

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092618\
 Data File : VN051508.D
 Acq On : 26 Sep 2018 1:43
 Operator : MD\SY
 Sample : PB113167ZHE#02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113167ZHE#02

Quant Time: Sep 26 05:35:58 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

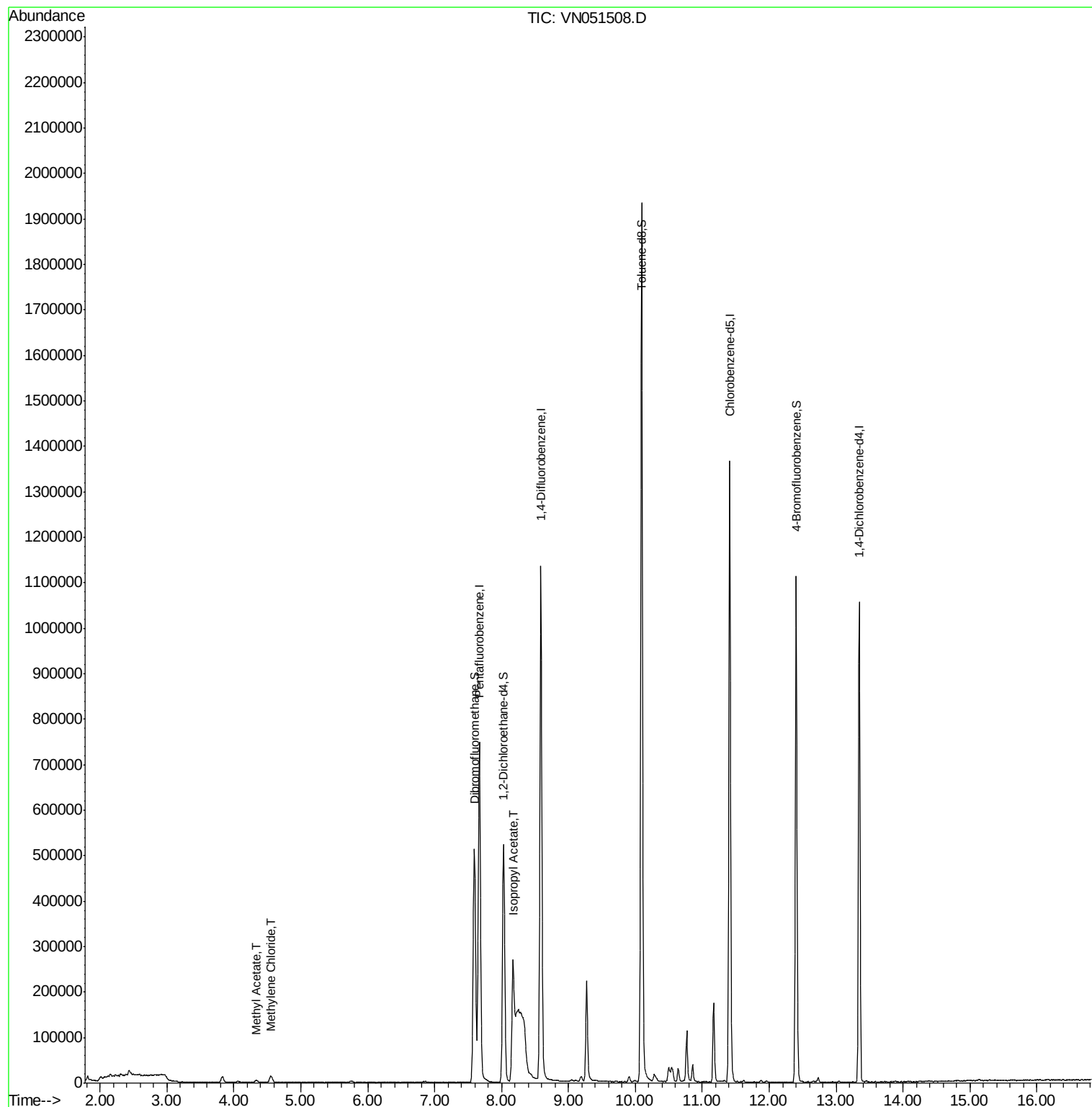
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	637872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1040372	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	850435	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	299179	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	452056	56.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.14%	
35) Dibromofluoromethane	7.59	113	395803	47.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.16%	
50) Toluene-d8	10.09	98	1421784	45.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.76%	
62) 4-Bromofluorobenzene	12.40	95	378133	37.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.62%	
Target Compounds						
18) Methyl Acetate	4.33	43	11306	1.858	ug/l #	87
20) Methylene Chloride	4.55	84	11384	1.440	ug/l	90
43) Isopropyl Acetate	8.17	43	343432	27.418	ug/l #	91

