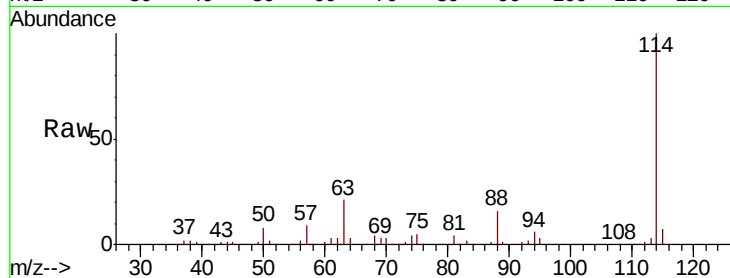
Tot Ion:114 Resp: 1065807

Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.2

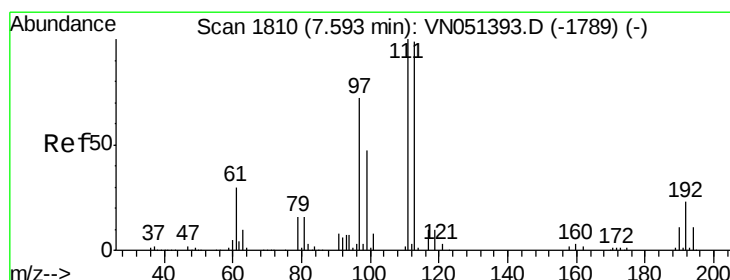
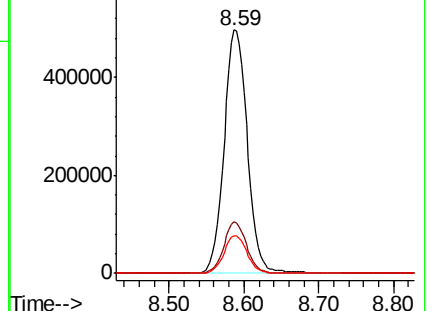
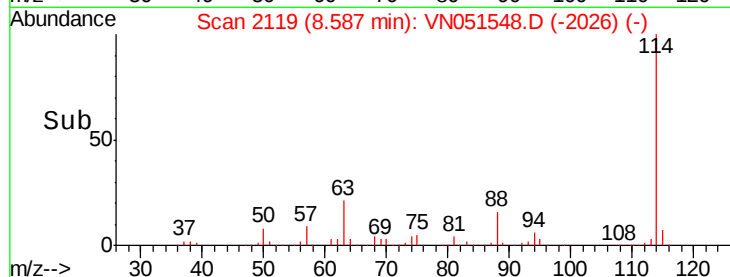
88 15.6 0.0 31.4



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: 47.673 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN051548.D

Acq: 26 Sep 2018 20:47

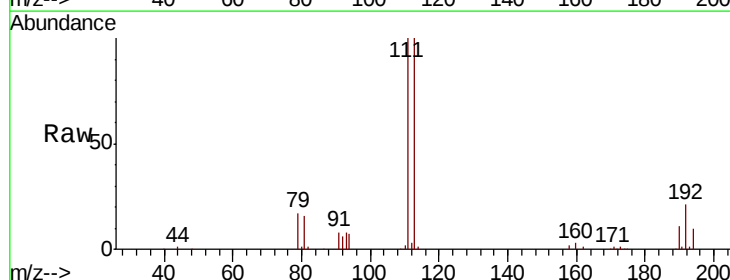
Tgt Ion:113 Resp: 406304

Ion Ratio Lower Upper

113 100

111 102.1 82.6 123.8

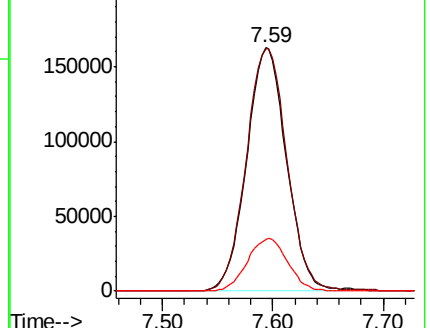
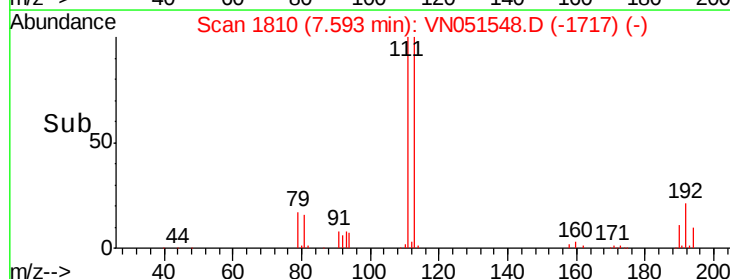
192 22.1 18.0 27.0

