

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092618\
 Data File : VN051526.D
 Acq On : 26 Sep 2018 9:56
 Operator : MD\SY
 Sample : PB113167ZHE#15
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113167ZHE#15

Quant Time: Sep 26 11:52:17 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

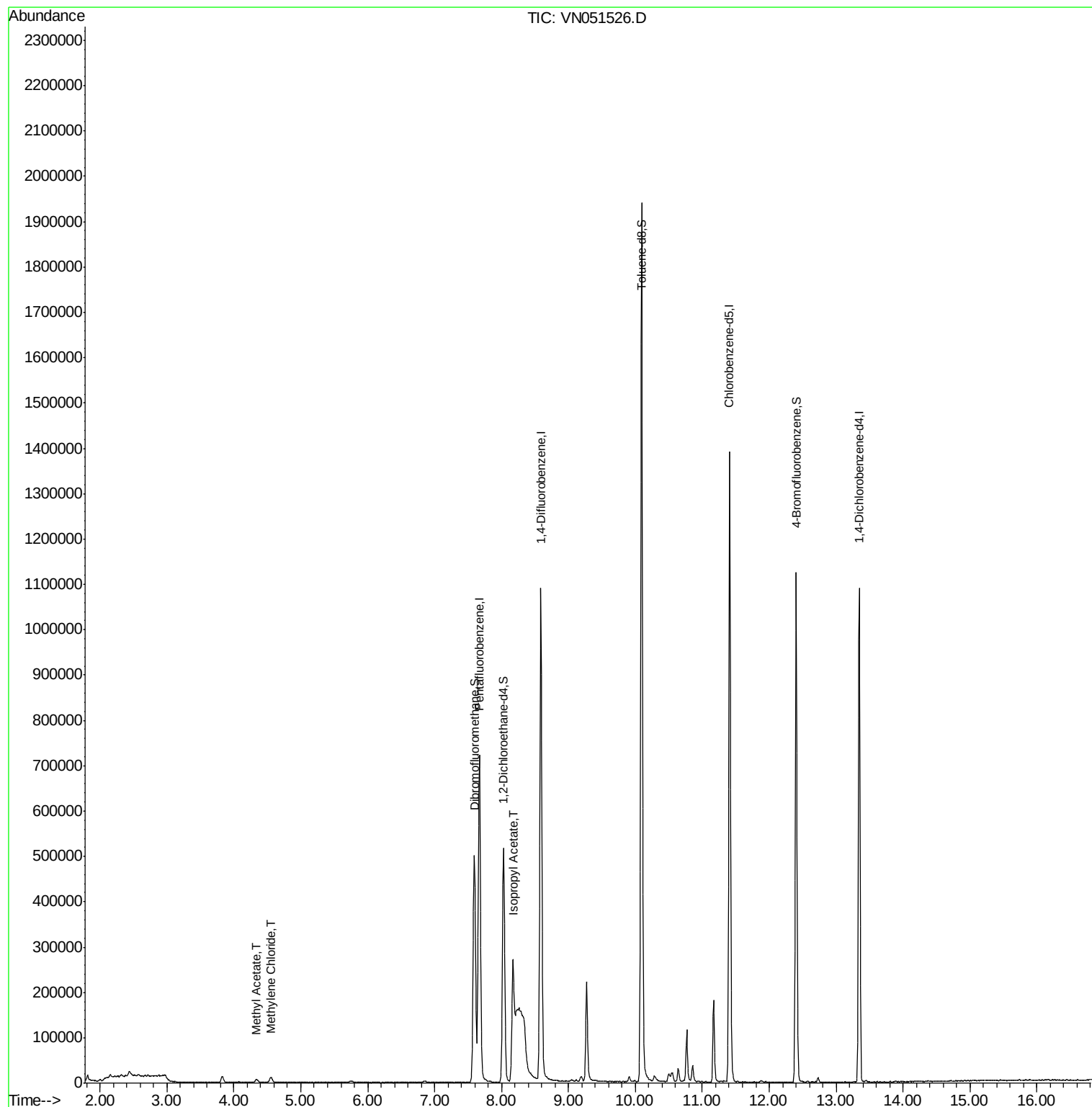
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	610303	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1001292	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	850413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	311058	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	448802	58.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.40%	
35) Dibromofluoromethane	7.59	113	384230	47.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.98%	
50) Toluene-d8	10.09	98	1388616	46.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.12%	
62) 4-Bromofluorobenzene	12.40	95	378246	38.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.56%	
Target Compounds						
18) Methyl Acetate	4.34	43	15059	2.586	ug/l #	80
20) Methylene Chloride	4.55	84	4838	0.640	ug/l	89
43) Isopropyl Acetate	8.17	43	348996	28.950	ug/l #	89

