

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092618\
 Data File : VN051513.D
 Acq On : 26 Sep 2018 3:46
 Operator : MD\SY
 Sample : PB113167ZHE#07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113167ZHE#07

Quant Time: Sep 26 05:44:23 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

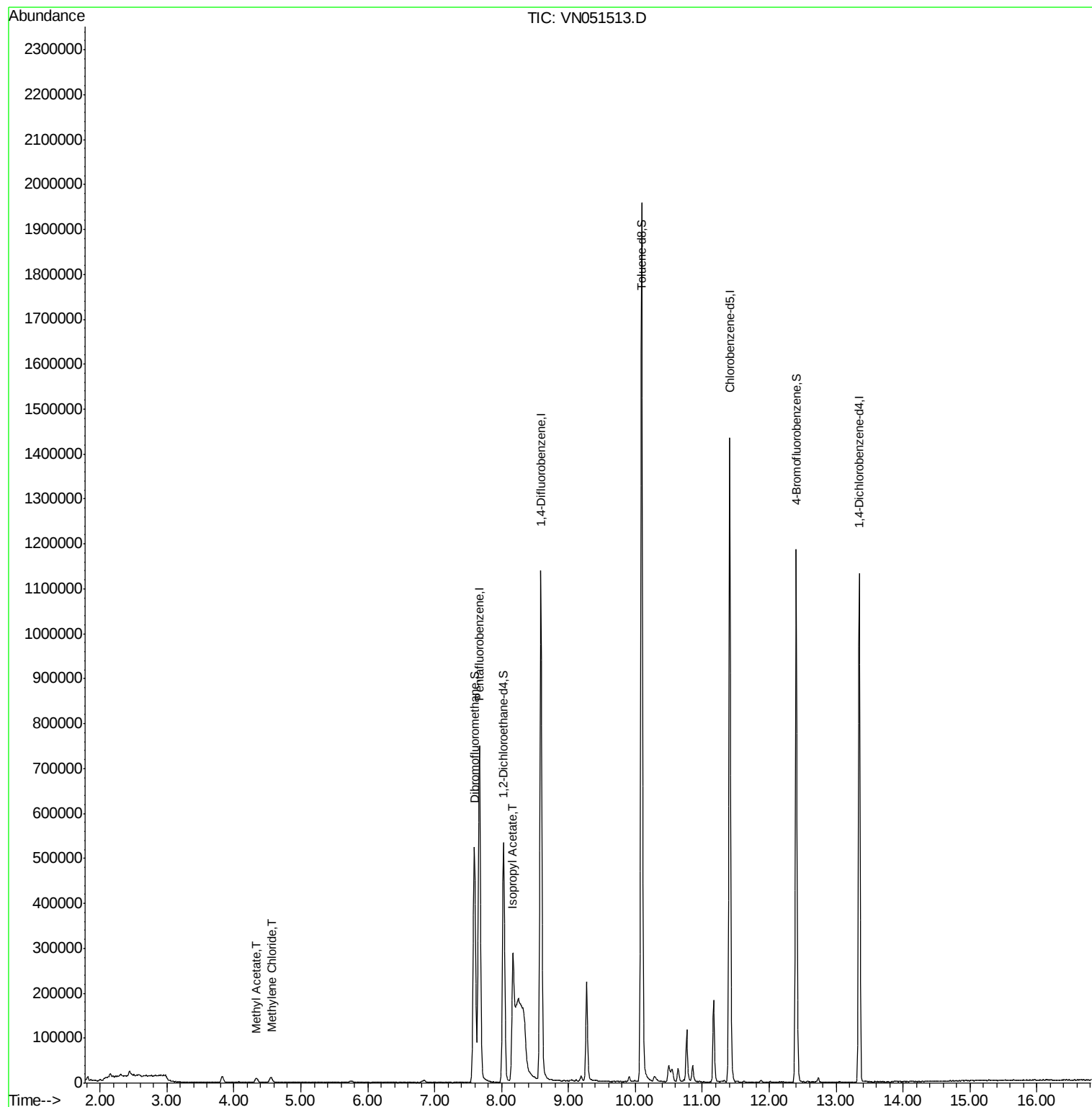
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	636571	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1045284	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	869549	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	316801	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	451444	56.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.22%	
35) Dibromofluoromethane	7.59	113	396435	47.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.86%	
50) Toluene-d8	10.09	98	1424186	45.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.50%	
62) 4-Bromofluorobenzene	12.40	95	390872	38.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.78%	
Target Compounds						
18) Methyl Acetate	4.33	43	17971	2.959	ug/l	94
20) Methylene Chloride	4.56	84	8916	1.130	ug/l #	82
43) Isopropyl Acetate	8.17	43	351310	27.915	ug/l #	89

