

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092718\
 Data File : VN051553.D
 Acq On : 26 Sep 2018 22:51
 Operator : MD\SY
 Sample : PB113219ZHE#10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113219ZHE#10

Quant Time: Sep 27 08:42:29 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

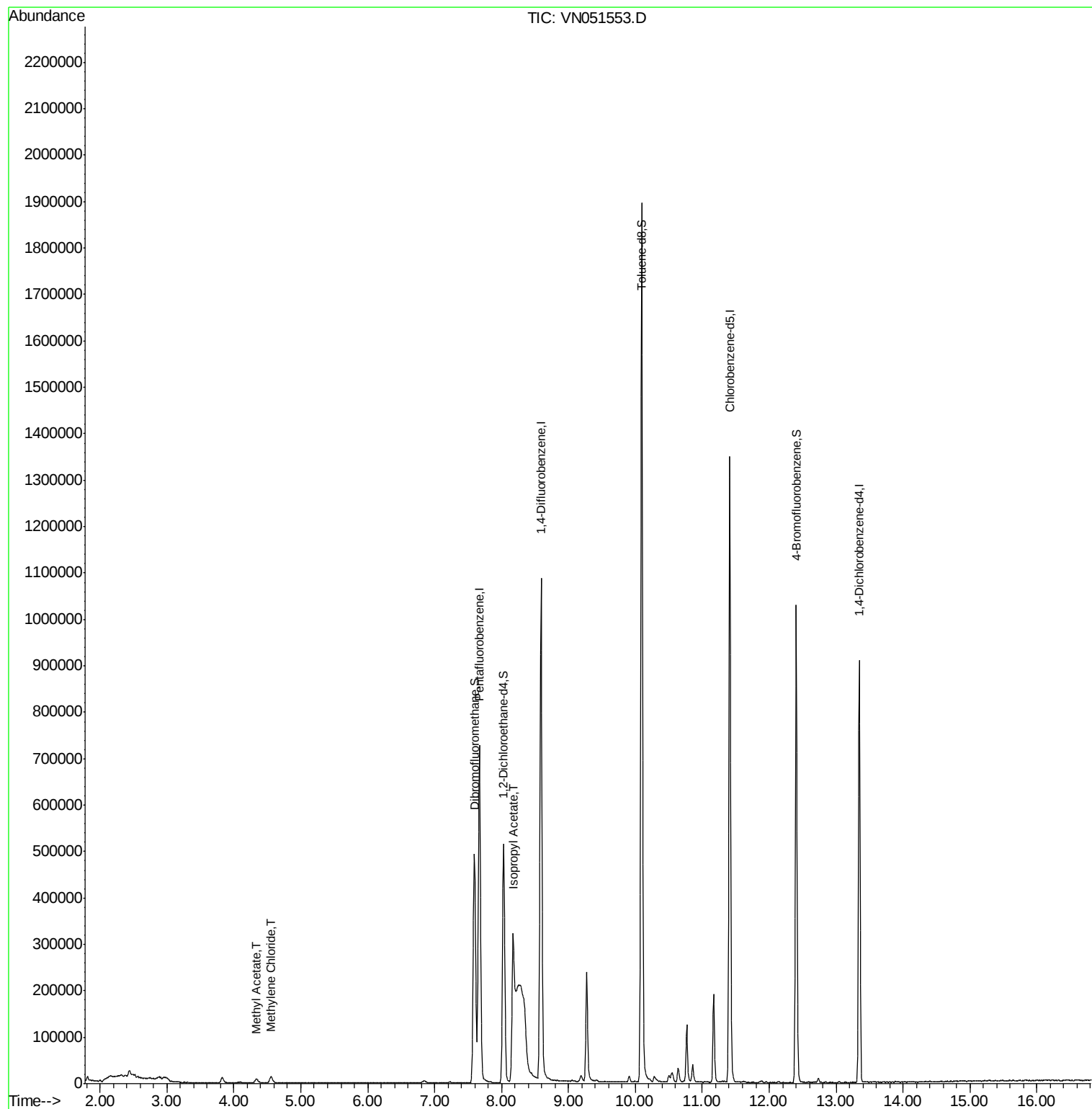
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	610741	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	999321	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	805999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	257785	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	438307	57.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.58%	
35) Dibromofluoromethane	7.59	113	378514	47.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.74%	
50) Toluene-d8	10.09	98	1363922	45.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.66%	
62) 4-Bromofluorobenzene	12.40	95	342141	35.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.30%	
Target Compounds						
18) Methyl Acetate	4.34	43	17351	2.978	ug/l #	77
20) Methylene Chloride	4.55	84	9955	1.315	ug/l	96
43) Isopropyl Acetate	8.17	43	438639	36.457	ug/l #	86