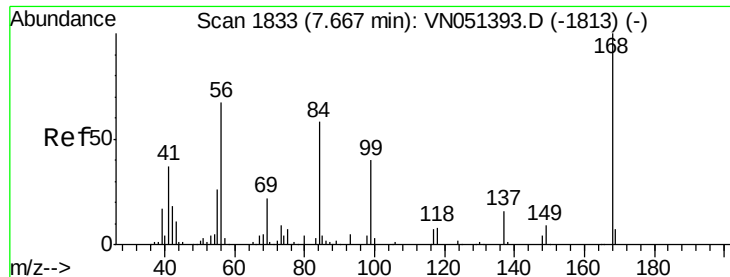
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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ClientSampleId :

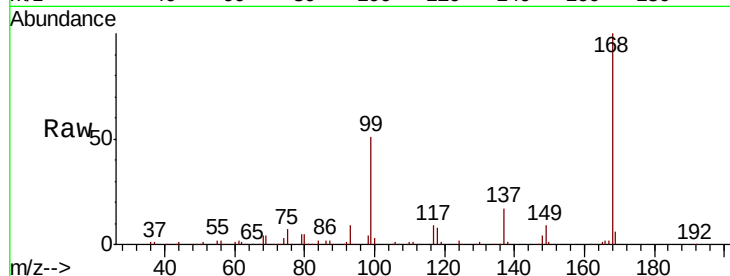
PB113167ZHE#15

Tgt Ion:168 Resp: 610303

Ion Ratio Lower Upper

168 100

99 50.7 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

250000

200000

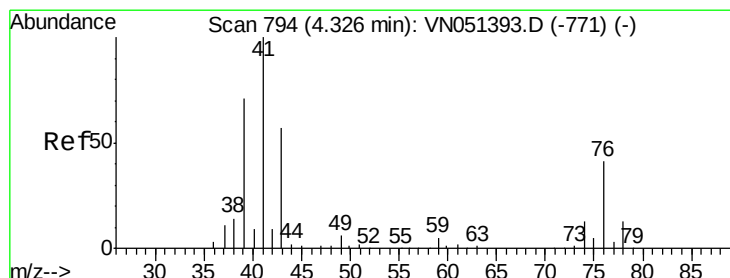
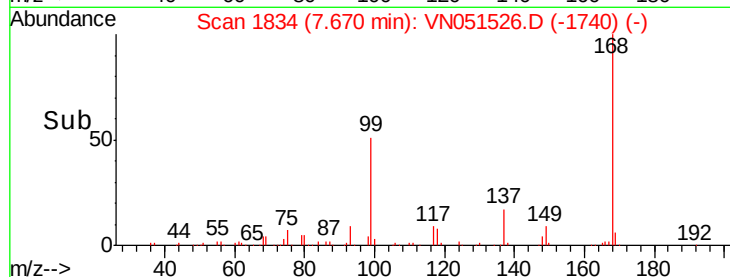
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 2.586 ug/l

RT: 4.34 min Scan# 798

Delta R.T. 0.01 min

Lab File: VN051526.D

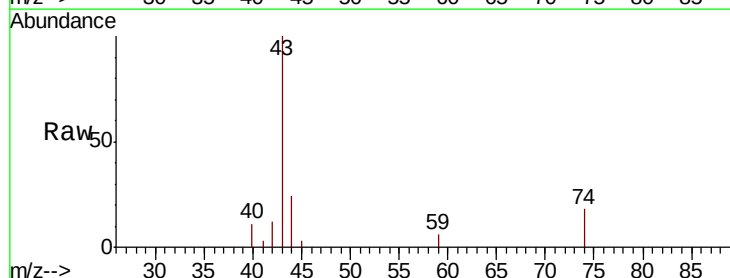
Acq: 26 Sep 2018 9:56

Tgt Ion: 43 Resp: 15059

Ion Ratio Lower Upper

43 100

74 13.5 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) (-)

