

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092718\
 Data File : VN051590.D
 Acq On : 27 Sep 2018 18:29
 Operator : MD\SY
 Sample : PB113263ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113263ZHE#02

Quant Time: Sep 28 02:05:14 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

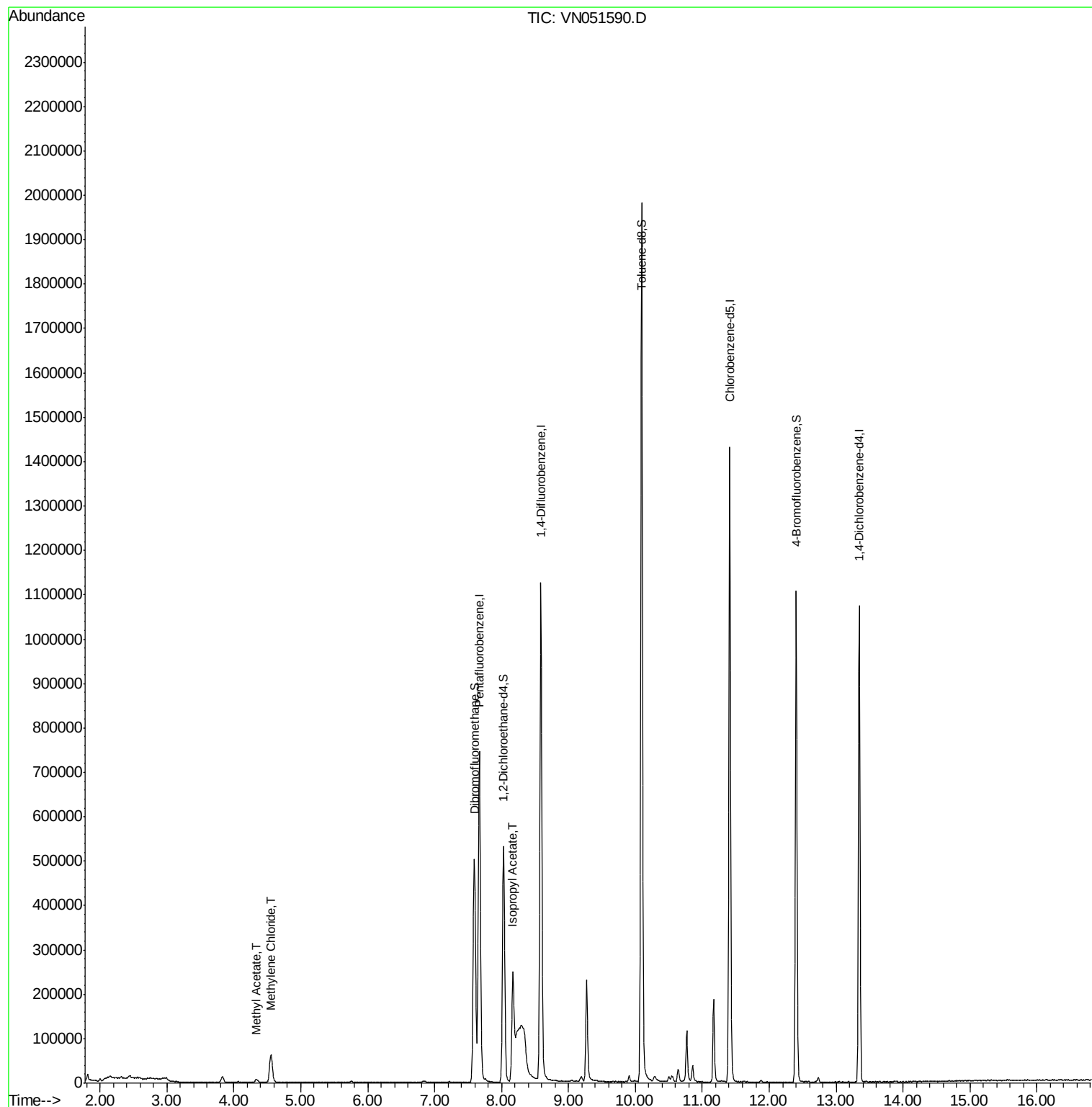
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	627167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1028692	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	868487	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	304043	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	457046	58.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.34%	
35) Dibromofluoromethane	7.59	113	388715	47.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.50%	
50) Toluene-d8	10.09	98	1433083	46.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.52%	
62) 4-Bromofluorobenzene	12.40	95	378965	37.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.64%	
Target Compounds						
18) Methyl Acetate	4.34	43	14161	2.367	ug/l	94
20) Methylene Chloride	4.56	84	45211	5.815	ug/l	94
43) Isopropyl Acetate	8.17	43	324161	26.173	ug/l	93