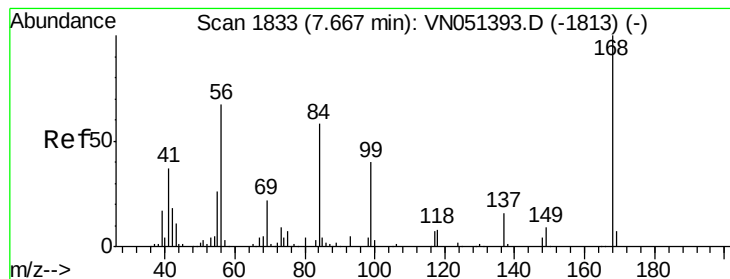
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051508.D

Acq: 26 Sep 2018 1:43

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ClientSampleId :

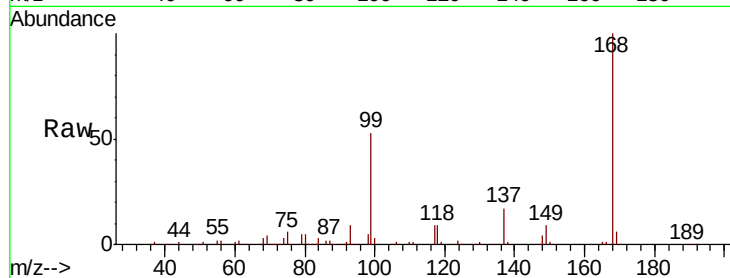
PB113167ZHE#02

Tgt Ion:168 Resp: 637872

Ion Ratio Lower Upper

168 100

99 52.7 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN051508.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN051508.D (-1740) (-)

7.67

250000

200000

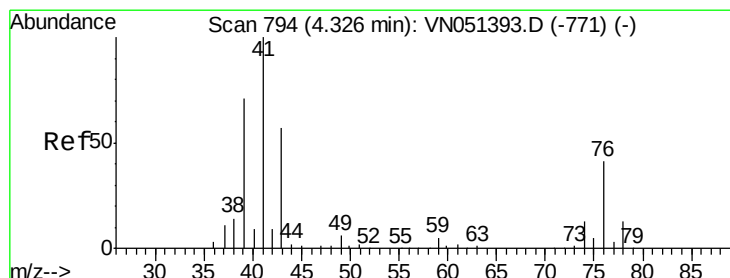
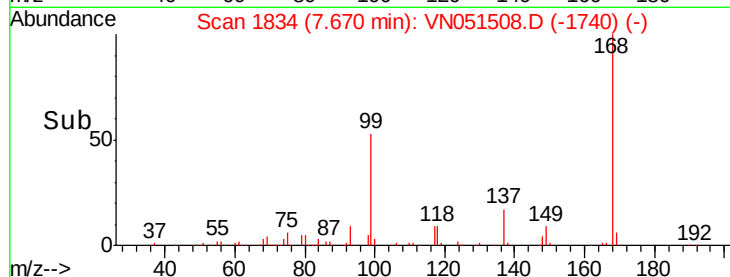
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 1.858 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN051508.D

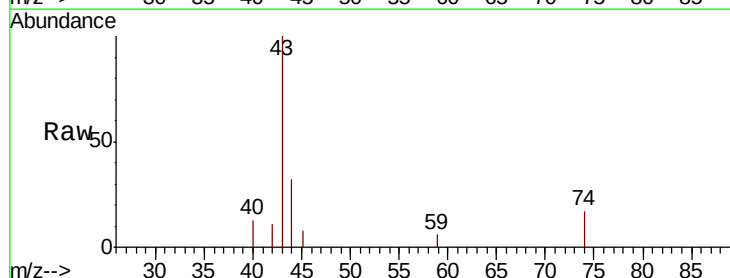
Acq: 26 Sep 2018 1:43

Tgt Ion: 43 Resp: 11306

Ion Ratio Lower Upper

43 100

74 17.1 18.8 28.2#



Abundance Ion 43.00 (42.70 to 43.70): VN051508.D (-701) (-)