4.34

5000

4000

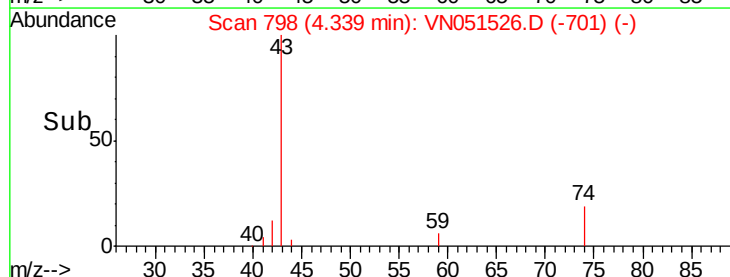
3000

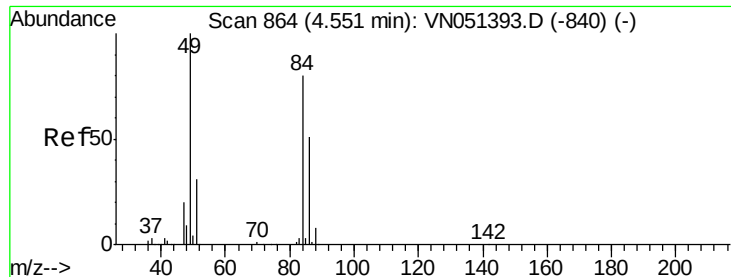
2000

1000

0

Time-->

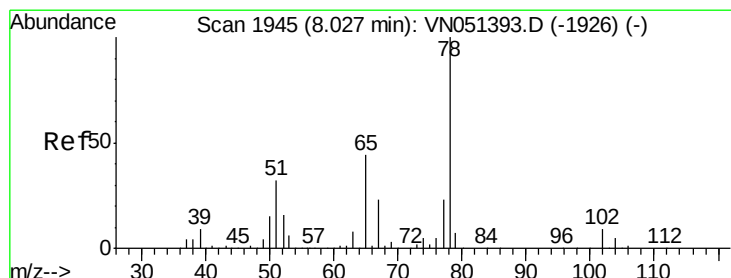
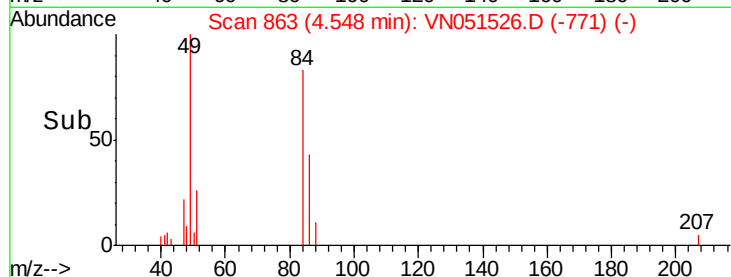
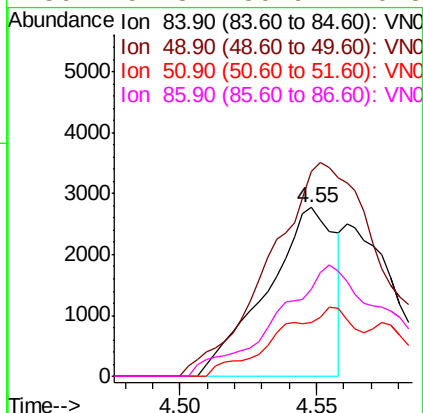
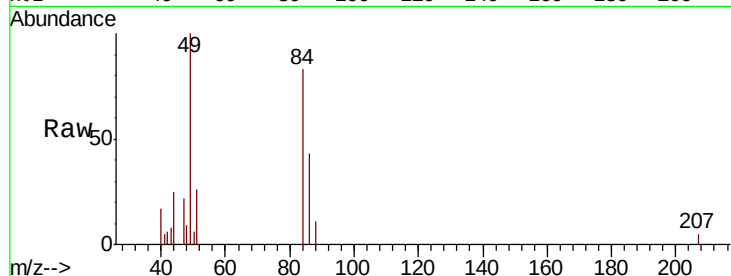