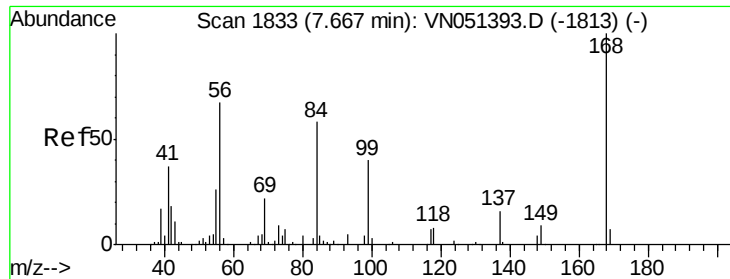
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051553.D

Acq: 26 Sep 2018 22:51

Instrument :

MSVOA_N

ClientSampleId :

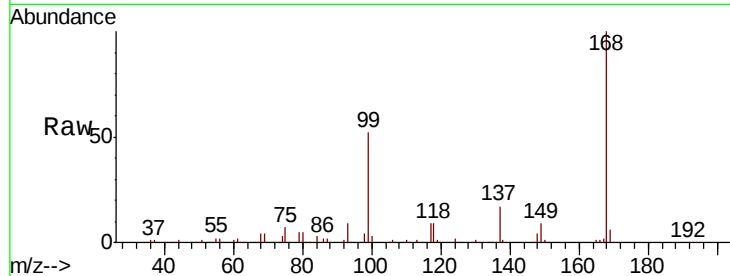
PB113219ZHE#10

Tot Ion:168 Resp: 610741

Ion Ratio Lower Upper

168 100

99 51.9 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

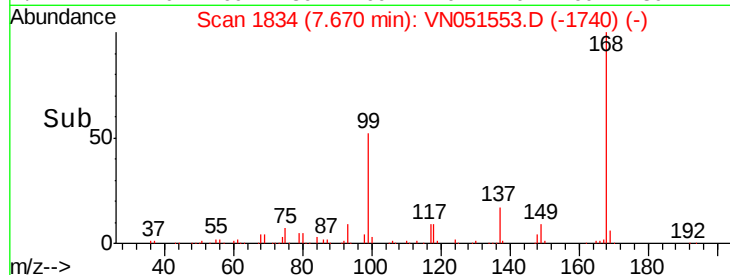
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 2.978 ug/l