Ion 74.00 (73.70 to 74.70): VN051508.D (-701) (-)

4.33

4000

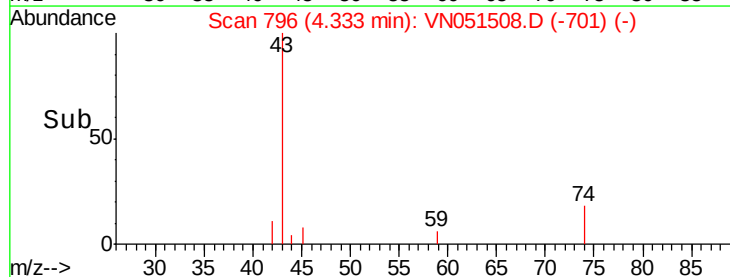
3000

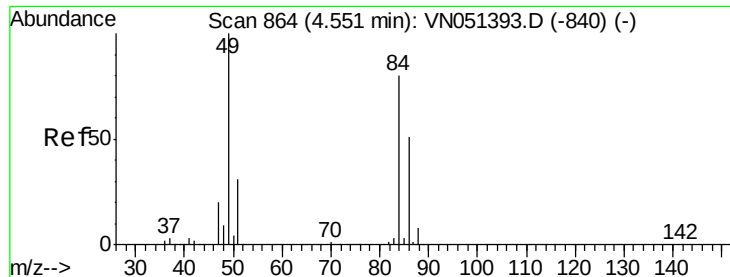
2000

1000

0

Time-->

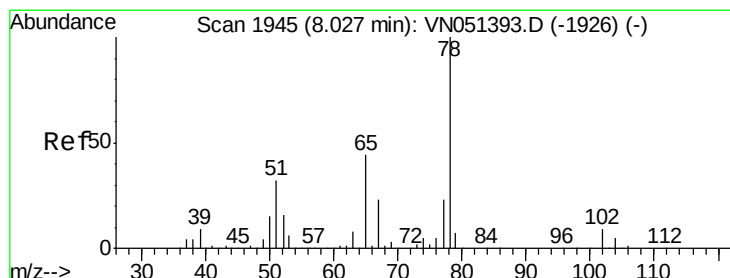
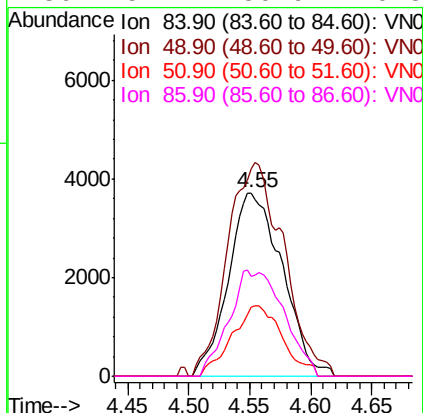
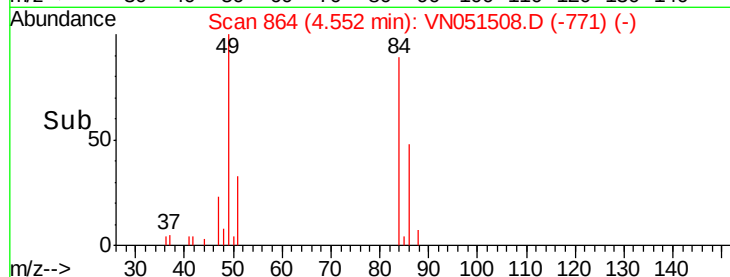
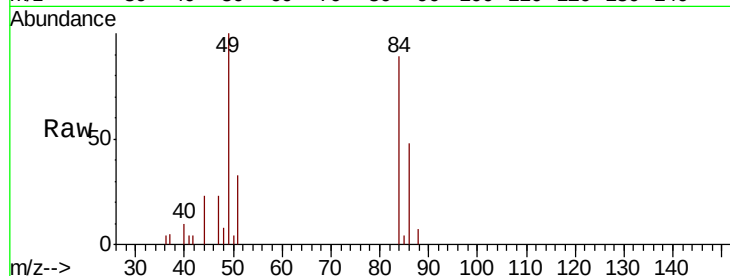