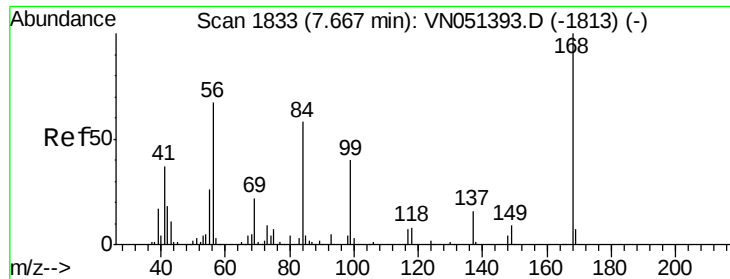
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

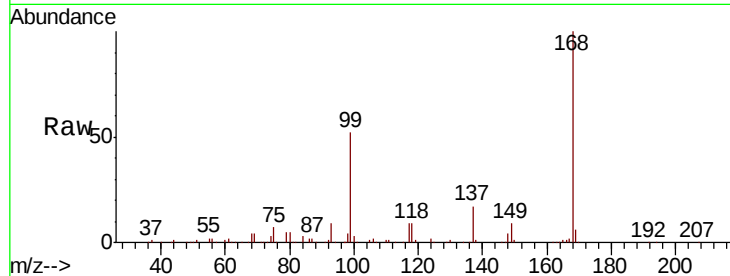
PB113167ZHE#07

Tgt Ion:168 Resp: 636571

Ion Ratio Lower Upper

168 100

99 51.5 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

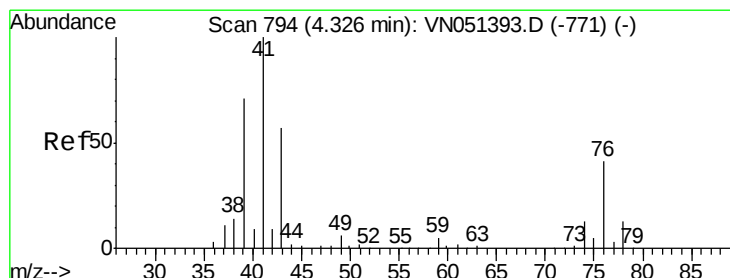
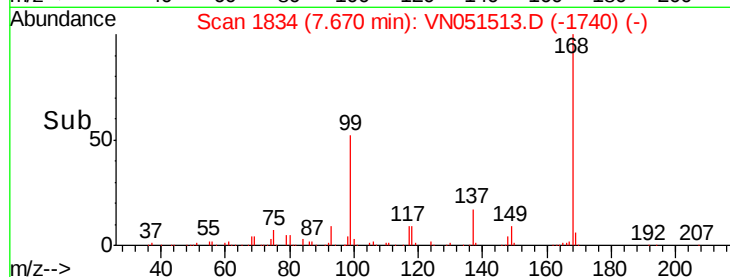
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 2.959 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN051513.D