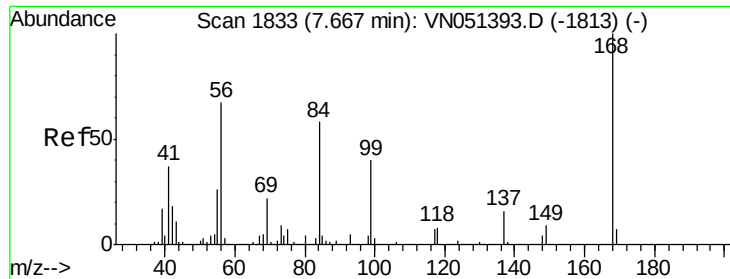
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051590.D

Acq: 27 Sep 2018 18:29

Instrument :

MSVOA_N

ClientSampleId :

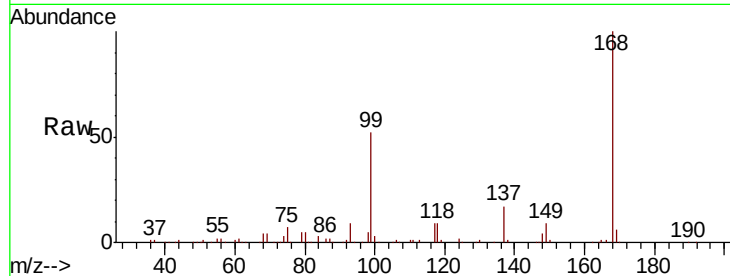
PB113263ZHE#02

Tot Ion:168 Resp: 627167

Ion Ratio Lower Upper

168 100

99 52.2 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

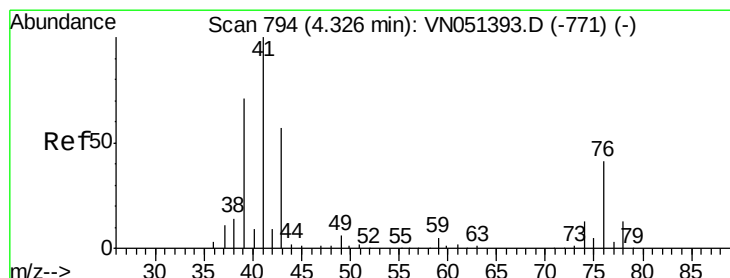
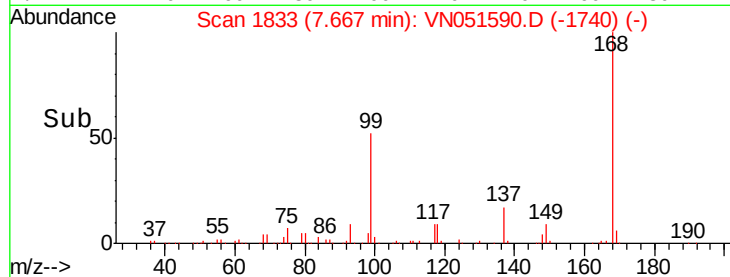
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 2.367 ug/l

RT: 4.34 min Scan# 798

Delta R.T. 0.01 min

Lab File: VN051590.D

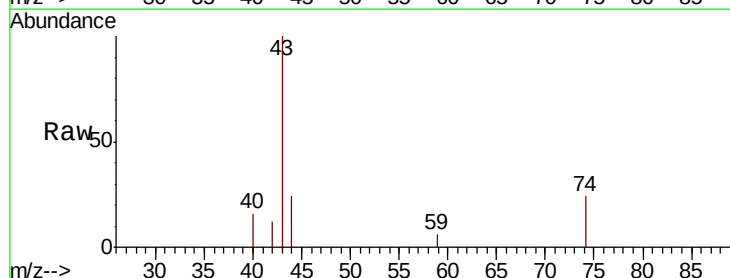
Acq: 27 Sep 2018 18:29

Tgt Ion: 43 Resp: 14161

Ion Ratio Lower Upper

43 100

74 20.5 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 74.00 (73.70 to 74.70): VN