#20
Methylene Chloride
Concen: 1.440 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN051508.D
Acq: 26 Sep 2018 1:43

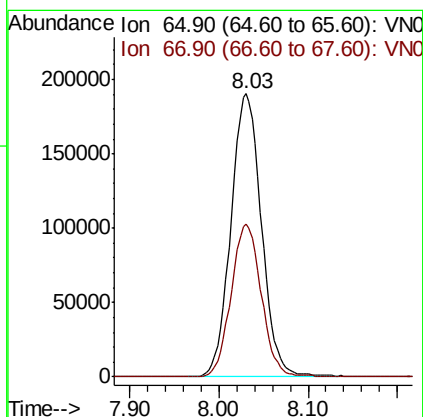
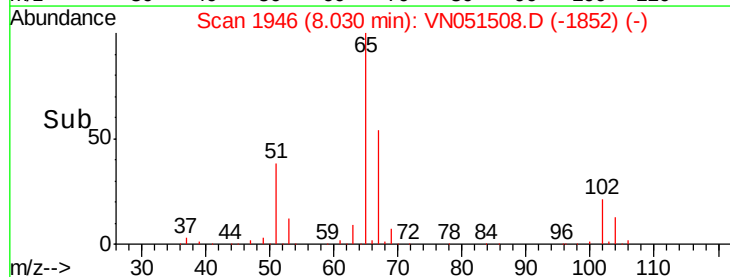
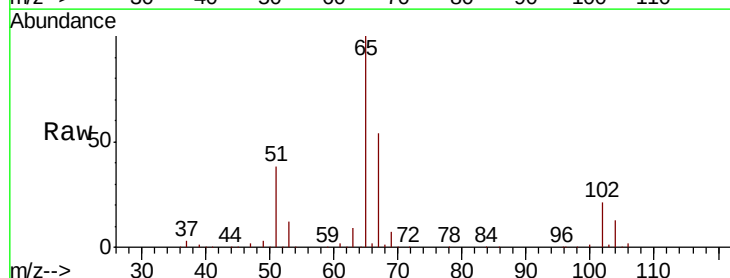
Instrument :
MSVOA_N
ClientSampleId :
PB113167ZHE#02

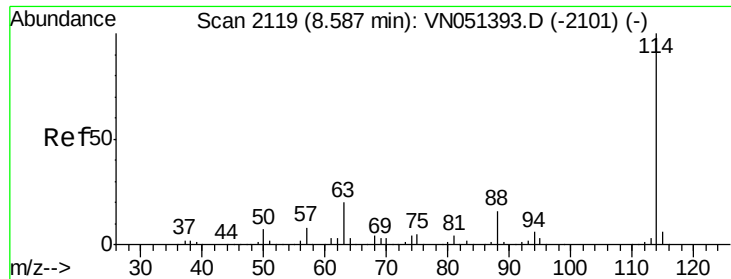
Tgt Ion: 84 Resp: 11384
Ion Ratio Lower Upper
84 100
49 112.8 99.9 149.9
51 37.5 31.4 47.2
86 54.2 50.9 76.3



#33
1,2-Dichloroethane-d4
Concen: 56.574 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051508.D
Acq: 26 Sep 2018 1:43