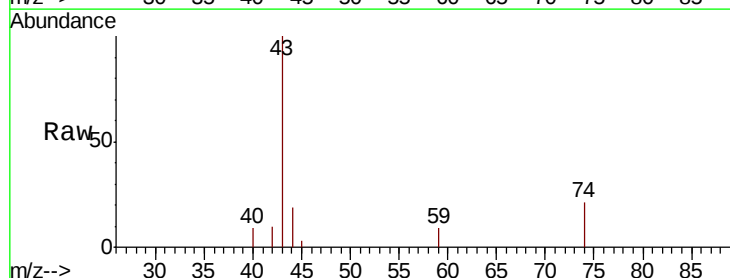
Acq: 26 Sep 2018 3:46

Tgt Ion: 43 Resp: 17971

Ion Ratio Lower Upper

43 100

74 20.6 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

4.33

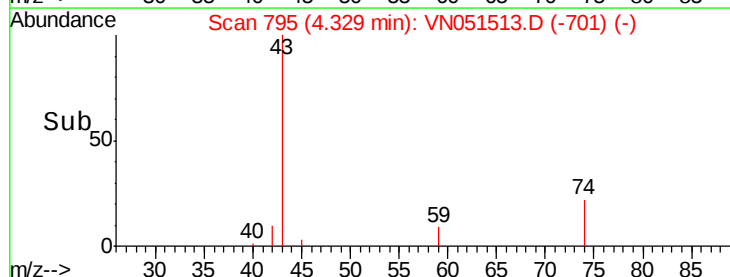
6000

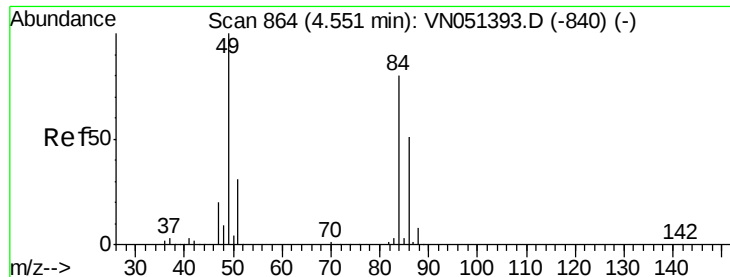
4000

2000

0

Time-->

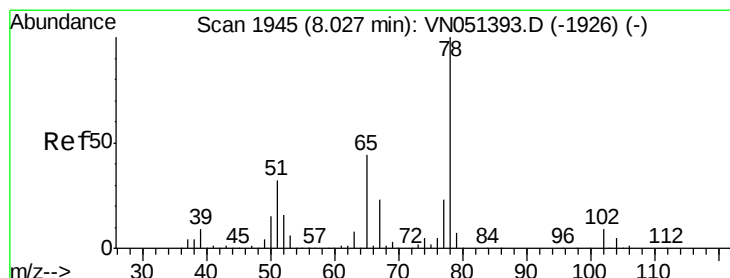
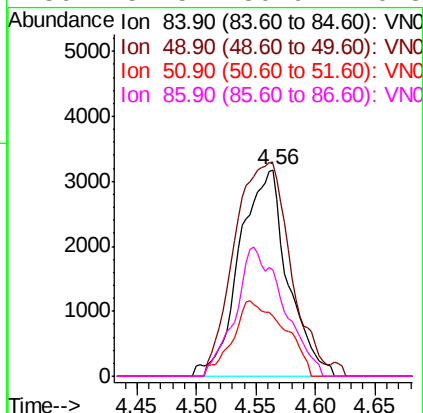
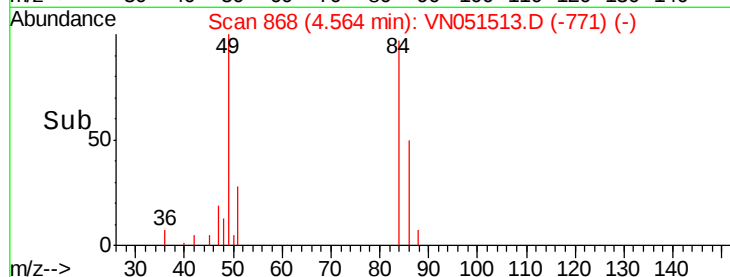
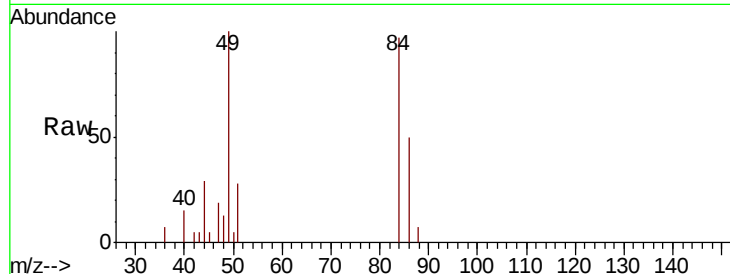




