

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092718\
 Data File : VN051552.D
 Acq On : 26 Sep 2018 22:26
 Operator : MD\SY
 Sample : PB113219ZHE#09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113219ZHE#09

Quant Time: Sep 27 08:39:38 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

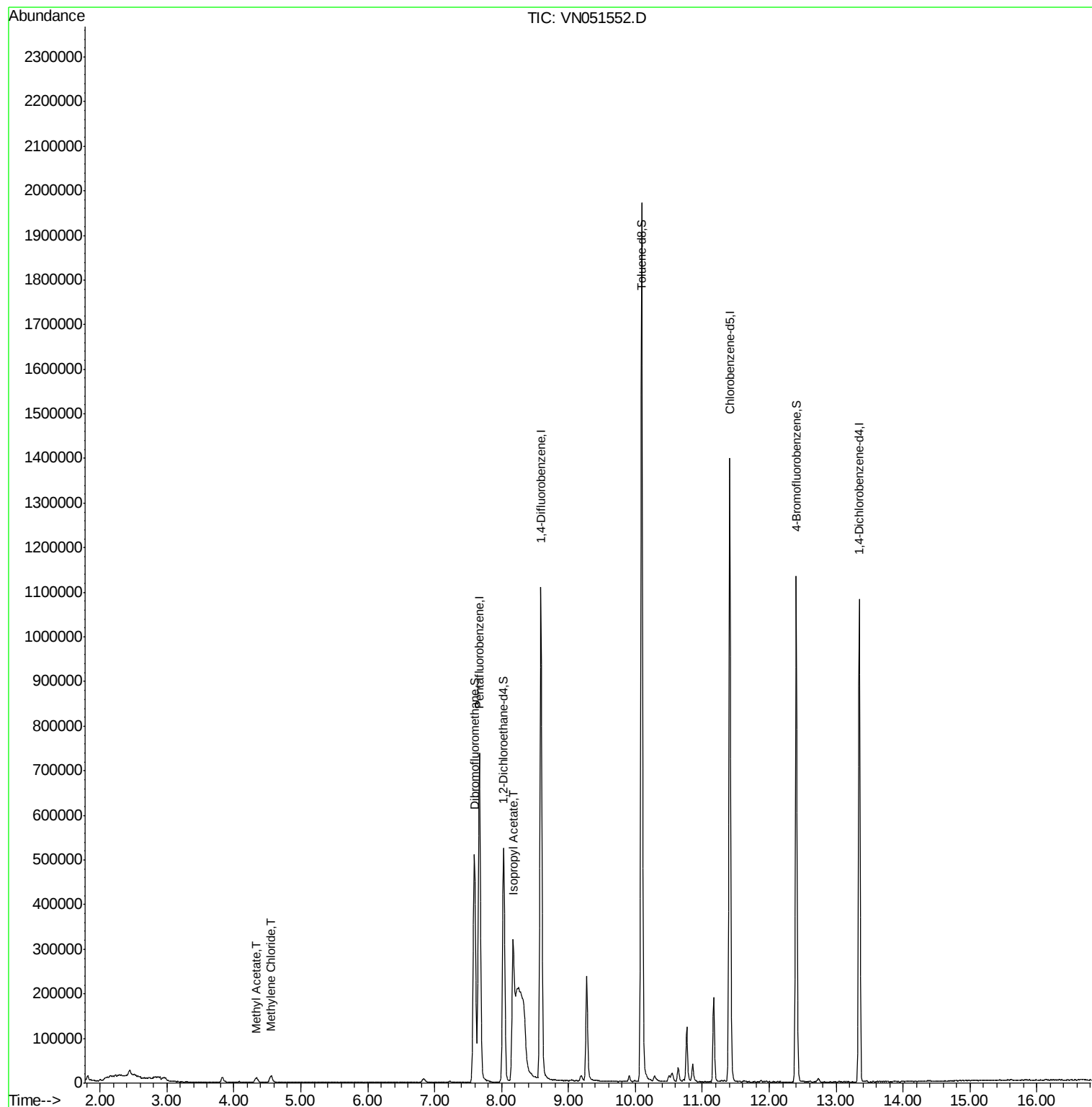
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	616872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1011123	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	847131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	294852	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	451304	58.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.80%	
35) Dibromofluoromethane	7.59	113	388828	48.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.18%	
50) Toluene-d8	10.09	98	1407550	46.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.46%	
62) 4-Bromofluorobenzene	12.40	95	378450	38.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.84%	
Target Compounds						
18) Methyl Acetate	4.34	43	18438	3.133	ug/l #	76
20) Methylene Chloride	4.56	84	10793	1.411	ug/l	87
43) Isopropyl Acetate	8.17	43	402897	33.096	ug/l #	89