4.34

5000

4000

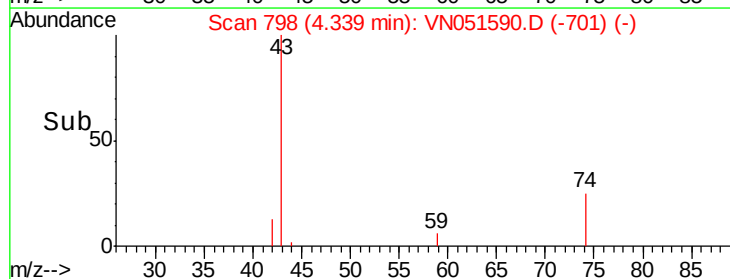
3000

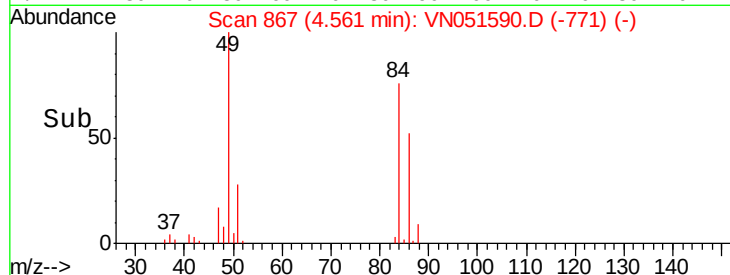
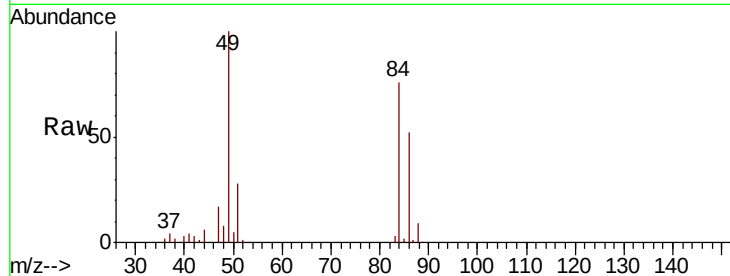
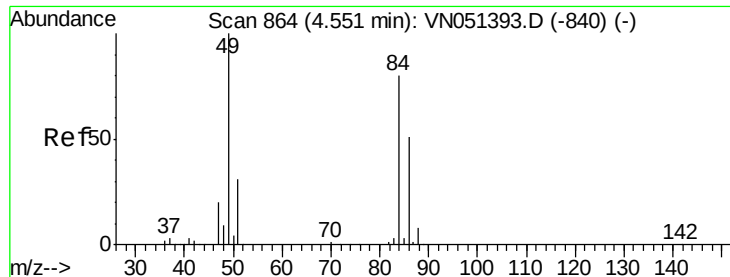
2000

1000

0

Time-->

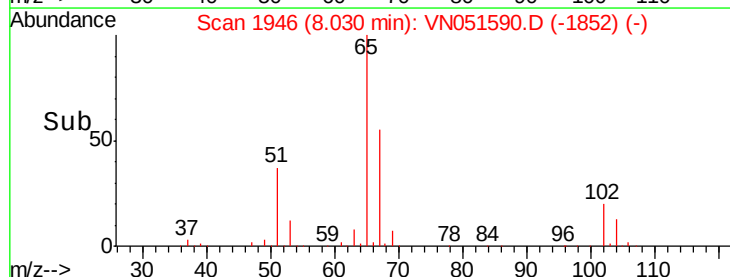
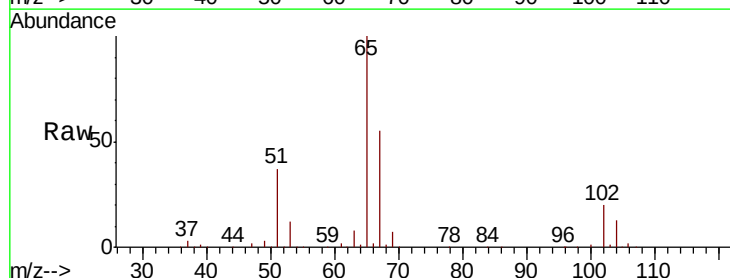
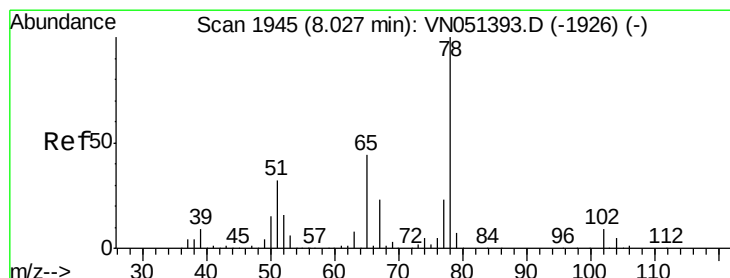
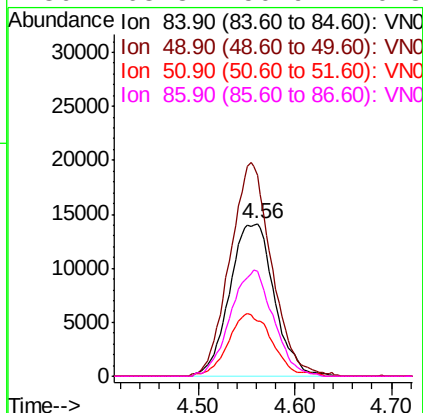