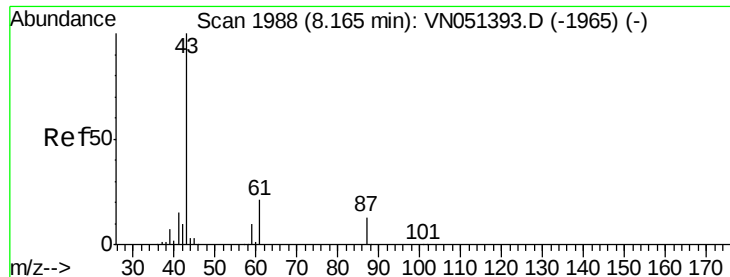


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 29.657 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN051548.D

Acq: 26 Sep 2018 20:47

Instrument :

MSVOA_N

ClientSampleId :

PB113219ZHE#05

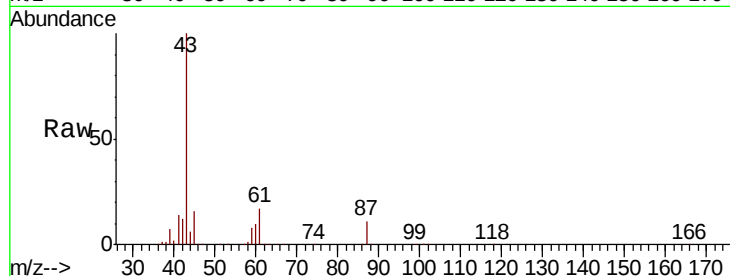
Tot Ion: 43 Resp: 380567

Ion Ratio Lower Upper

43 100

61 16.1 16.8 25.2#

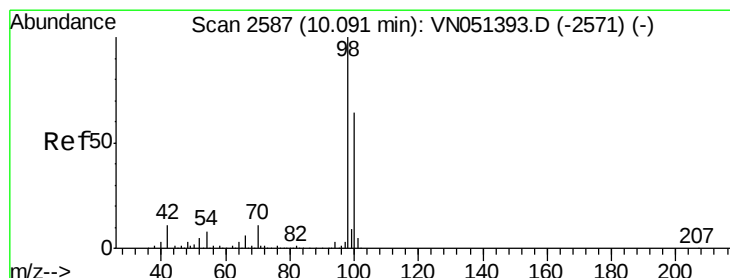
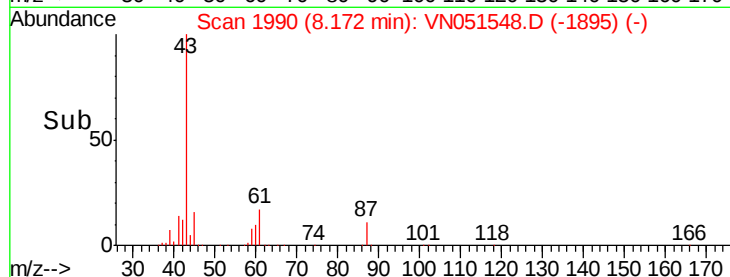
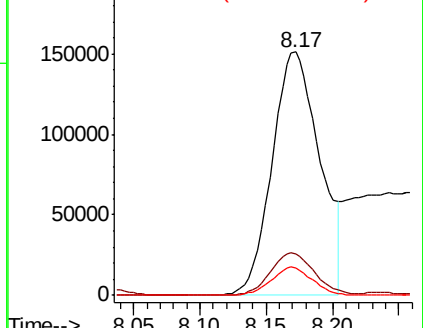
87 9.9 10.7 16.1#