#20
Methylene Chloride
Concen: 1.130 ug/l
RT: 4.56 min Scan# 868
Delta R.T. 0.01 min
Lab File: VN051513.D
Acq: 26 Sep 2018 3:46

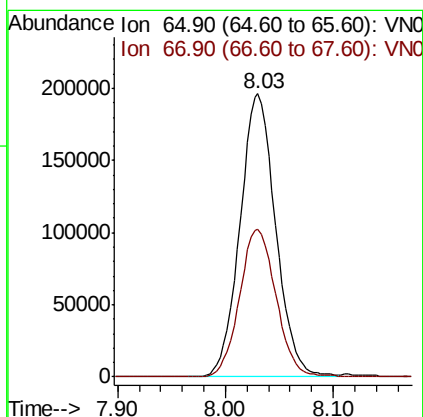
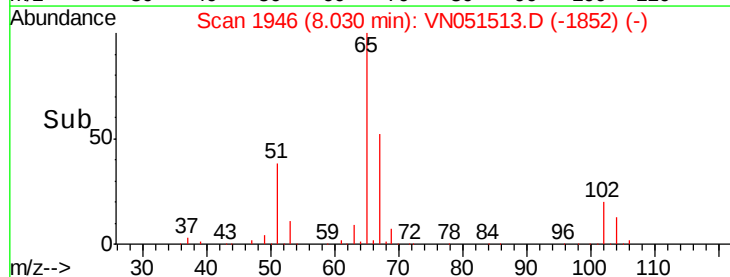
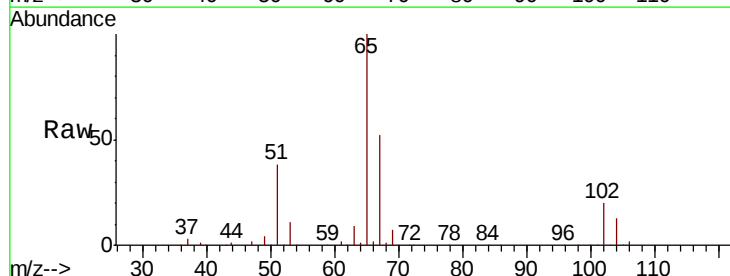
Instrument :
MSVOA_N
ClientSampleId :
PB113167ZHE#07

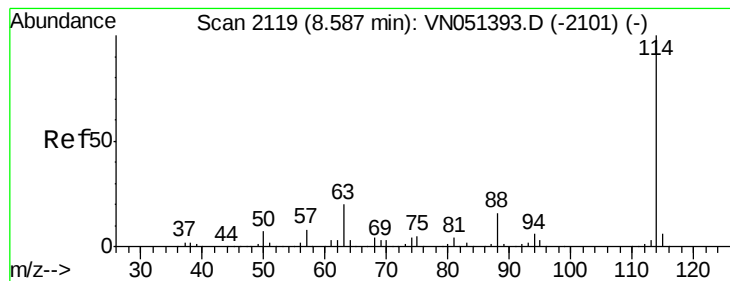
Tgt Ion: 84 Resp: 8916
Ion Ratio Lower Upper
84 100
49 102.8 99.9 149.9
51 28.9 31.4 47.2#
86 51.5 50.9 76.3



#33
1,2-Dichloroethane-d4
Concen: 56.613 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051513.D
Acq: 26 Sep 2018 3:46

Tgt Ion: 65 Resp: 451444
Ion Ratio Lower Upper
65 100
67 53.3 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: VN051513.D

Acq: 26 Sep 2018 3:46

Instrument :

MSVOA_N

ClientSampleId :