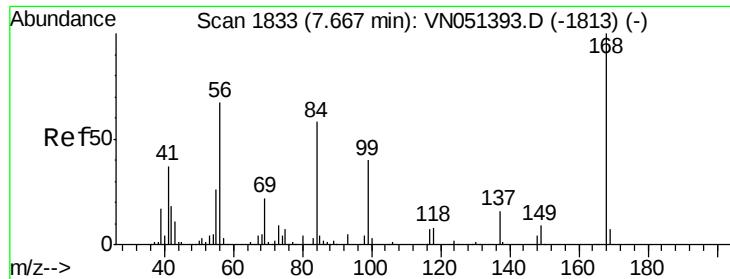
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092718\
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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: VN051552.D

Acq: 26 Sep 2018 22:26

Instrument :

MSVOA_N

ClientSampleId :

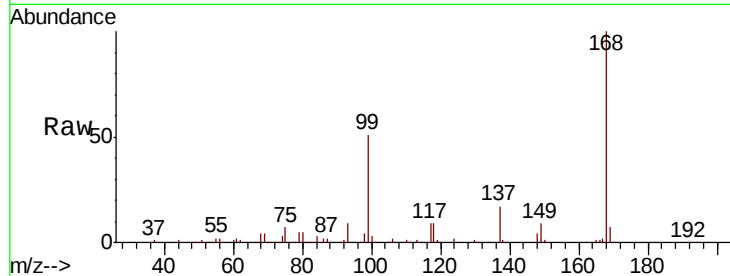
PB113219ZHE#09

Tot Ion:168 Resp: 616872

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

250000

200000

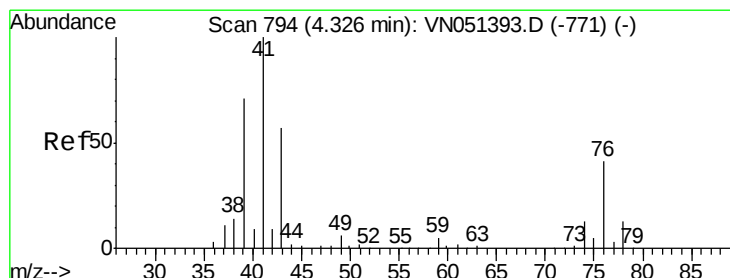
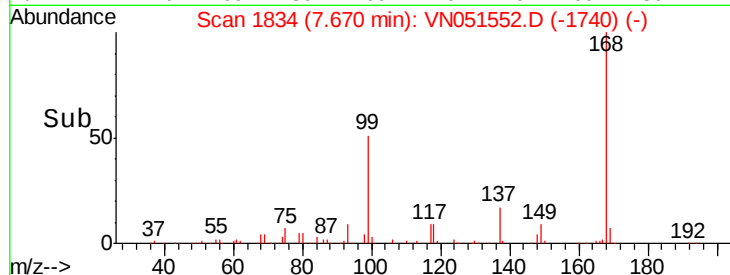
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 3.133 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN051552.D