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: 45.474 ug/l

RT: 10.09 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN051548.D

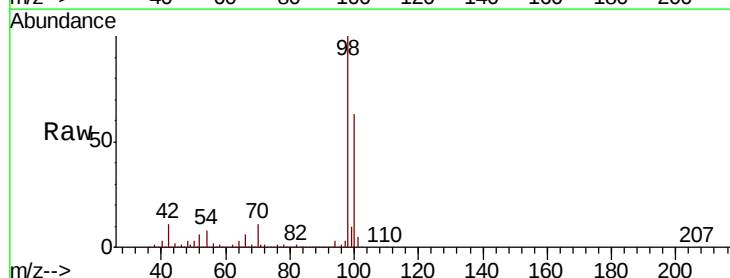
Acq: 26 Sep 2018 20:47

Tgt Ion: 98 Resp: 1459427

Ion Ratio Lower Upper

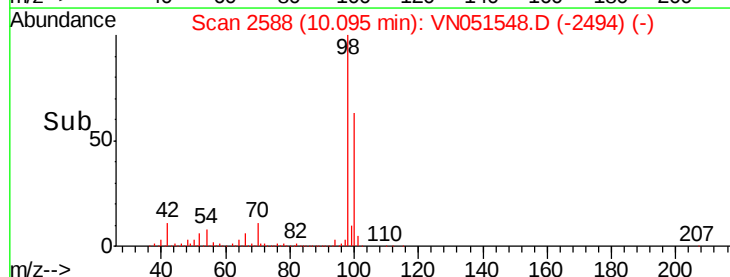
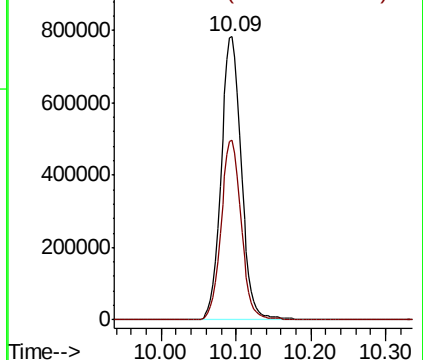
98 100

100 63.3 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 39.469 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051548.D

Acq: 26 Sep 2018 20:47

Instrument :

MSVOA_N

ClientSampleId :

PB113219ZHE#05

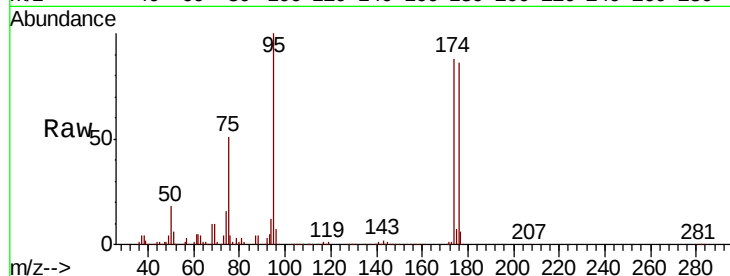
Tot Ion: 95 Resp: 409782

Ion Ratio Lower Upper

95 100

174 88.4 0.0 181.6

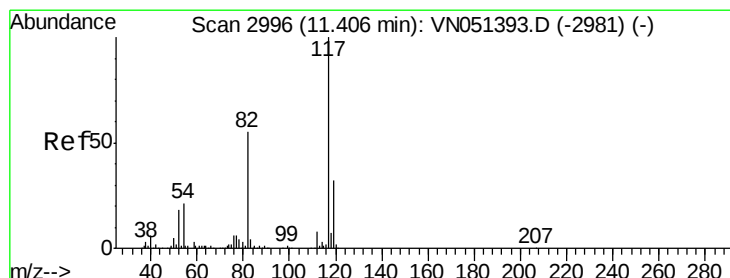
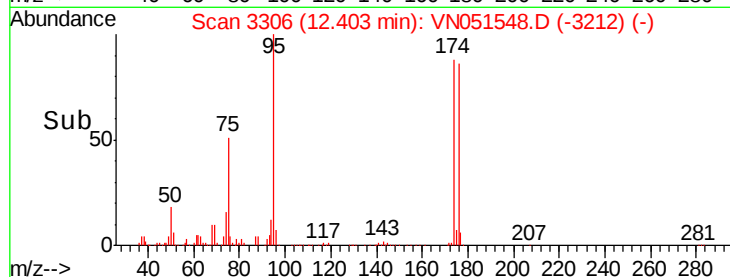
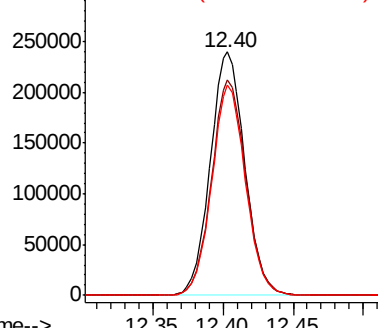
176 84.8 0.0 176.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051548.D