PB113167ZHE#07

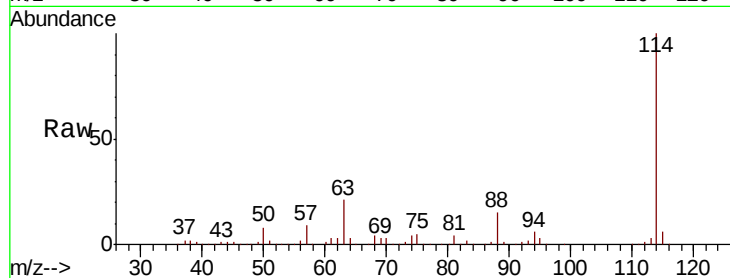
Tgt Ion:114 Resp: 1045284

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.2

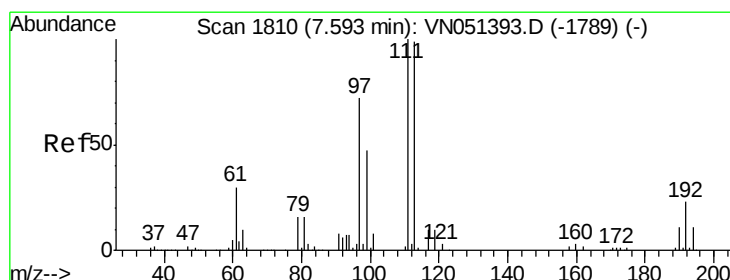
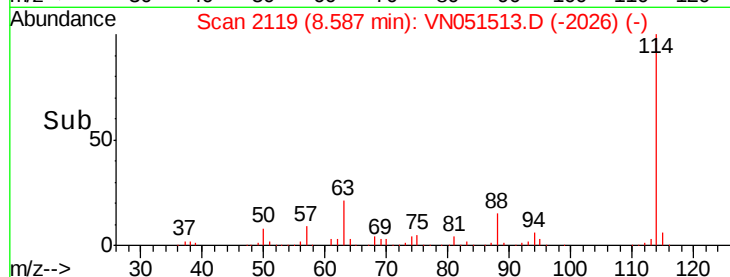
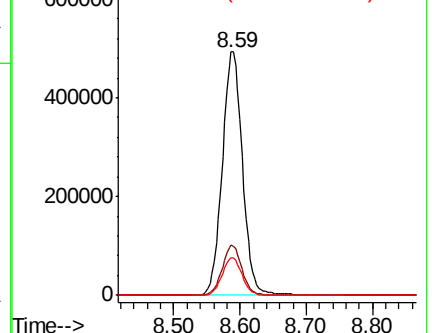
88 15.5 0.0 31.4



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: 47.428 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN051513.D

Acq: 26 Sep 2018 3:46

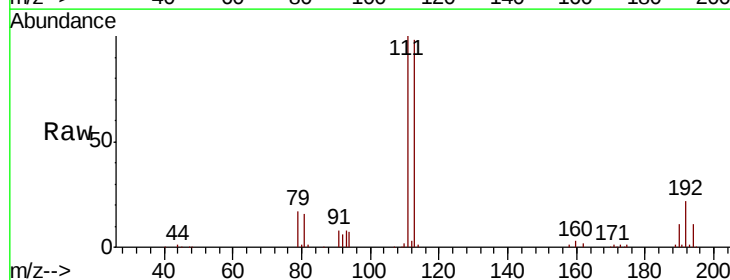
Tgt Ion:113 Resp: 396435

Ion Ratio Lower Upper

113 100

111 102.9 82.6 123.8

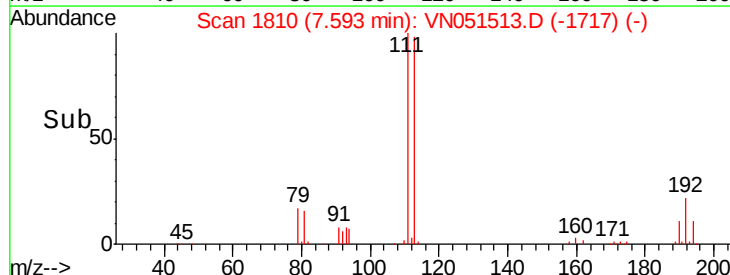
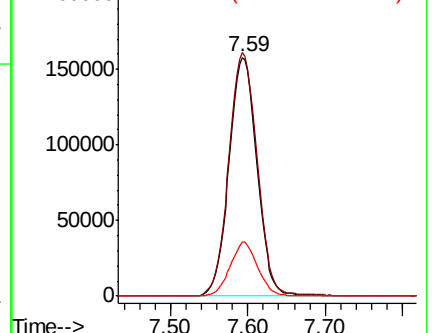
192 22.2 18.0 27.0