#20
Methylene Chloride
Concen: 5.815 ug/l
RT: 4.56 min Scan# 867
Delta R.T. 0.01 min
Lab File: VN051590.D
Acq: 27 Sep 2018 18:29

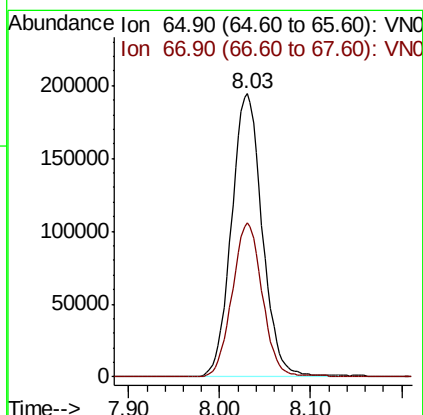
Instrument :
MSVOA_N
ClientSampleId :
PB113263ZHE#02

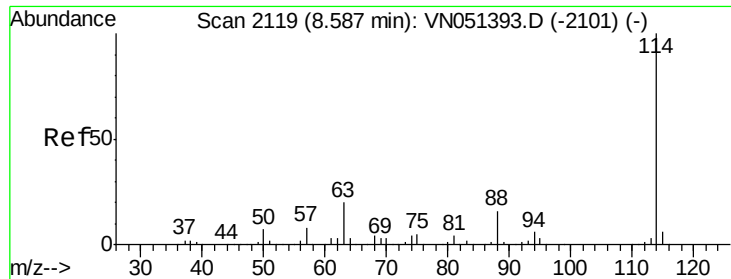
Tot Ion: 84 Resp: 45211
Ion Ratio Lower Upper
84 100
49 131.2 99.9 149.9
51 36.2 31.4 47.2
86 68.8 50.9 76.3



#33
1,2-Dichloroethane-d4
Concen: 58.175 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051590.D
Acq: 27 Sep 2018 18:29