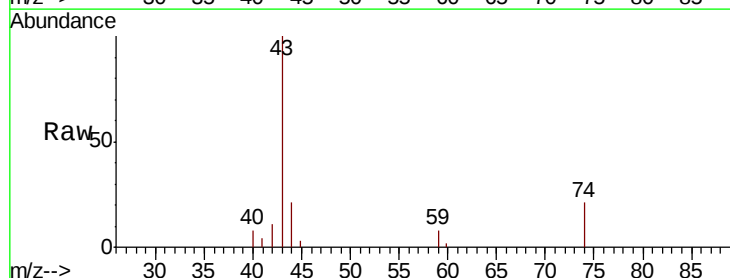
Acq: 26 Sep 2018 22:26

Tgt Ion: 43 Resp: 18438

Ion Ratio Lower Upper

43 100

74 11.9 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

8000

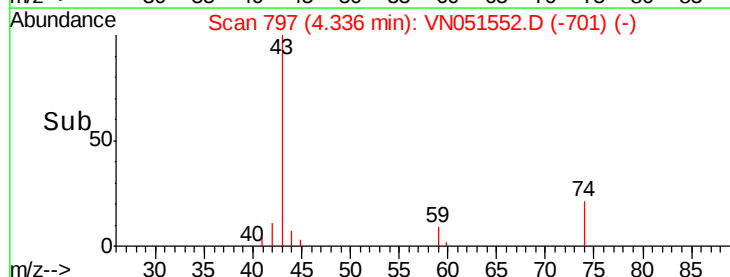
6000

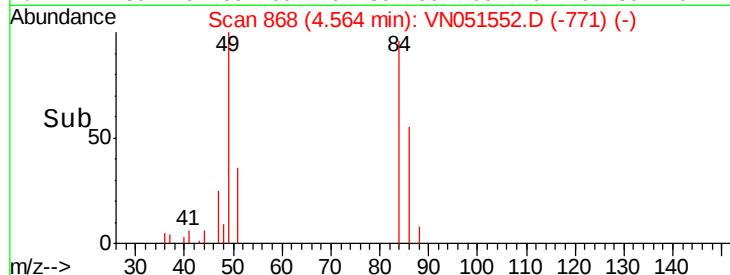
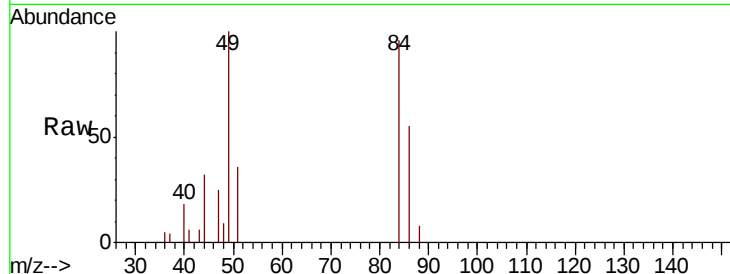
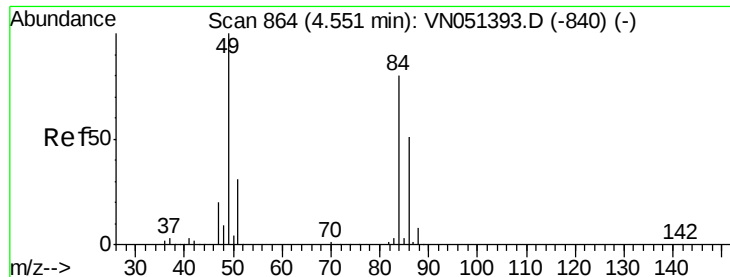
4000