Tgt Ion: 65 Resp: 452056
Ion Ratio Lower Upper
65 100
67 53.0 0.0 107.8

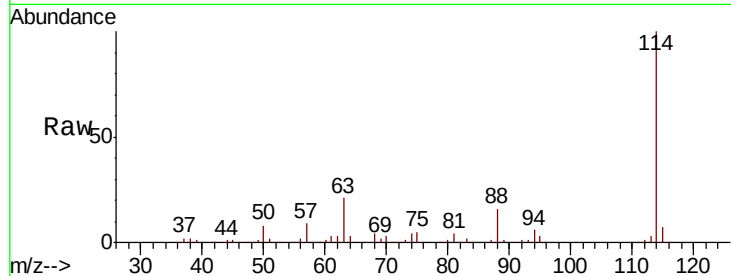




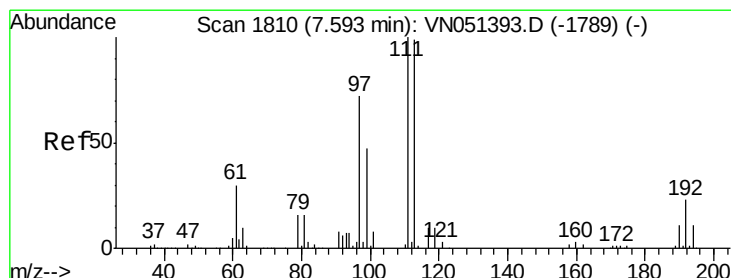
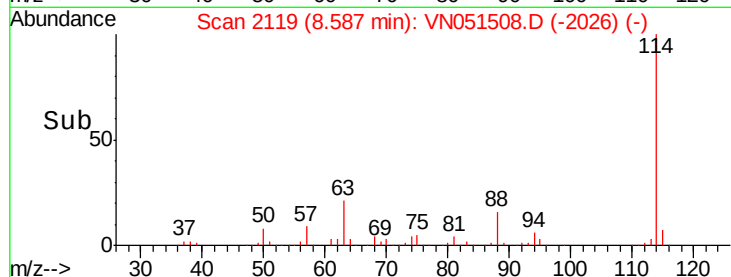
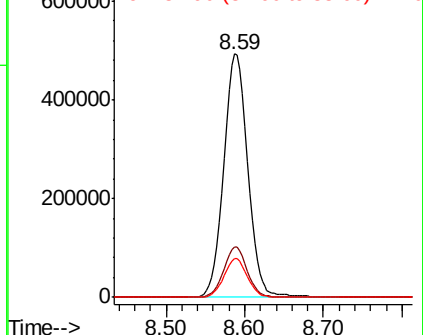
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051508.D
 Acq: 26 Sep 2018 1:43

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113167ZHE#02

Tgt Ion:114 Resp: 1040372
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.2
 88 15.7 0.0 31.4

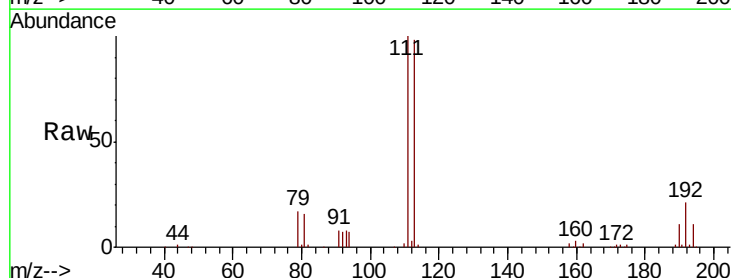


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

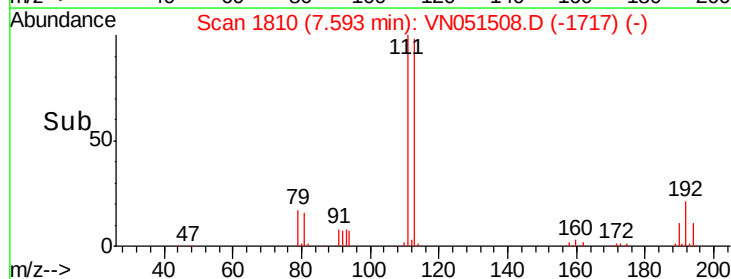
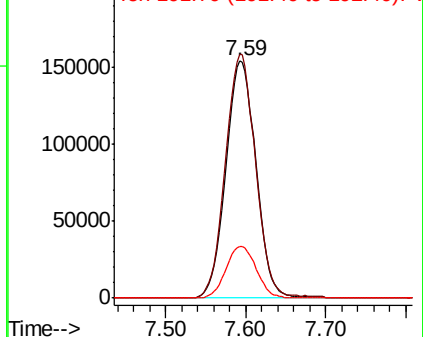