Tgt Ion: 65 Resp: 457046
Ion Ratio Lower Upper
65 100
67 53.2 0.0 107.8

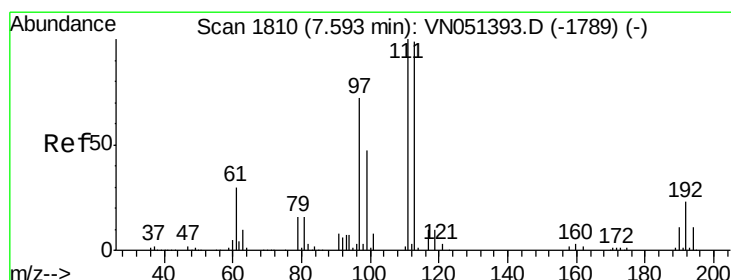
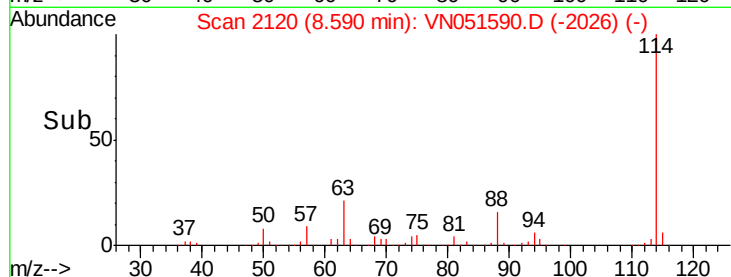
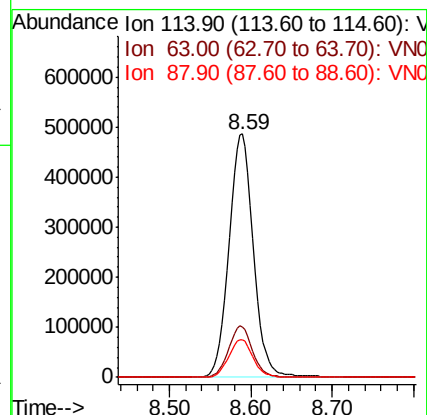
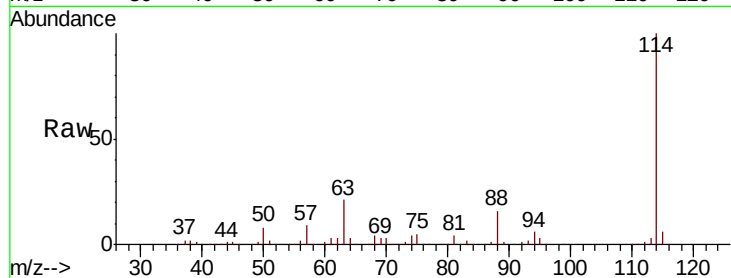




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: VN051590.D
 Acq: 27 Sep 2018 18:29

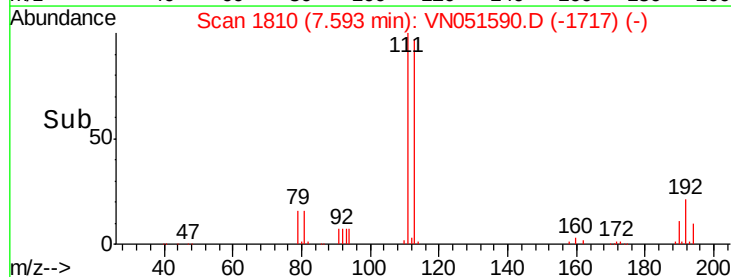
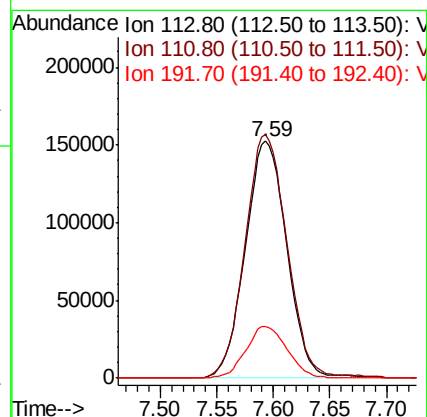
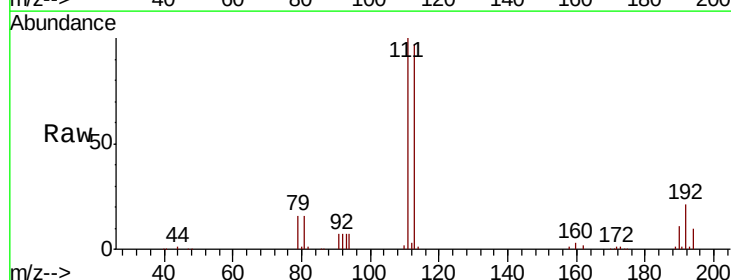
Instrument :
 MSVOA_N
 ClientSampleId :
 PB113263ZHE#02

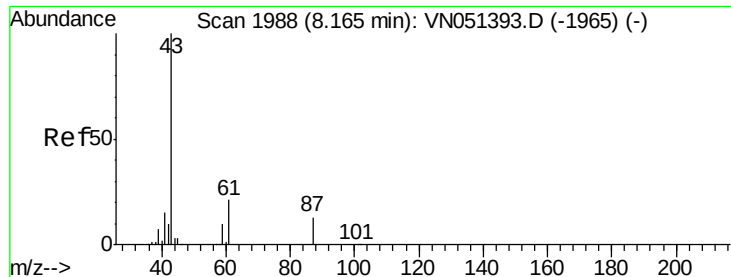
Tot Ion:114 Resp: 1028692
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 40.2
 88 15.7 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 47.255 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN051590.D
 Acq: 27 Sep 2018 18:29