2000

0

Time-->

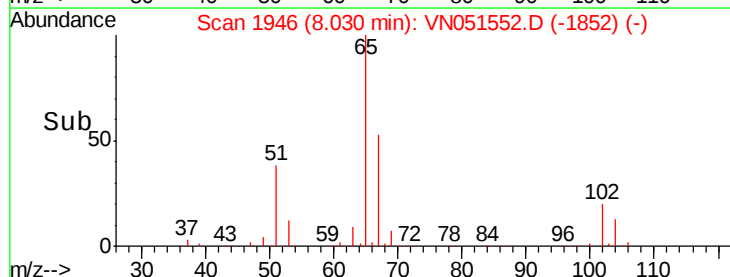
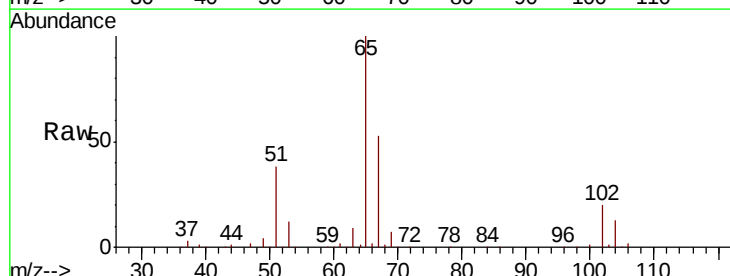
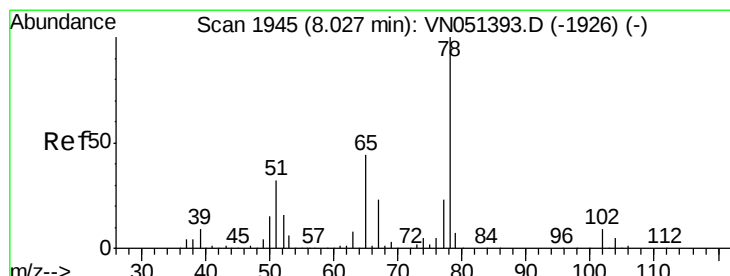
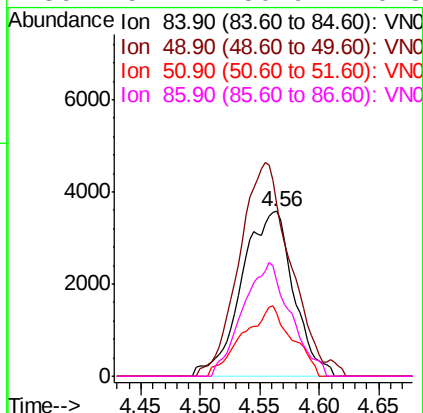




#20
Methvlene Chloride
Concen: 1.411 ug/l
RT: 4.56 min Scan# 868
Delta R.T. 0.01 min
Lab File: VN051552.D
Acq: 26 Sep 2018 22:26

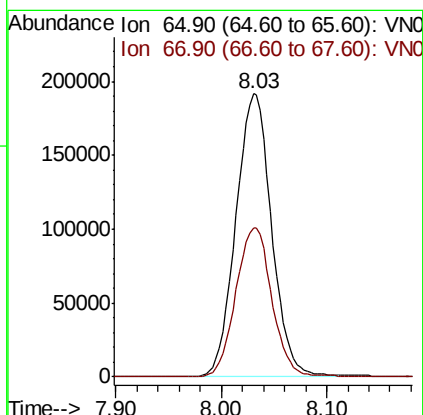
Instrument :
MSVOA_N
ClientSampleId :
PB113219ZHE#09

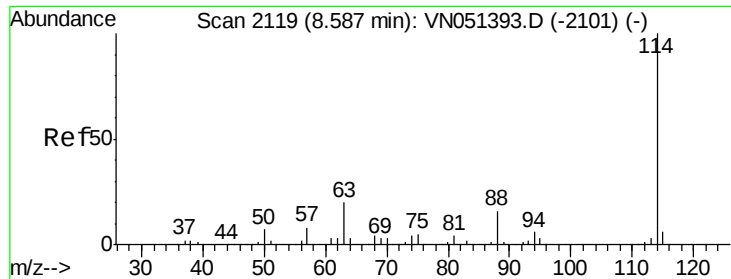
Tot Ion: 84 Resp: 10793
Ion Ratio Lower Upper
84 100
49 104.3 99.9 149.9
51 38.0 31.4 47.2
86 57.2 50.9 76.3



#33
1,2-Dichloroethane-d4
Concen: 58.403 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051552.D
Acq: 26 Sep 2018 22:26