#20
Methylene Chloride
Concen: 0.640 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.00 min
Lab File: VN051526.D
Acq: 26 Sep 2018 9:56

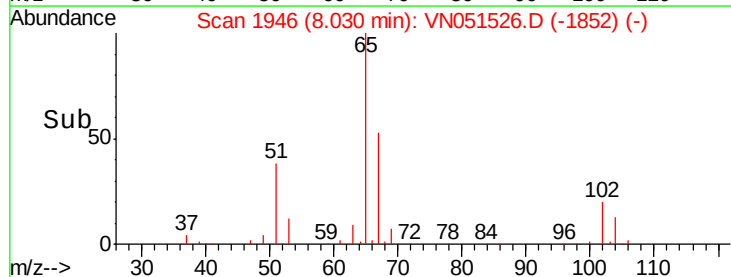
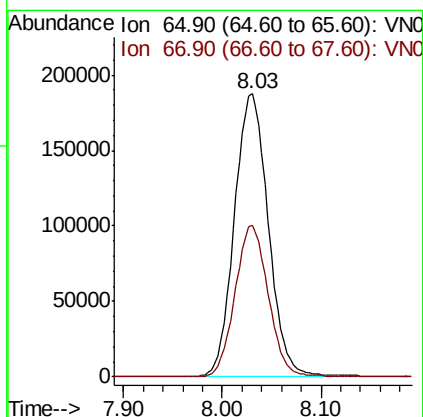
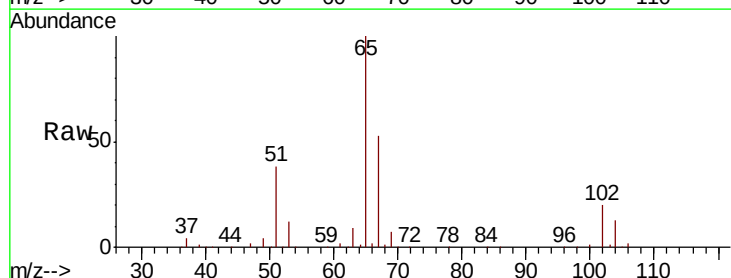
Instrument :
MSVOA_N
ClientSampleId :
PB113167ZHE#15

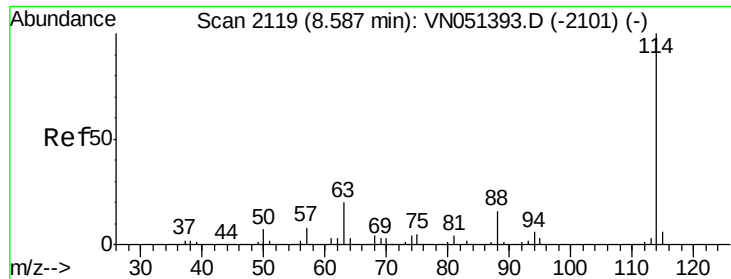
Tgt Ion: 84 Resp: 4838
Ion Ratio Lower Upper
84 100
49 114.8 99.9 149.9
51 31.6 31.4 47.2
86 51.8 50.9 76.3



#33
1,2-Dichloroethane-d4
Concen: 58.704 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051526.D
Acq: 26 Sep 2018 9:56