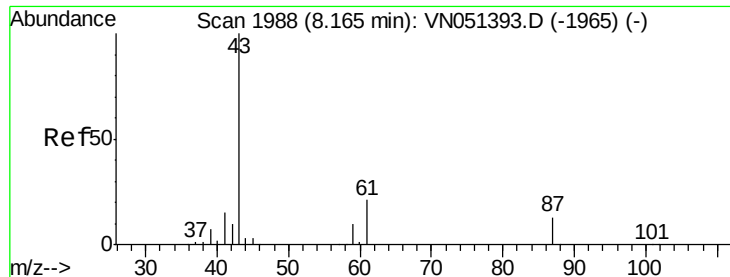
#35
 Dibromofluoromethane
 Concen: 47.576 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051508.D
 Acq: 26 Sep 2018 1:43

Tgt Ion:113 Resp: 395803
 Ion Ratio Lower Upper
 113 100
 111 102.3 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: 27.418 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051508.D

Acq: 26 Sep 2018 1:43

Instrument :

MSVOA_N

ClientSampleId :

PB113167ZHE#02

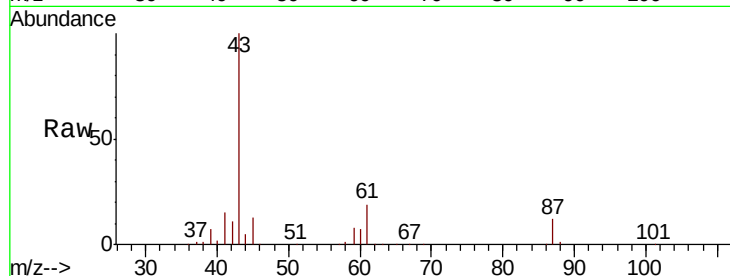
Tgt Ion: 43 Resp: 343432

Ion Ratio Lower Upper

43 100

61 16.5 16.8 25.2#

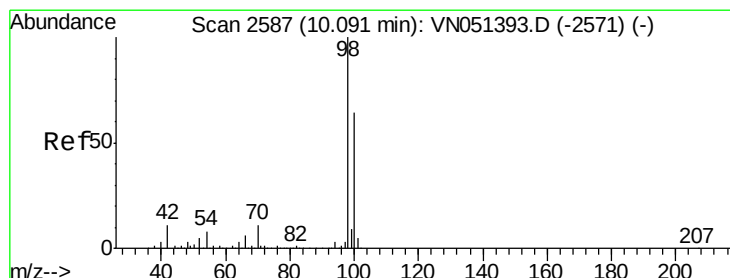
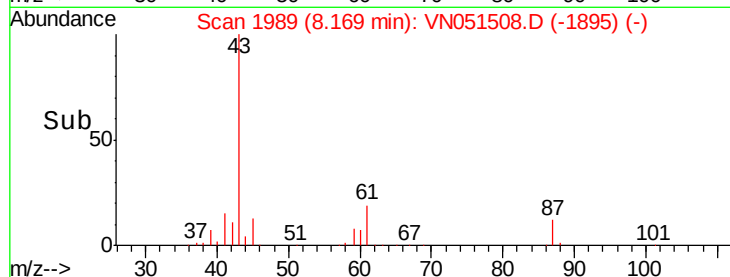
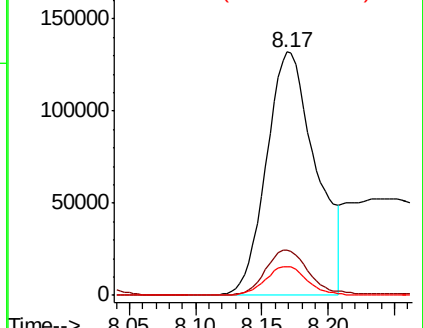
87 10.1 10.7 16.1#