Tgt Ion: 65 Resp: 451304
Ion Ratio Lower Upper
65 100
67 52.9 0.0 107.8

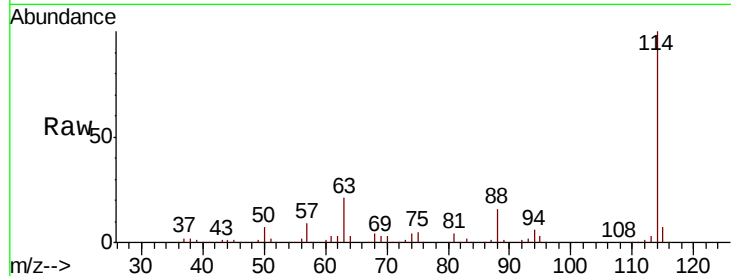




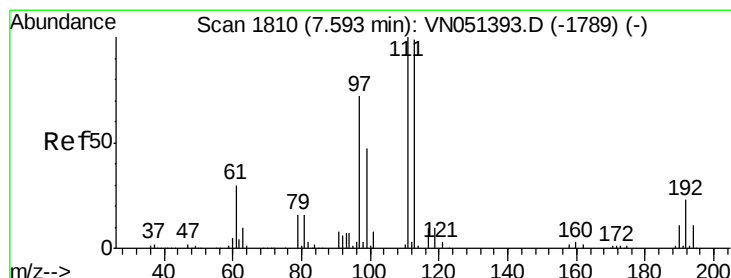
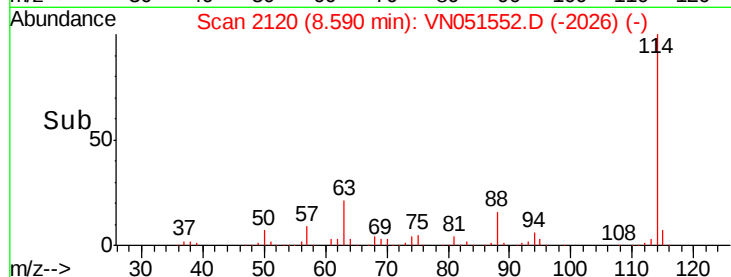
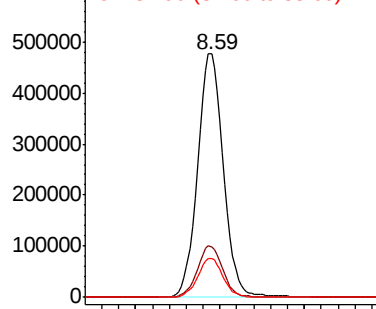
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: VN051552.D
 Acq: 26 Sep 2018 22:26

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113219ZHE#09

Tot Ion:114 Resp: 1011123
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 40.2
 88 16.0 0.0 31.4

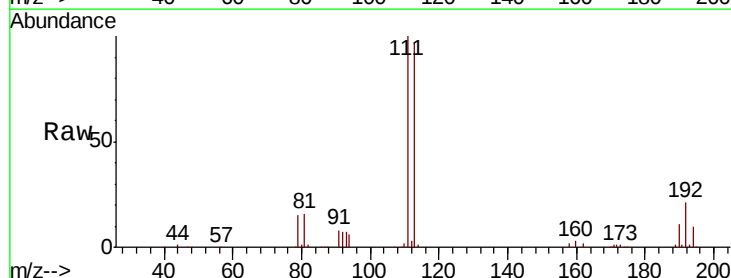


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

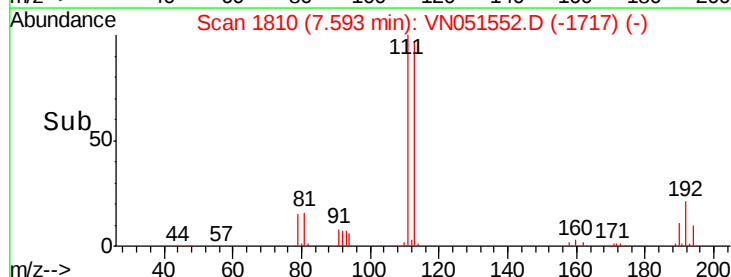
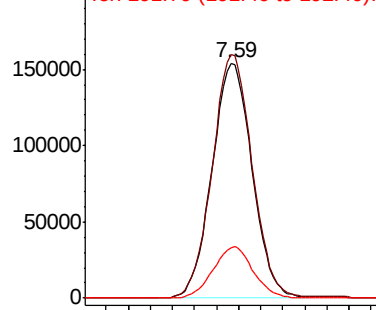


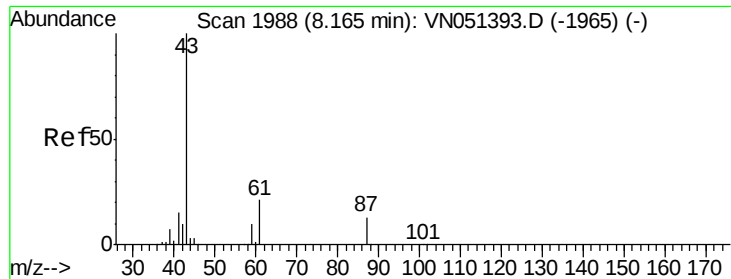
#35
 Dibromofluoromethane
 Concen: 48.090 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN051552.D
 Acq: 26 Sep 2018 22:26