Tgt Ion: 65 Resp: 448802
Ion Ratio Lower Upper
65 100
67 52.6 0.0 107.8

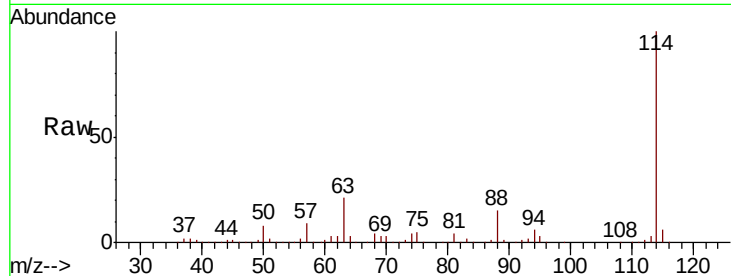




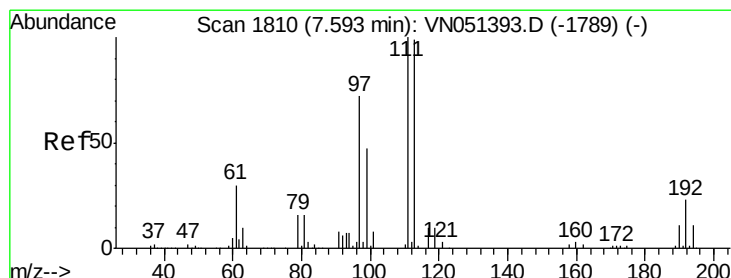
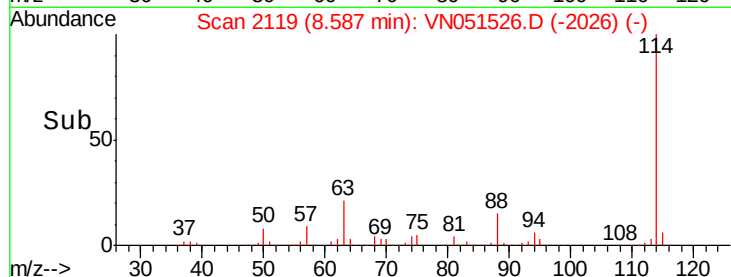
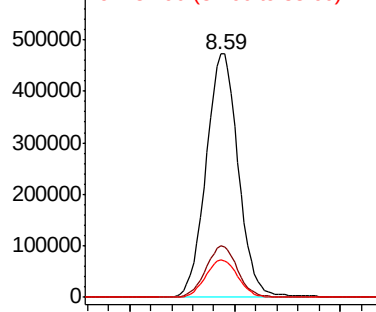
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051526.D
 Acq: 26 Sep 2018 9:56

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113167ZHE#15

Tgt Ion:114 Resp: 1001292
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 40.2
 88 15.3 0.0 31.4

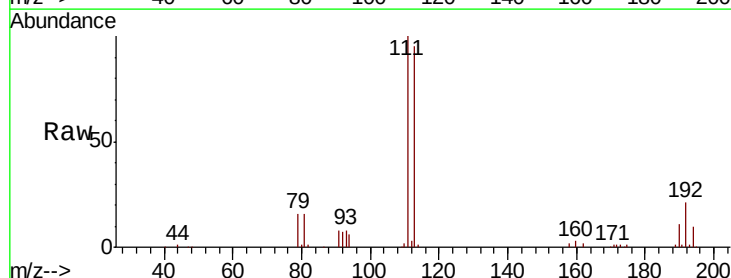


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

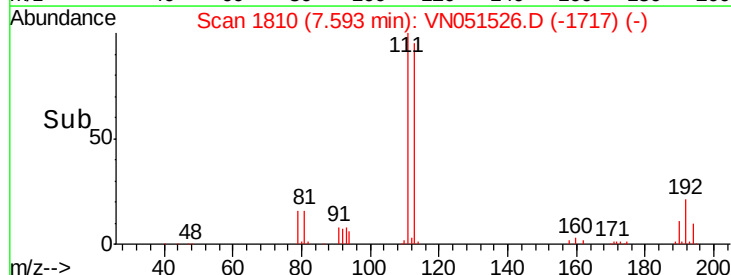
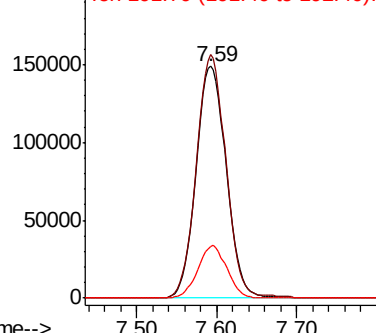