RT: 4.34 min Scan# 798

Delta R.T. 0.01 min

Lab File: VN051553.D

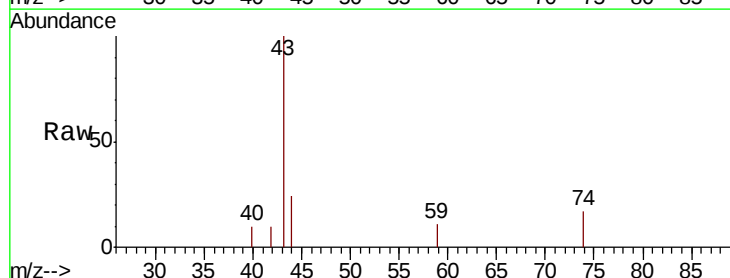
Acq: 26 Sep 2018 22:51

Tgt Ion: 43 Resp: 17351

Ion Ratio Lower Upper

43 100

74 12.4 18.8 28.2#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

4.34

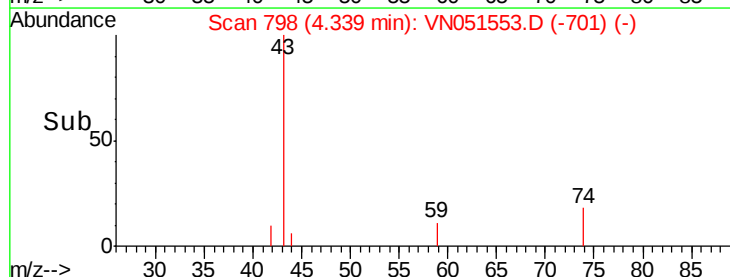
6000

4000

2000

0

Time-->

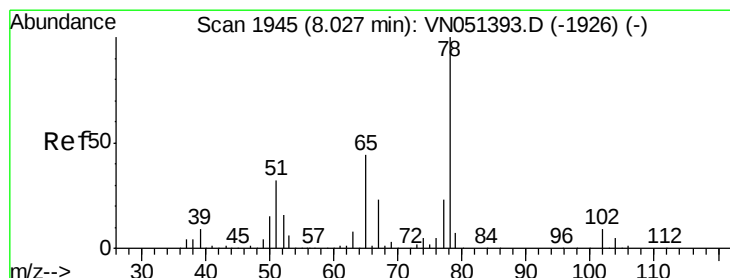
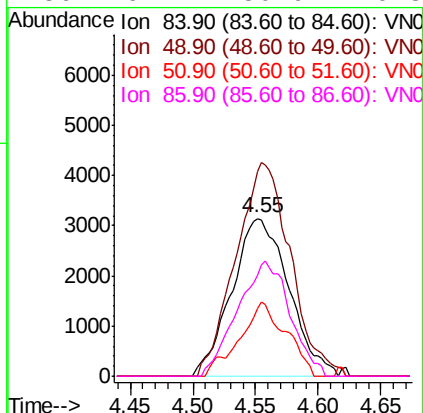
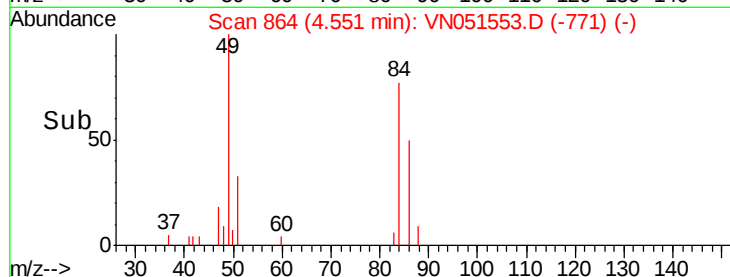
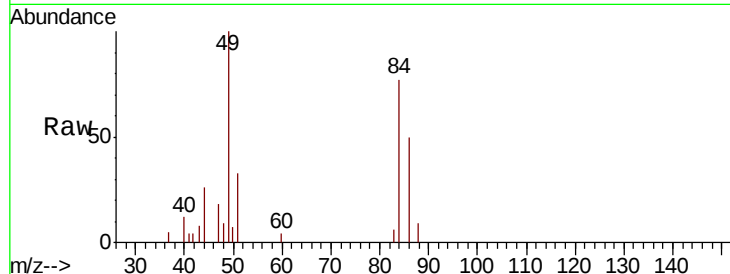




#20
Methvlene Chloride
Concen: 1.315 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN051553.D
Acq: 26 Sep 2018 22:51