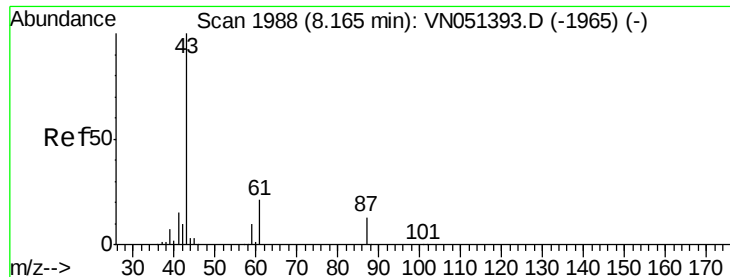


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 27.915 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051513.D

Acq: 26 Sep 2018 3:46

Instrument :

MSVOA_N

ClientSampleId :

PB113167ZHE#07

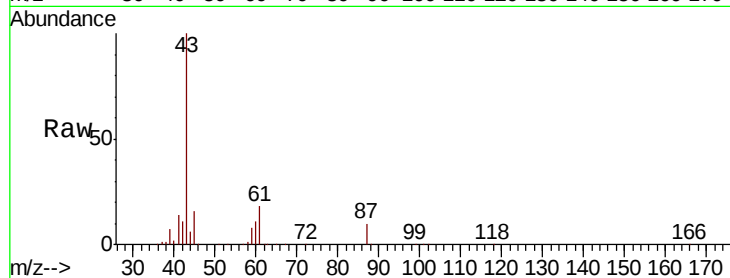
Tgt Ion: 43 Resp: 351310

Ion Ratio Lower Upper

43 100

61 15.3 16.8 25.2#

87 9.3 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

150000

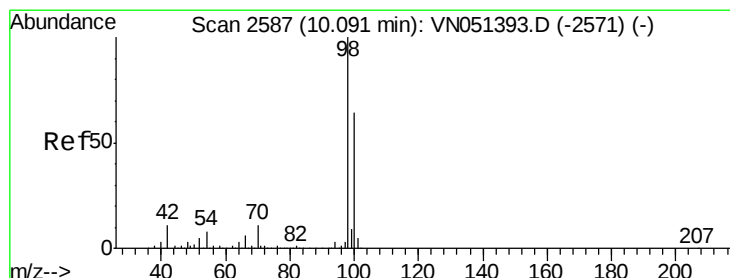
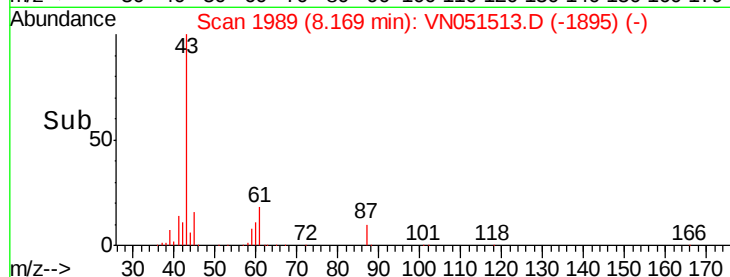
100000