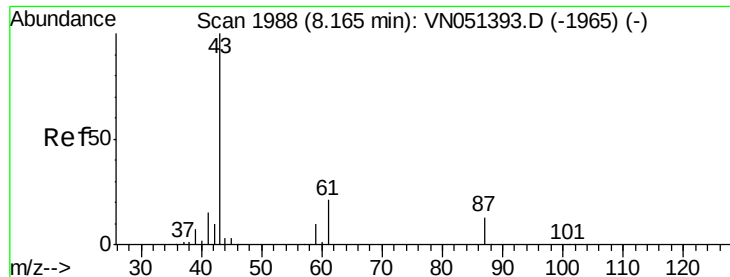
#35
 Dibromofluoromethane
 Concen: 47.987 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN051526.D
 Acq: 26 Sep 2018 9:56

Tgt Ion:113 Resp: 384230
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.6 123.8
 192 22.0 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: 28.950 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051526.D

Acq: 26 Sep 2018 9:56

Instrument :

MSVOA_N

ClientSampleId :

PB113167ZHE#15

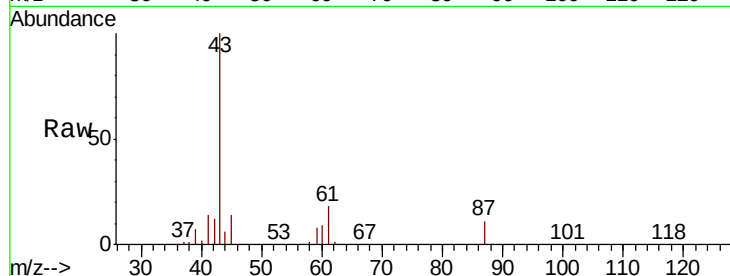
Tgt Ion: 43 Resp: 348996

Ion Ratio Lower Upper

43 100

61 15.1 16.8 25.2#

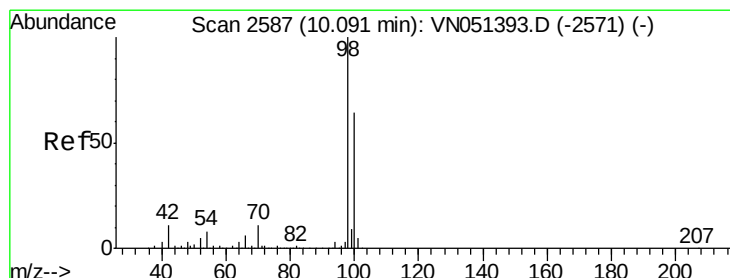
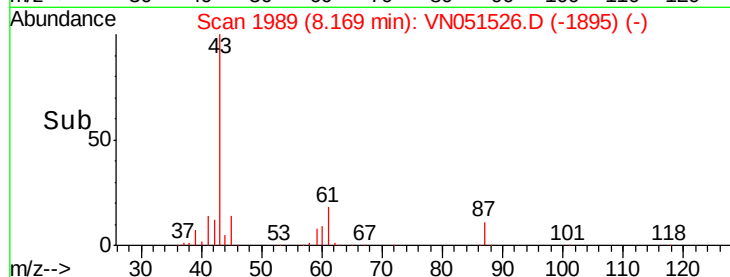
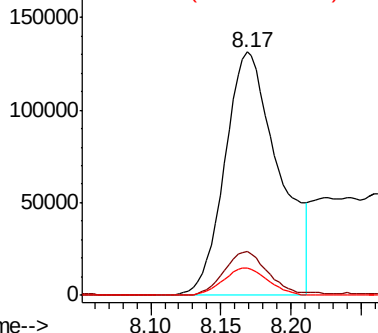
87 9.5 10.7 16.1#



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: 46.055 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051526.D