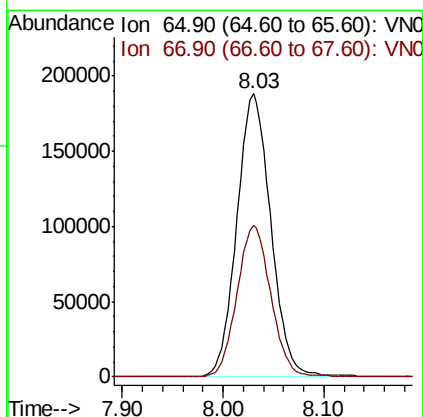
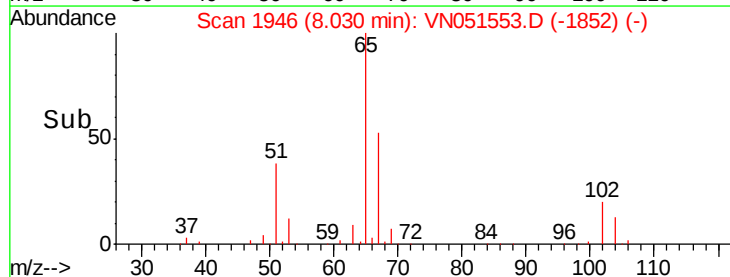
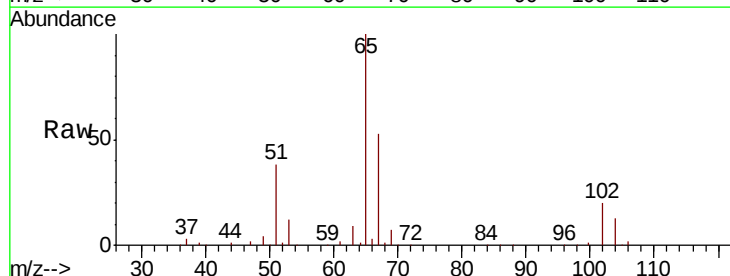
Instrument :
MSVOA_N
ClientSampleId :
PB113219ZHE#10

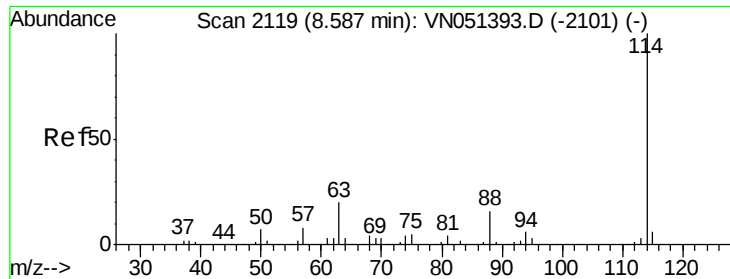
Tot Ion: 84 Resp: 9955
Ion Ratio Lower Upper
84 100
49 129.9 99.9 149.9
51 42.7 31.4 47.2
86 64.4 50.9 76.3



#33
1,2-Dichloroethane-d4
Concen: 57.290 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051553.D
Acq: 26 Sep 2018 22:51