50000

0

8.05 8.10 8.15 8.20

Time-->



#50

Toluene-d8

Concen: 45.247 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051513.D

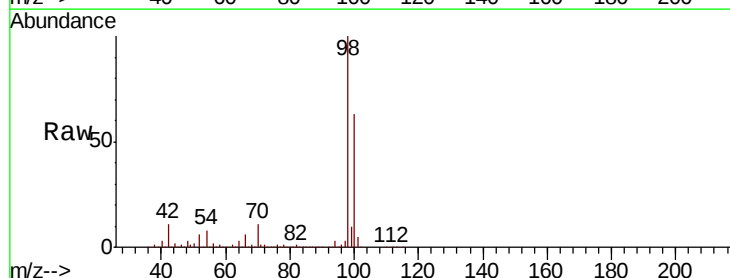
Acq: 26 Sep 2018 3:46

Tgt Ion: 98 Resp: 1424186

Ion Ratio Lower Upper

98 100

100 63.2 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

800000

600000

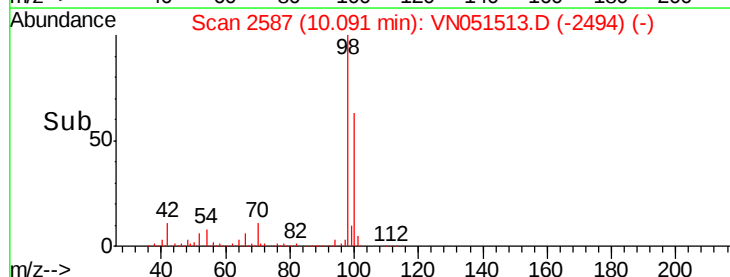
400000

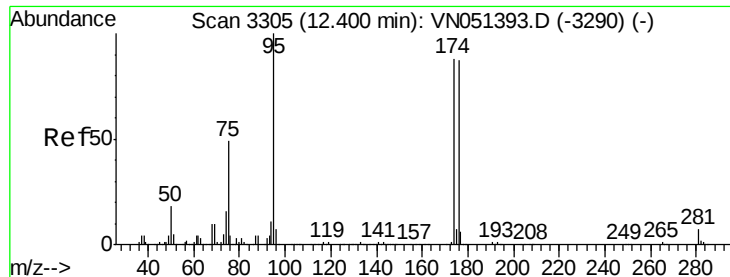
200000

0

10.00 10.10 10.20 10.30

Time-->





#62

4-Bromofluorobenzene

Concen: 38.387 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051513.D

Acq: 26 Sep 2018 3:46

Instrument :

MSVOA_N

ClientSampleId :

PB113167ZHE#07

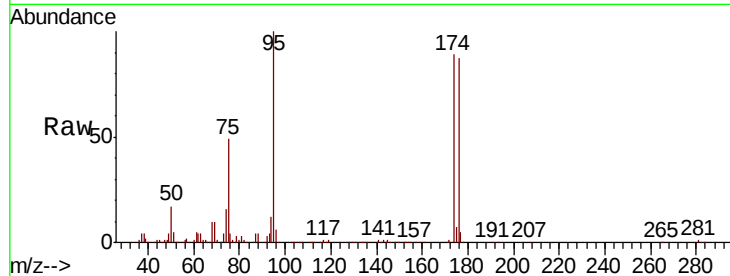
Tgt Ion: 95 Resp: 390872

Ion Ratio Lower Upper

95 100

174 90.3 0.0 181.6

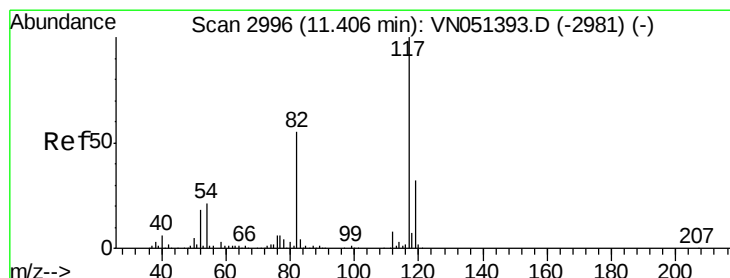
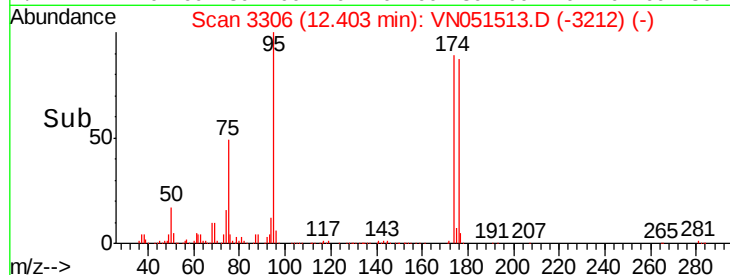
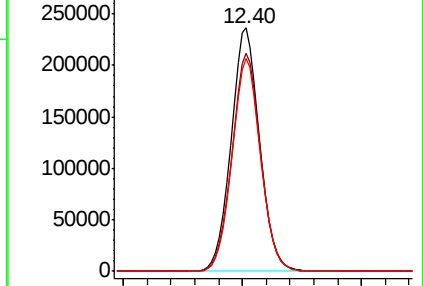
176 87.4 0.0 176.4