Acq: 26 Sep 2018 20:47

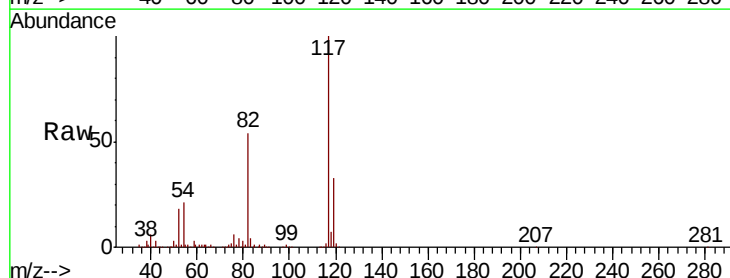
Tgt Ion: 117 Resp: 900169

Ion Ratio Lower Upper

117 100

82 54.5 44.2 66.2

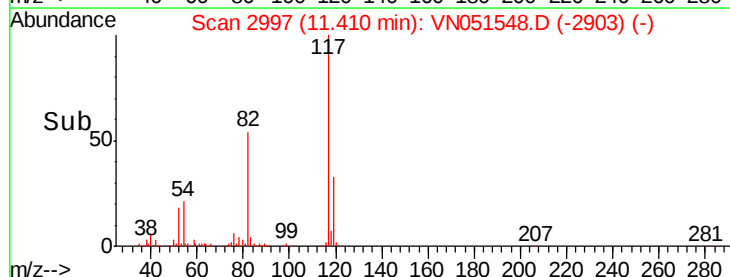
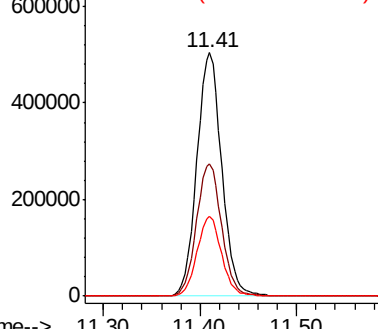
119 32.9 25.9 38.9

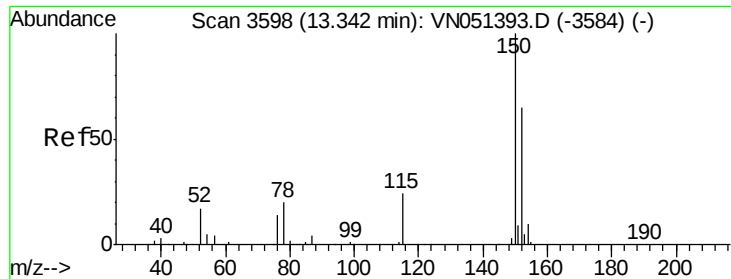


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051548.D

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PB113219ZHE#05

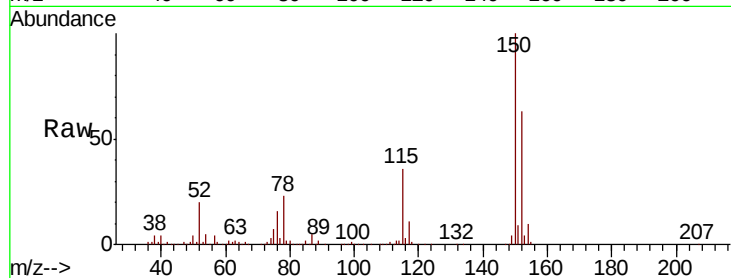
Tot Ion:152 Resp: 328318

Ion Ratio Lower Upper

152 100

115 57.1 28.3 84.9

150 157.2 0.0 353.6



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