Tgt Ion: 65 Resp: 438307
Ion Ratio Lower Upper
65 100
67 53.1 0.0 107.8

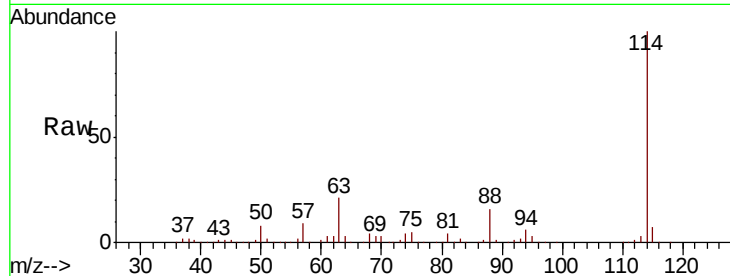




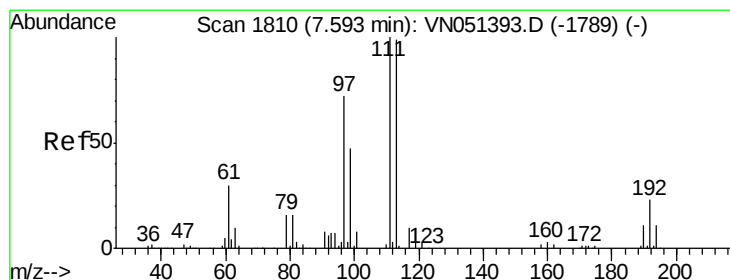
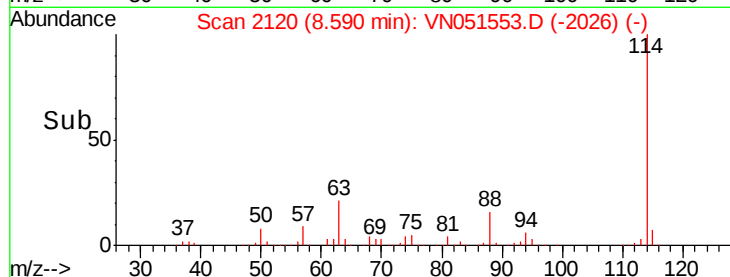
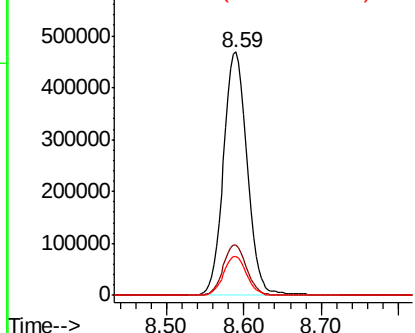
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: VN051553.D
 Acq: 26 Sep 2018 22:51

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113219ZHE#10

Tot Ion:114 Resp: 999321
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.2
 88 16.0 0.0 31.4

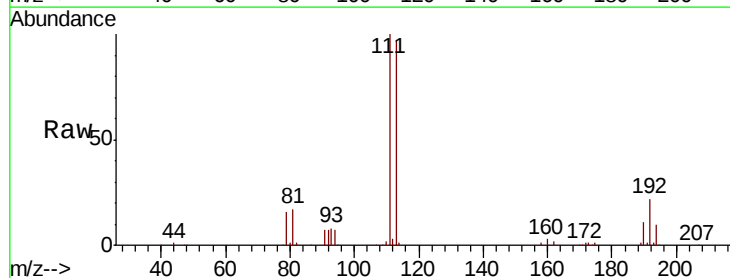


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

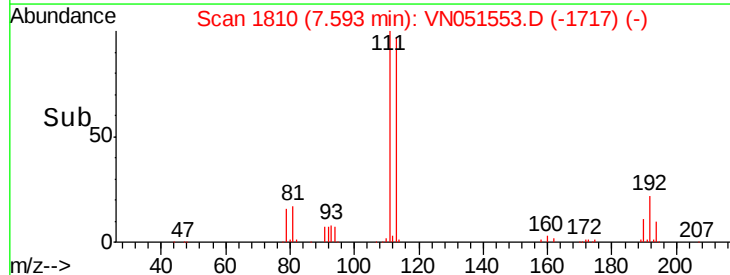
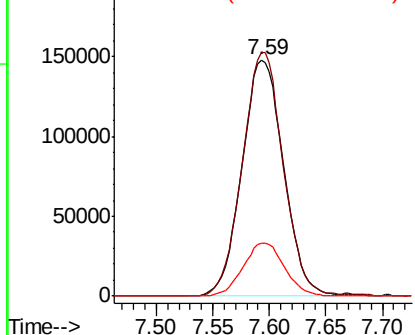