Tgt Ion:113 Resp: 388828
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.6 123.8
 192 21.8 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



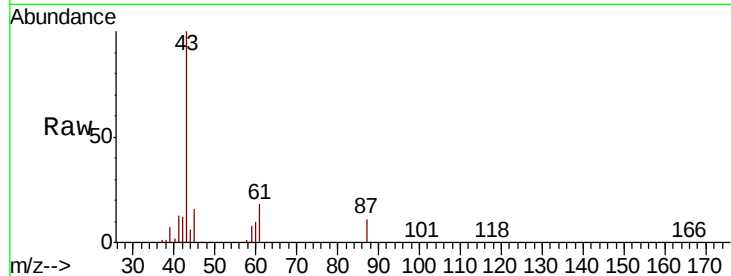


#43

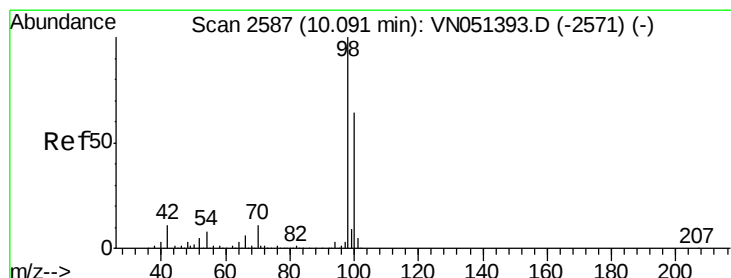
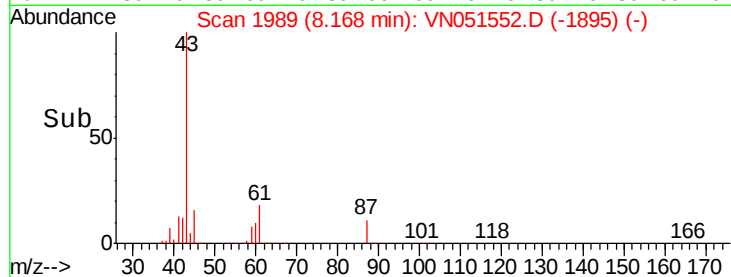
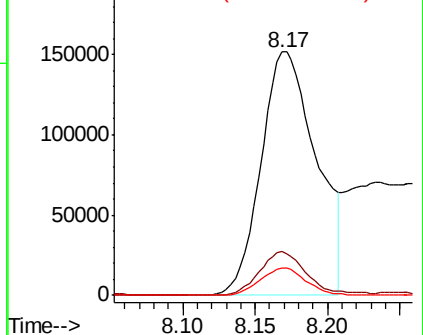
Isopropyl Acetate
 Concen: 33.096 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN051552.D
 Acq: 26 Sep 2018 22:26

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113219ZHE#09

Tot Ion	43	Resp	402897
Ion Ratio	100		
Lower	16.8		
Upper	25.2		
61	15.4		
87	9.4		



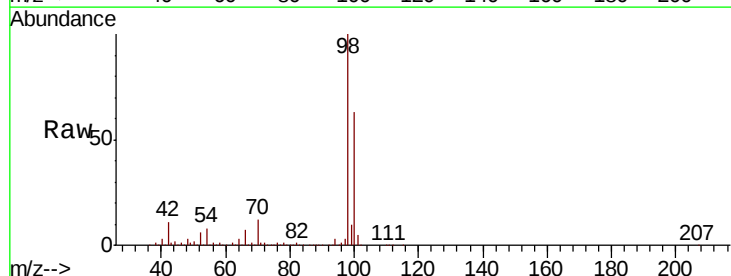
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