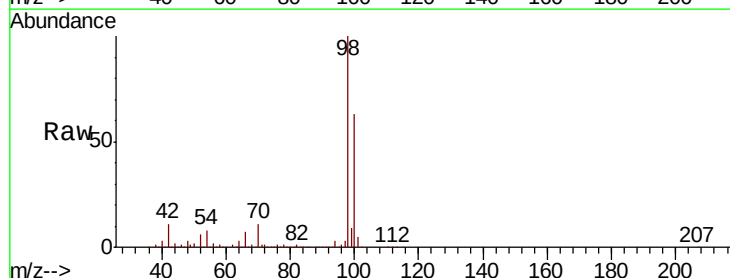
Acq: 26 Sep 2018 9:56

Tgt Ion: 98 Resp: 1388616

Ion Ratio Lower Upper

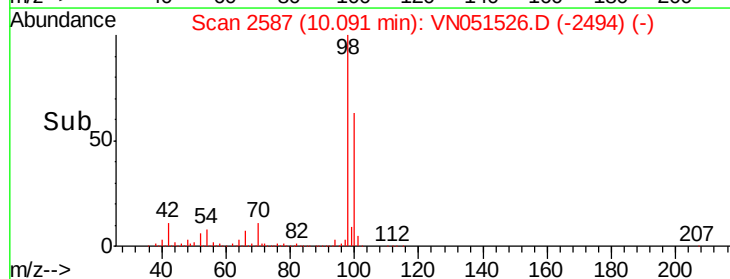
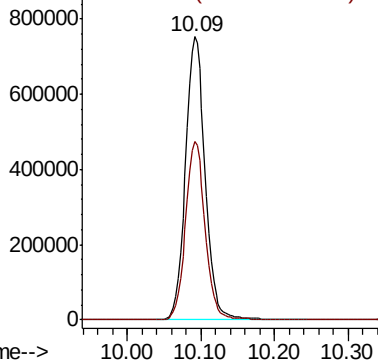
98 100

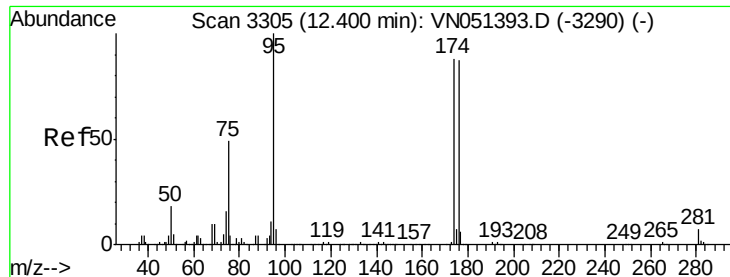
100 63.0 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 38.779 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051526.D

Acq: 26 Sep 2018 9:56

Instrument :

MSVOA_N

ClientSampleId :

PB113167ZHE#15

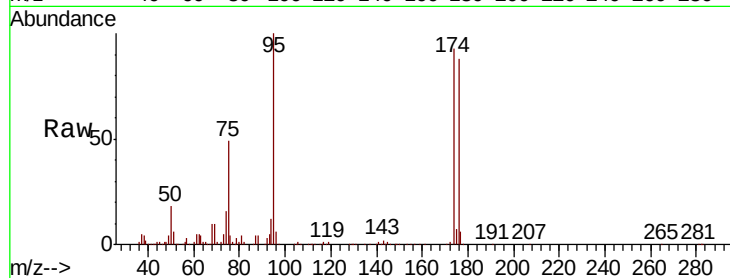
Tgt Ion: 95 Resp: 378246

Ion Ratio Lower Upper

95 100

174 91.5 0.0 181.6

176 87.3 0.0 176.4

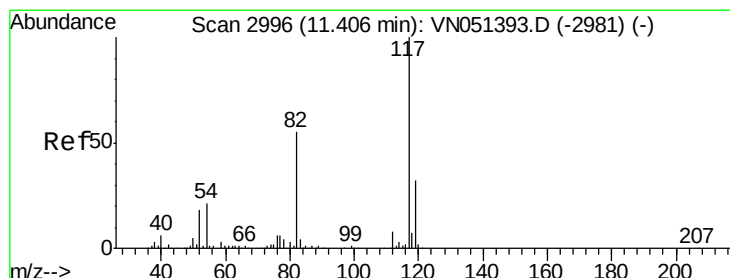
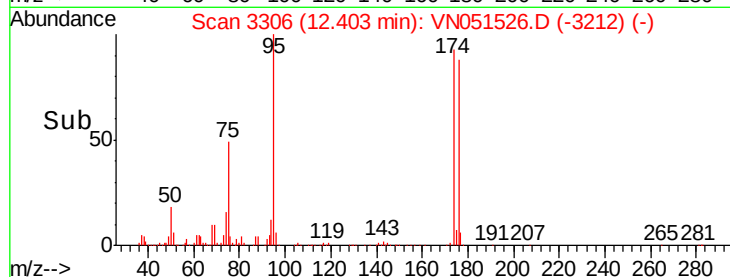