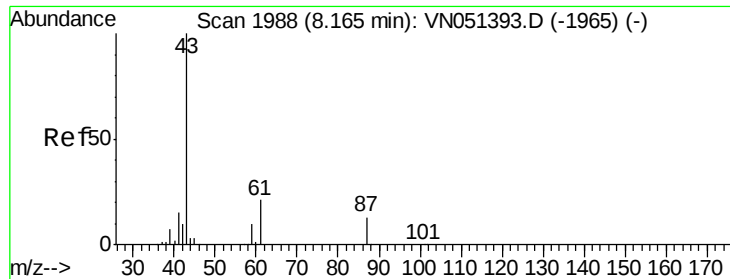
#35
 Dibromofluoromethane
 Concen: 47.367 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN051553.D
 Acq: 26 Sep 2018 22:51

Tgt Ion:113 Resp: 378514
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.6 123.8
 192 22.4 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



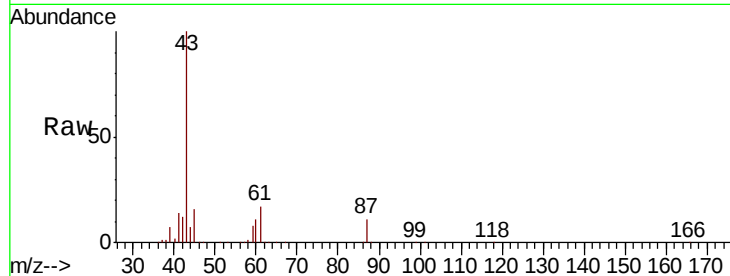


#43

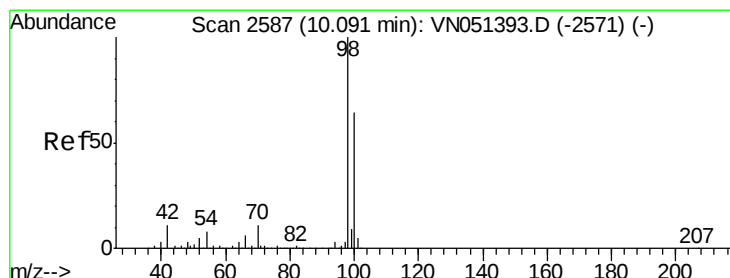
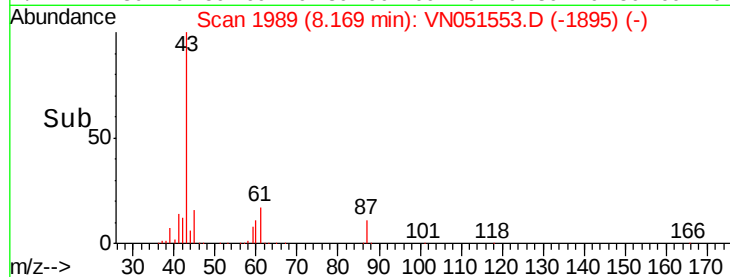
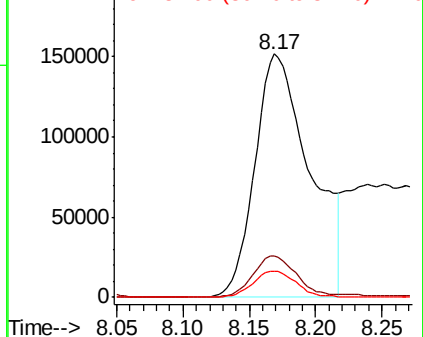
Isopropyl Acetate
 Concen: 36.457 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN051553.D
 Acq: 26 Sep 2018 22:51

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113219ZHE#10

Tot Ion: 43 Resp: 438639
 Ion Ratio Lower Upper
 43 100
 61 13.6 16.8 25.2#
 87 8.5 10.7 16.1#