Abundance Ion 94.90 (94.60 to 95.60): VN051393.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN051393.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN051393.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051513.D

Acq: 26 Sep 2018 3:46

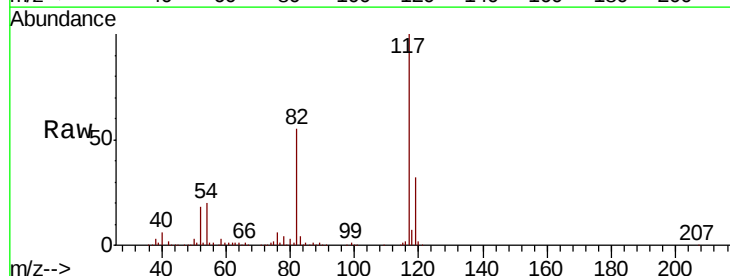
Tgt Ion: 117 Resp: 869549

Ion Ratio Lower Upper

117 100

82 54.9 44.2 66.2

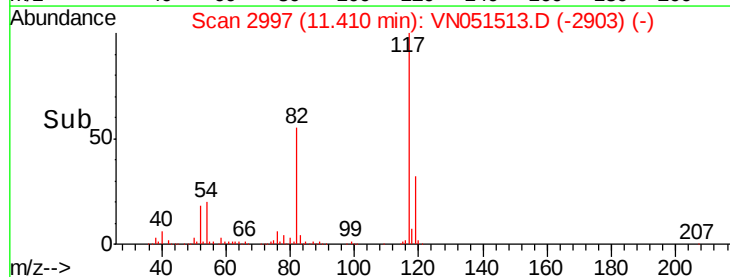
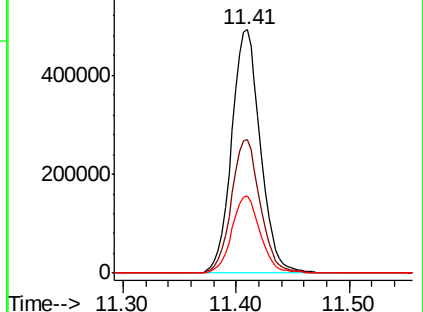
119 31.6 25.9 38.9

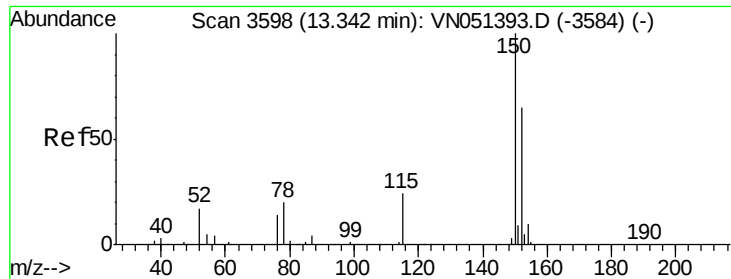


Abundance Ion 116.90 (116.60 to 117.60): VN051393.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN051393.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN051393.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051513.D

Acq: 26 Sep 2018 3:46

Instrument :

MSVOA_N

ClientSampleId :

PB113167ZHE#07

Tgt Ion:152 Resp: 316801

Ion Ratio Lower Upper

152 100

115 56.6 28.3 84.9

150 158.9 0.0 353.6