Abundance Ion 94.90 (94.60 to 95.60): VN051393.D (-3290) (-)

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

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

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN051526.D

Acq: 26 Sep 2018 9:56

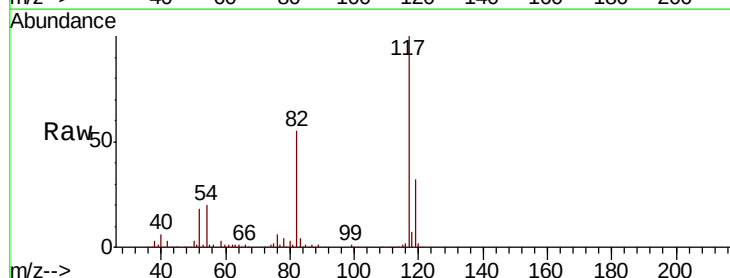
Tgt Ion: 117 Resp: 850413

Ion Ratio Lower Upper

117 100

82 55.0 44.2 66.2

119 31.9 25.9 38.9

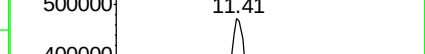
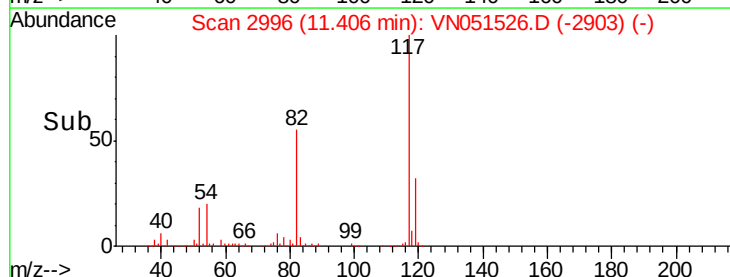


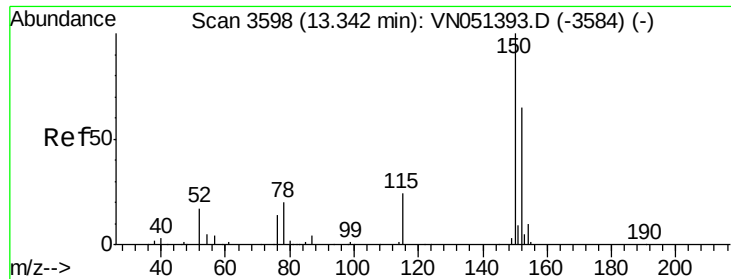
Abundance Ion 116.90 (116.60 to 117.60): VN051393.D (-2981) (-)

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

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

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051526.D

Acq: 26 Sep 2018 9:56

Instrument :

MSVOA_N

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PB113167ZHE#15

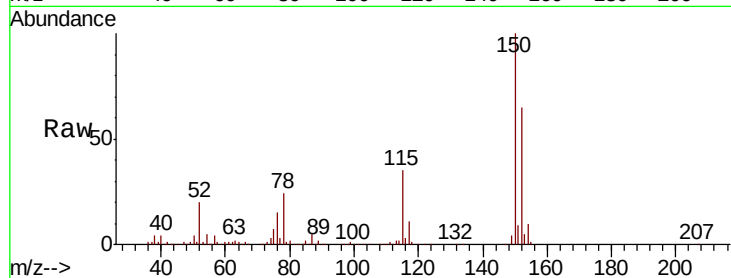
Tgt Ion:152 Resp: 311058

Ion Ratio Lower Upper

152 100

115 55.6 28.3 84.9

150 156.1 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