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: 45.384 ug/l

RT: 10.09 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN051508.D

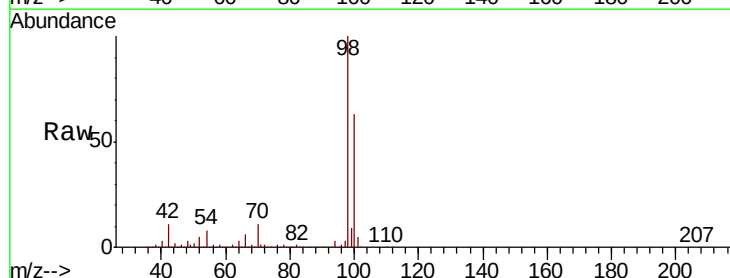
Acq: 26 Sep 2018 1:43

Tgt Ion: 98 Resp: 1421784

Ion Ratio Lower Upper

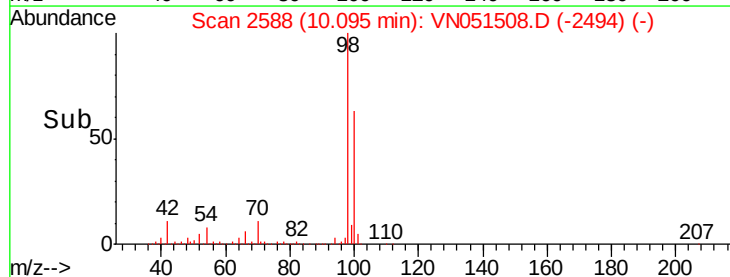
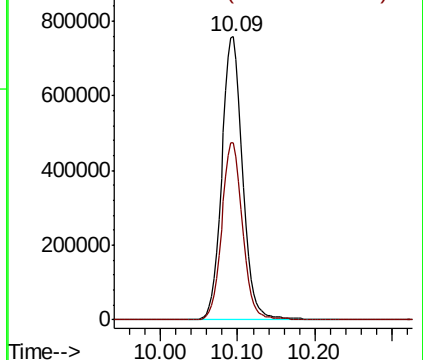
98 100

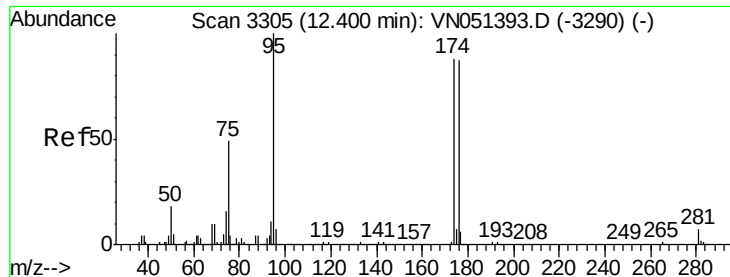
100 62.5 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

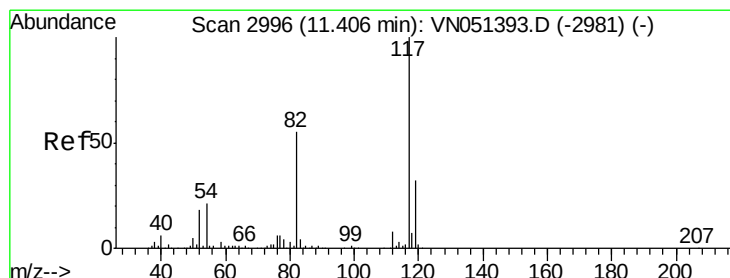
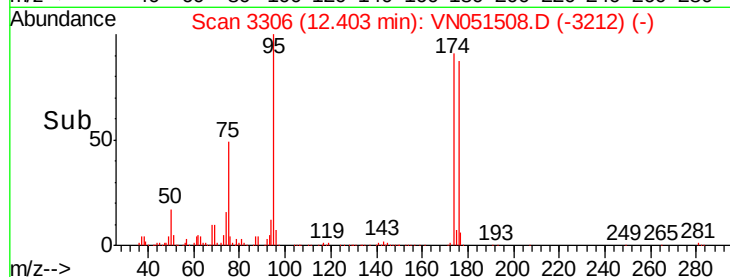
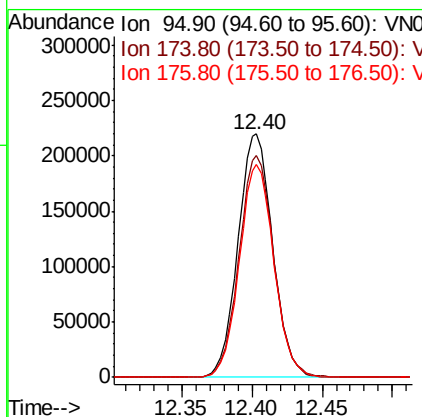
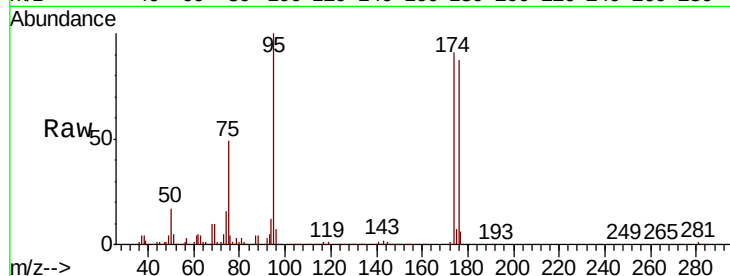