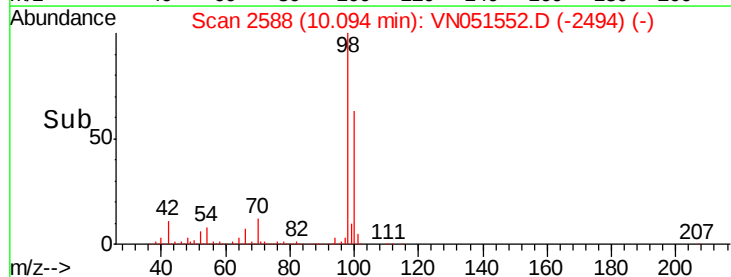
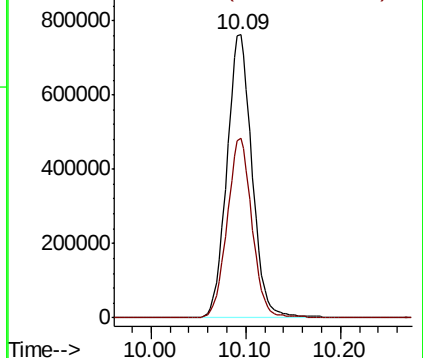
#50

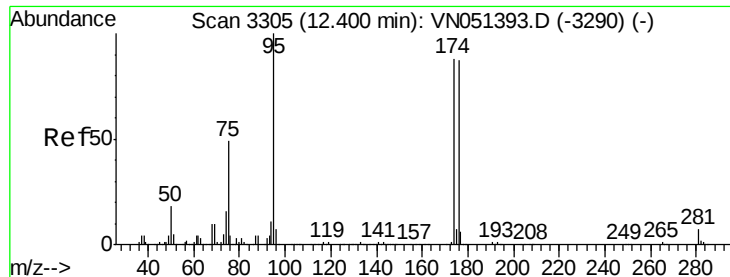
Toluene-d8
 Concen: 46.229 ug/l
 RT: 10.09 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN051552.D
 Acq: 26 Sep 2018 22:26

Tgt Ion	98	Resp	1407550
Ion Ratio	100		
Lower	50.6		
Upper	75.8		
100	62.9		



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 38.423 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051552.D

Acq: 26 Sep 2018 22:26

Instrument :

MSVOA_N

ClientSampleId :

PB113219ZHE#09

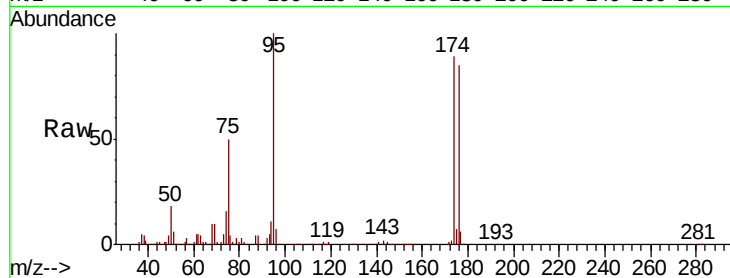
Tot Ion: 95 Resp: 378450

Ion Ratio Lower Upper

95 100

174 89.4 0.0 181.6

176 85.1 0.0 176.4

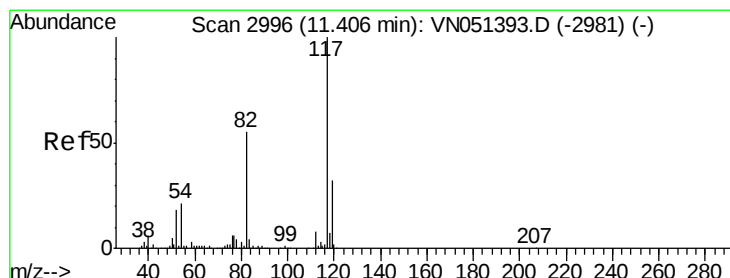
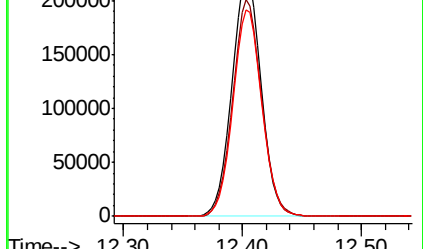
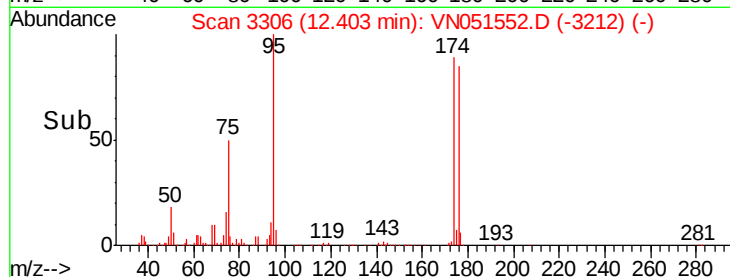