Tgt Ion:113 Resp: 388715
 Ion Ratio Lower Upper
 113 100
 111 104.5 82.6 123.8
 192 21.9 18.0 27.0





#43

Isopropyl Acetate

Concen: 26.173 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051590.D

Acq: 27 Sep 2018 18:29

Instrument :

MSVOA_N

ClientSampleId :

PB113263ZHE#02

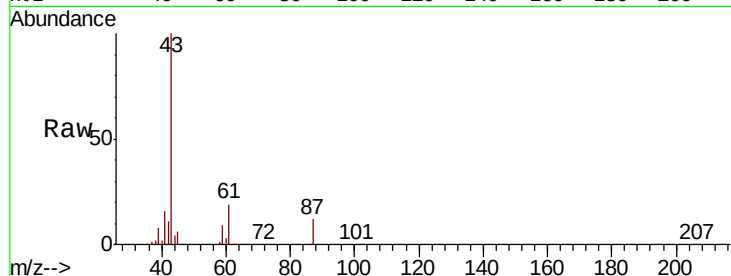
Tot Ion: 43 Resp: 324161

Ion Ratio Lower Upper

43 100

61 17.4 16.8 25.2

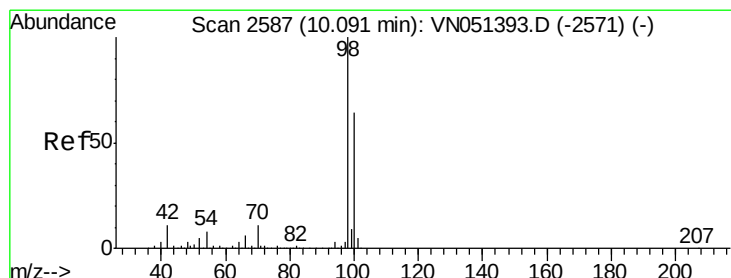
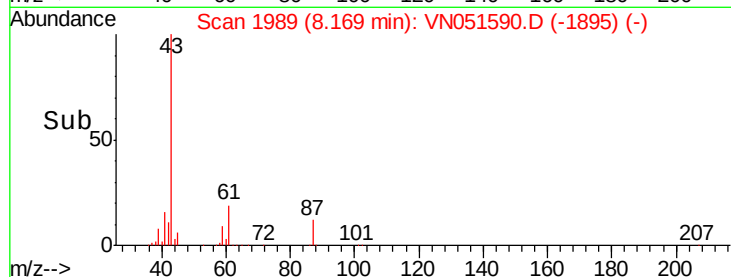
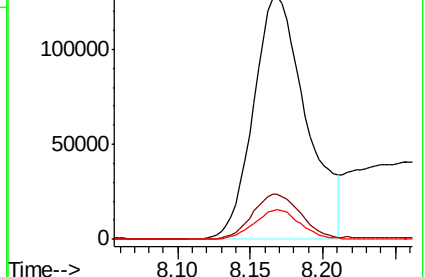
87 10.7 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VN051393.D (-1965) (-)

Ion 61.00 (60.70 to 61.70): VN051393.D (-1965) (-)

Ion 87.00 (86.70 to 87.70): VN051393.D (-1965) (-)