#62
4-Bromofluorobenzene
Concen: 37.311 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051508.D
Acq: 26 Sep 2018 1:43

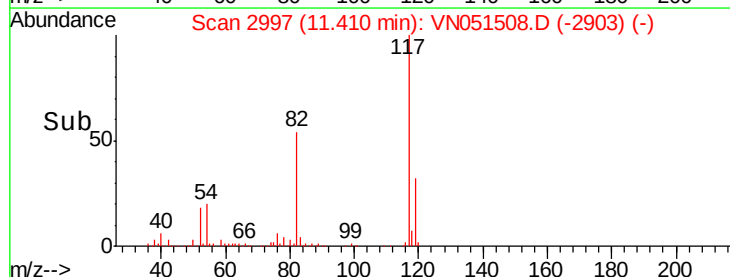
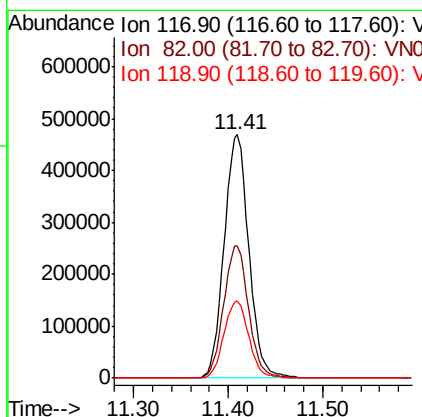
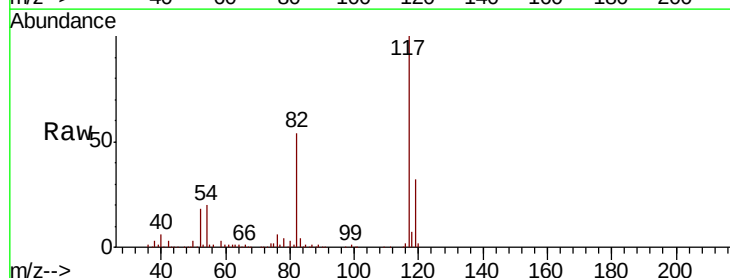
Instrument :
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ClientSampleId :
PB113167ZHE#02

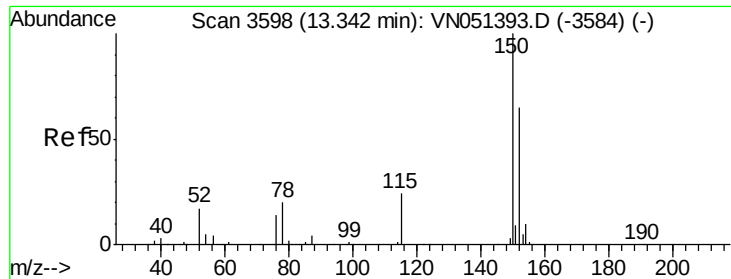
Tgt Ion: 95 Resp: 378133
Ion Ratio Lower Upper
95 100
174 91.2 0.0 181.6
176 87.1 0.0 176.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051508.D
Acq: 26 Sep 2018 1:43

Tgt Ion: 117 Resp: 850435
Ion Ratio Lower Upper
117 100
82 54.4 44.2 66.2
119 31.6 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: VN051508.D
 Acq: 26 Sep 2018 1:43

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113167ZHE#02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.8	28.3	84.9
150	157.1	0.0	353.6