Abundance Ion 94.90 (94.60 to 95.60): VN051393.D (-3290) (-)

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: VN051552.D

Acq: 26 Sep 2018 22:26

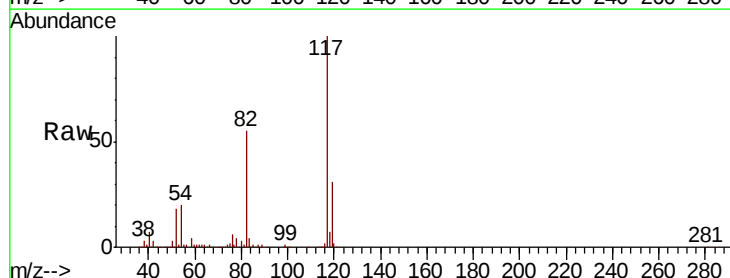
Tgt Ion: 117 Resp: 847131

Ion Ratio Lower Upper

117 100

82 55.0 44.2 66.2

119 31.0 25.9 38.9

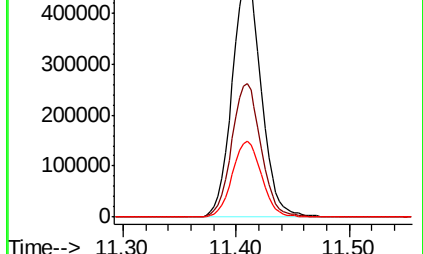
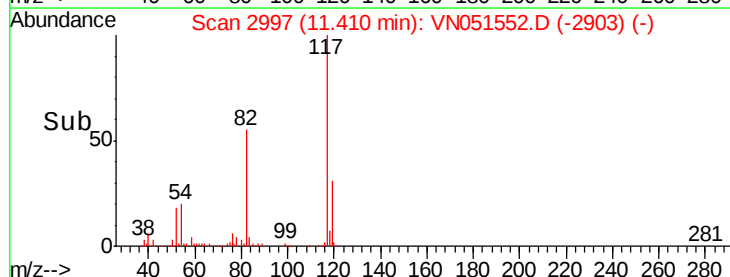


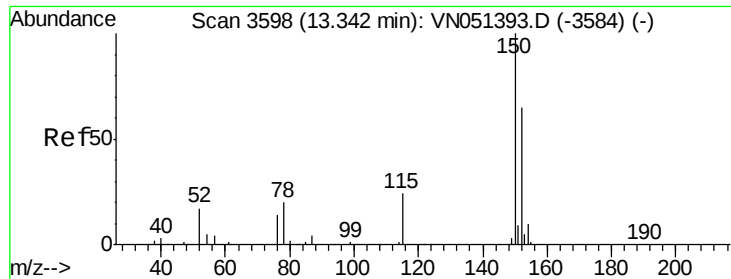
Abundance Ion 116.90 (116.60 to 117.60): VN051393.D (-2981) (-)

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: VN051552.D

Acq: 26 Sep 2018 22:26

Instrument :

MSVOA_N

ClientSampleId :

PB113219ZHE#09

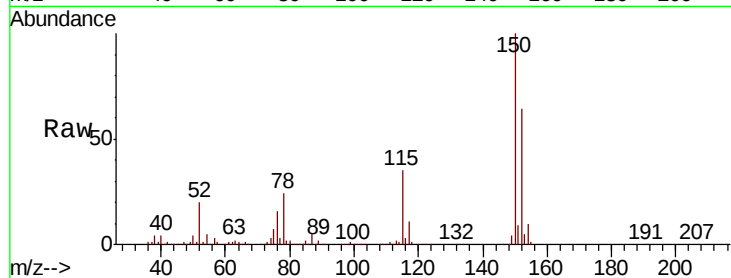
Tot Ion:152 Resp: 294852

Ion Ratio Lower Upper

152 100

115 56.0 28.3 84.9

150 158.5 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