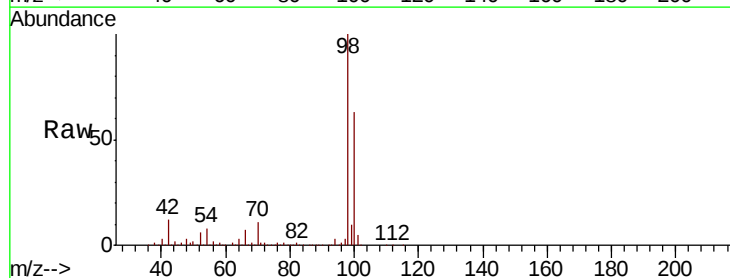
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



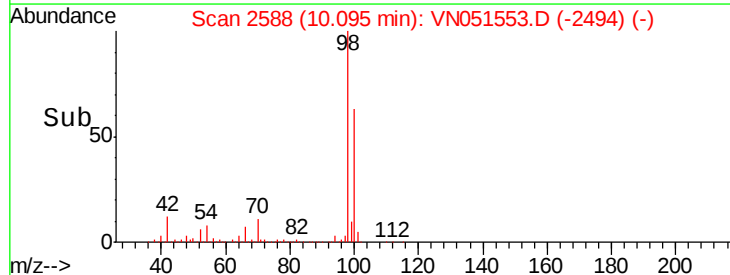
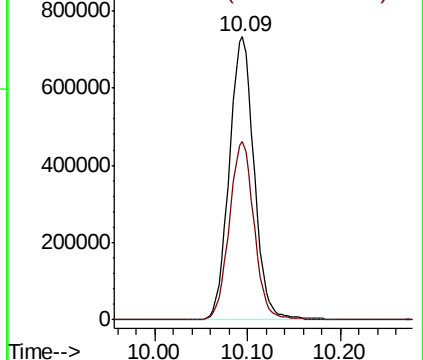
#50

Toluene-d8
 Concen: 45.326 ug/l
 RT: 10.09 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN051553.D
 Acq: 26 Sep 2018 22:51

Tgt Ion: 98 Resp: 1363922
 Ion Ratio Lower Upper
 98 100
 100 62.9 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: 35.147 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051553.D

Acq: 26 Sep 2018 22:51

Instrument :

MSVOA_N

ClientSampleId :

PB113219ZHE#10

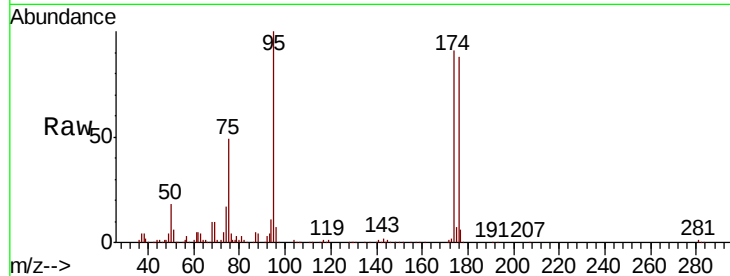
Tot Ion: 95 Resp: 342141

Ion Ratio Lower Upper

95 100

174 90.8 0.0 181.6

176 87.5 0.0 176.4

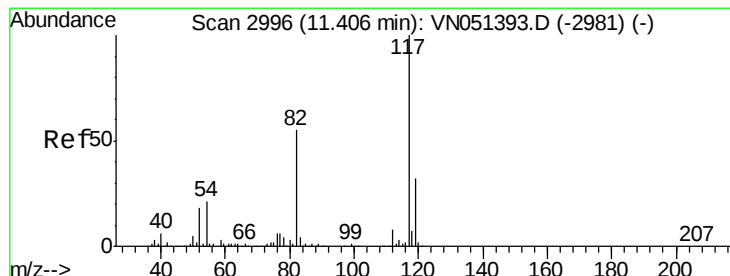
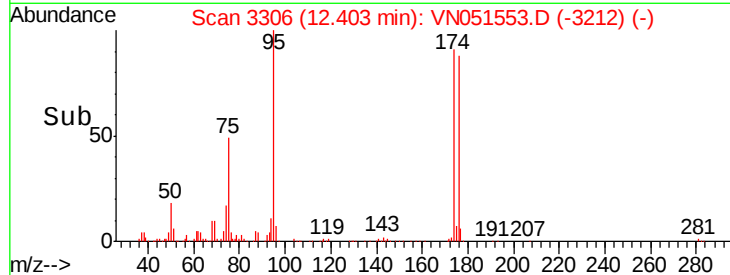