#50

Toluene-d8

Concen: 46.264 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051590.D

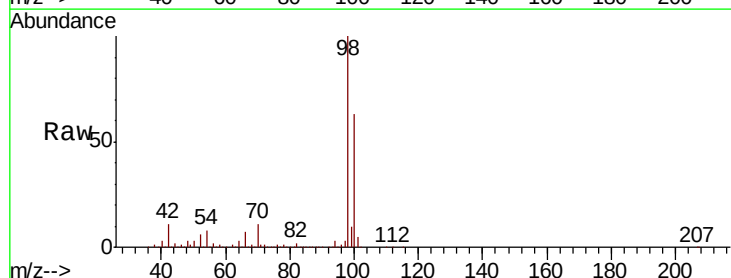
Acq: 27 Sep 2018 18:29

Tgt Ion: 98 Resp: 1433083

Ion Ratio Lower Upper

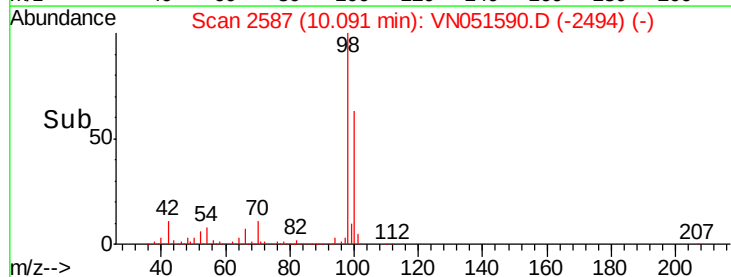
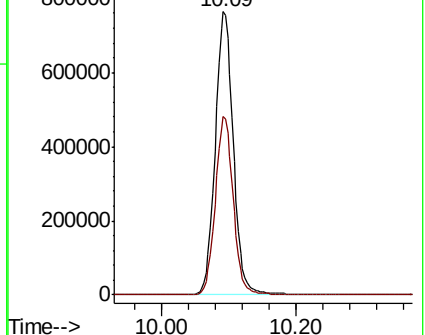
98 100

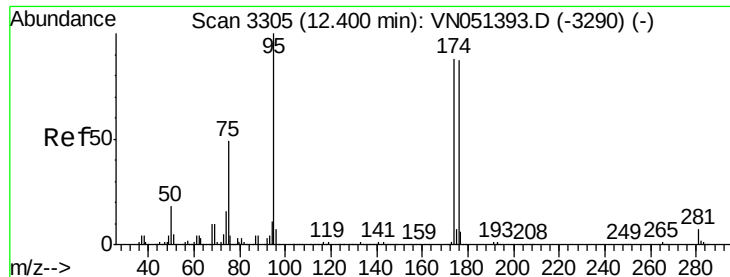
100 62.7 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN051393.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN051393.D (-2571) (-)

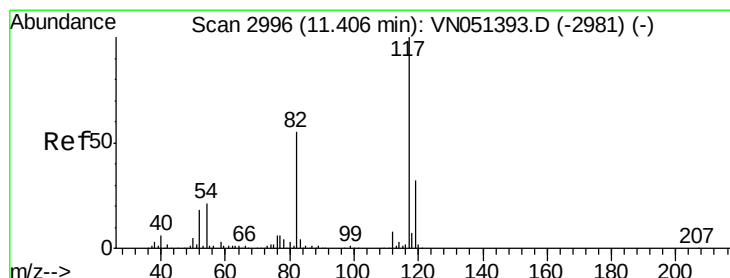
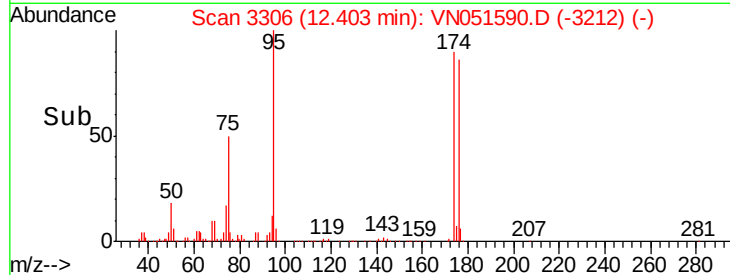
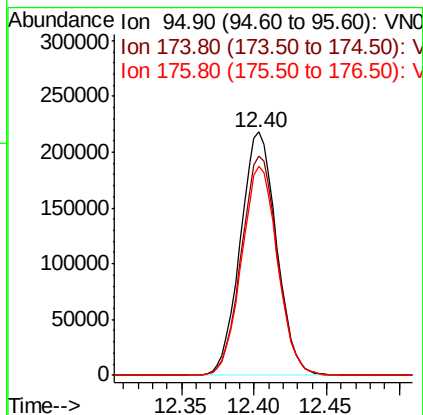
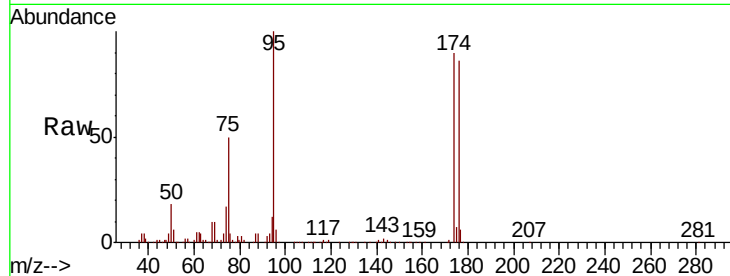