Abundance Ion 94.90 (94.60 to 95.60): VN051393.D (-3290) (-)

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# 2997

Delta R.T. 0.00 min

Lab File: VN051553.D

Acq: 26 Sep 2018 22:51

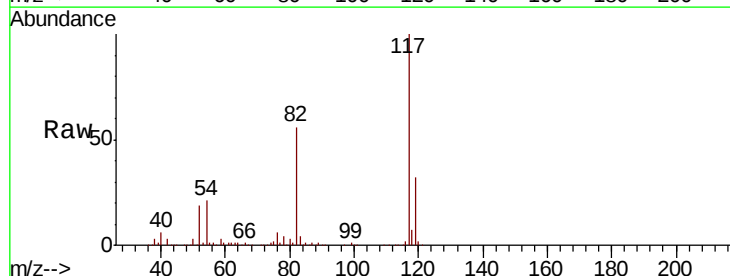
Tgt Ion: 117 Resp: 805999

Ion Ratio Lower Upper

117 100

82 55.9 44.2 66.2

119 31.7 25.9 38.9

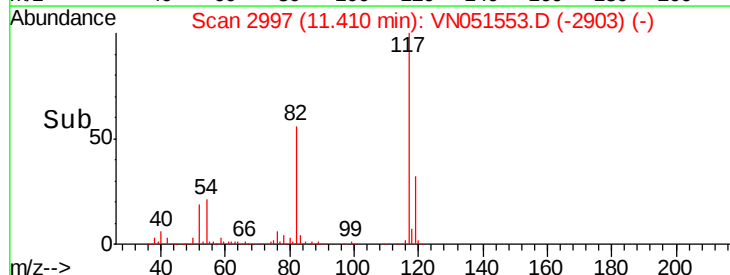


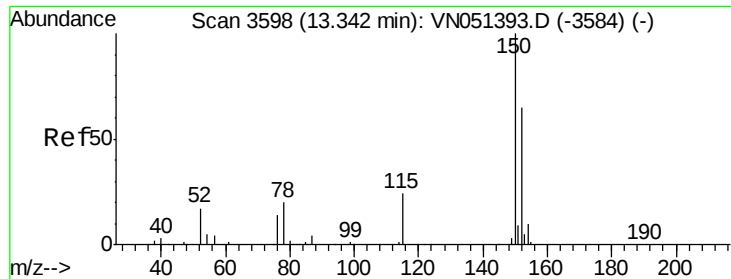
Abundance Ion 116.90 (116.60 to 117.60): VN051393.D (-2981) (-)

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: VN051553.D

Acq: 26 Sep 2018 22:51

Instrument :

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ClientSampleId :

PB113219ZHE#10

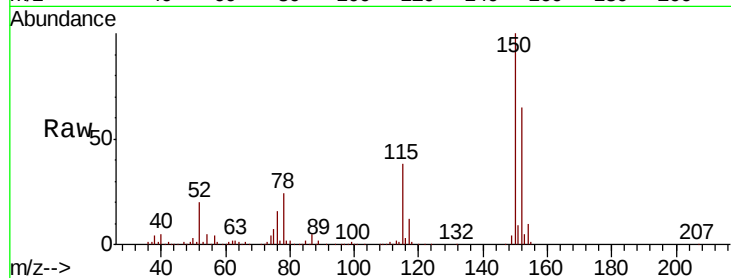
Tot Ion:152 Resp: 257785

Ion Ratio Lower Upper

152 100

115 57.2 28.3 84.9

150 154.5 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