#62
4-Bromofluorobenzene
Concen: 37.818 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051590.D
Acq: 27 Sep 2018 18:29

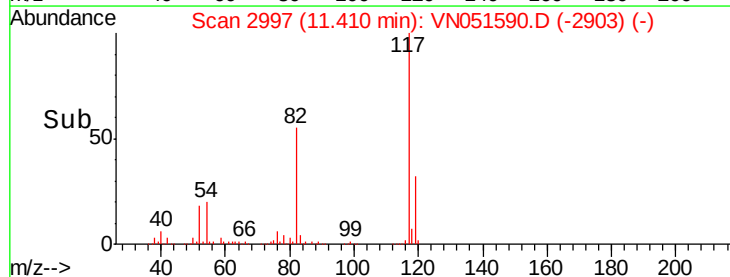
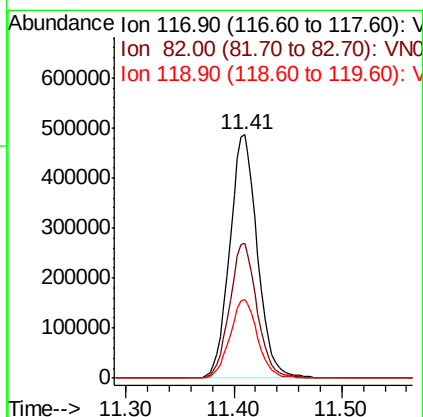
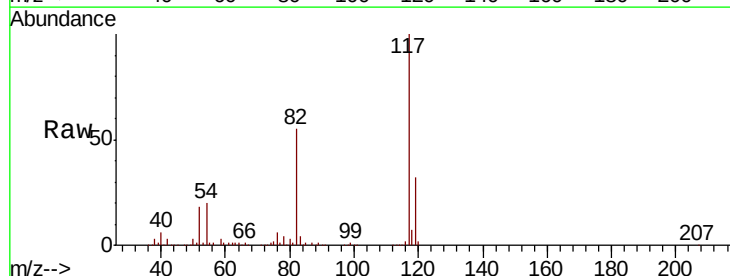
Instrument :
MSVOA_N
ClientSampleId :
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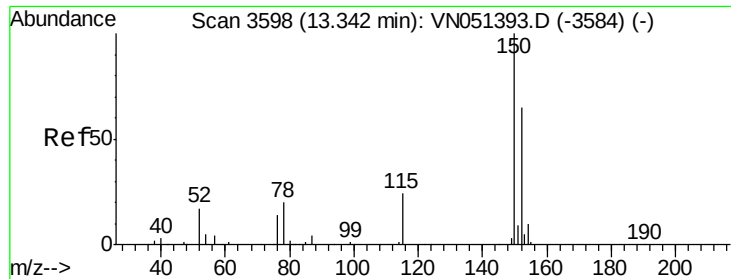
Tot Ion	95	Resp	378965
Ion Ratio	Lower	Upper	
95	100		
174	90.3	0.0	181.6
176	85.7	0.0	176.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051590.D
Acq: 27 Sep 2018 18:29

Tgt Ion	117	Resp	868487
Ion Ratio	Lower	Upper	
117	100		
82	55.3	44.2	66.2
119	32.2	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051590.D

Acq: 27 Sep 2018 18:29

Instrument :

MSVOA_N

ClientSampleId :

PB113263ZHE#02

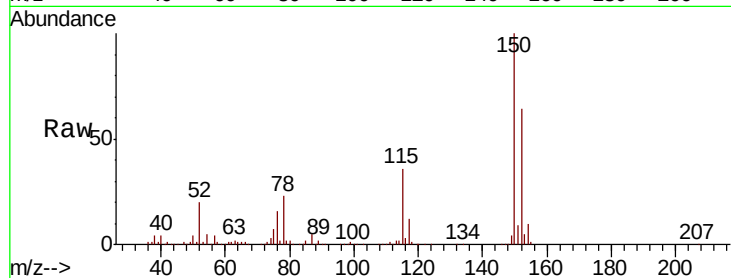
Tot Ion:152 Resp: 304043

Ion Ratio Lower Upper

152 100

115 56.4 28.3 84.9

150 156.4 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

