

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100918\
 Data File : VN051766.D
 Acq On : 9 Oct 2018 22:40
 Operator : MD\SY
 Sample : PB113645ZHE#06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113645ZHE#06

Quant Time: Oct 10 04:45:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 06:03:49 2018
 Response via : Initial Calibration

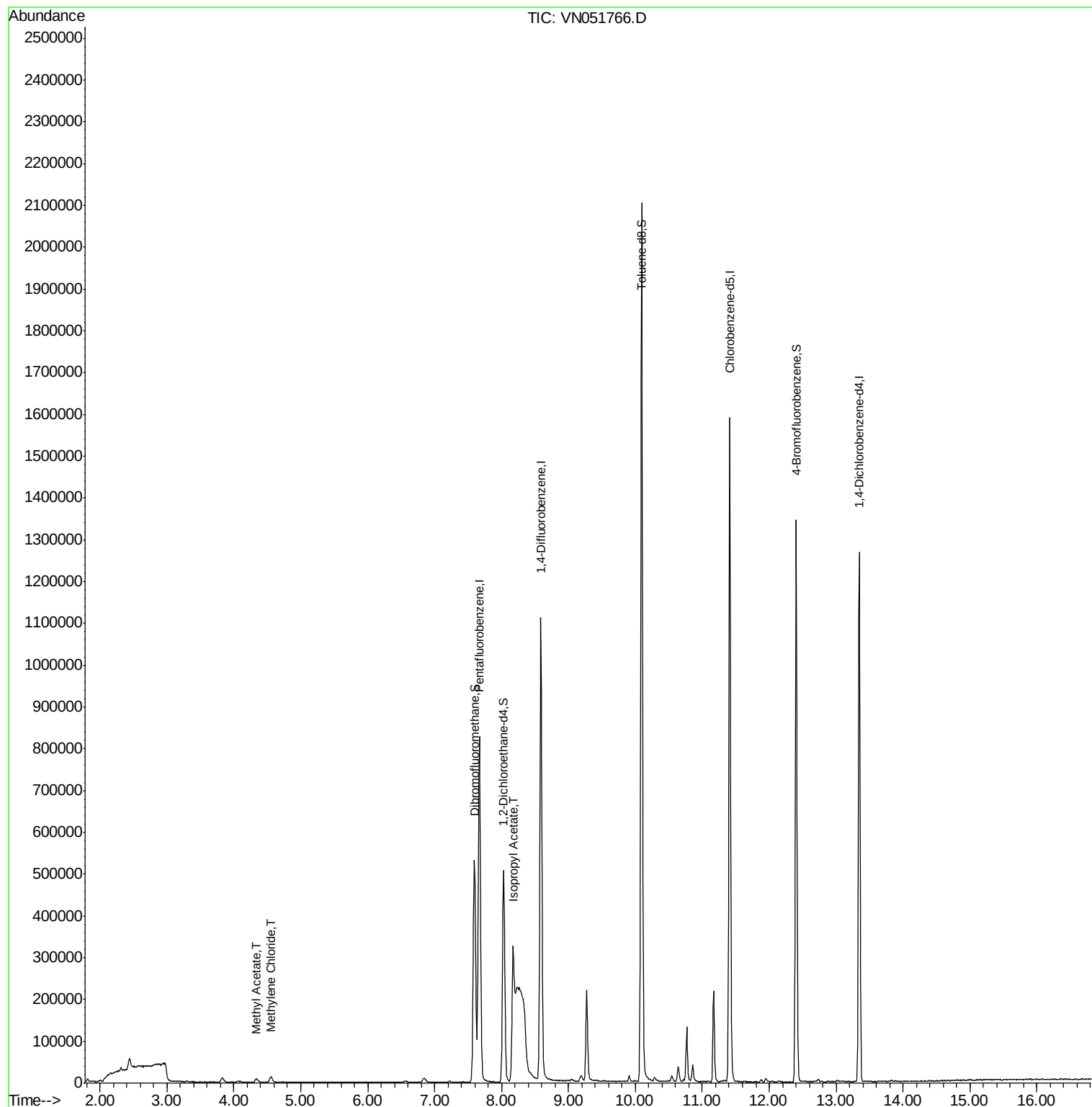
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	729959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1058977	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	948806	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	353865	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	433394	44.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.88%	
35) Dibromofluoromethane	7.60	113	396123	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.76%	
50) Toluene-d8	10.09	98	1515841	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
62) 4-Bromofluorobenzene	12.40	95	432416	39.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.98%	
Target Compounds						
18) Methyl Acetate	4.34	43	16897	3.175	ug/l	96
20) Methylene Chloride	4.55	84	9202	1.160	ug/l	96
43) Isopropyl Acetate	8.17	43	438779	36.455	ug/l #	87

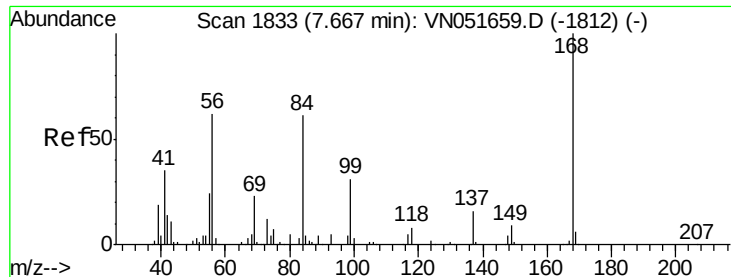
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051766.D

Acq: 9 Oct 2018 22:40

Instrument :

MSVOA_N

ClientSampleId :

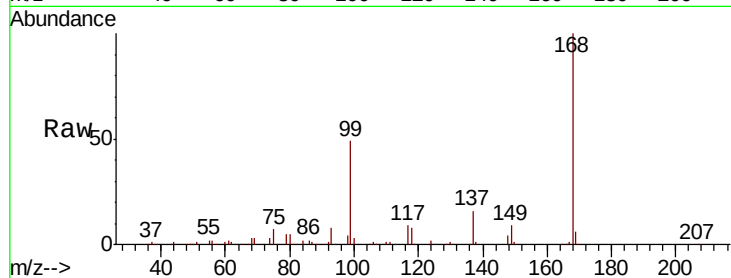
PB113645ZHE#06

Tot Ion:168 Resp: 729959

Ion Ratio Lower Upper

168 100

99 48.8 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): VN051766.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN051766.D (-1740) (-)

7.67

300000

200000

100000

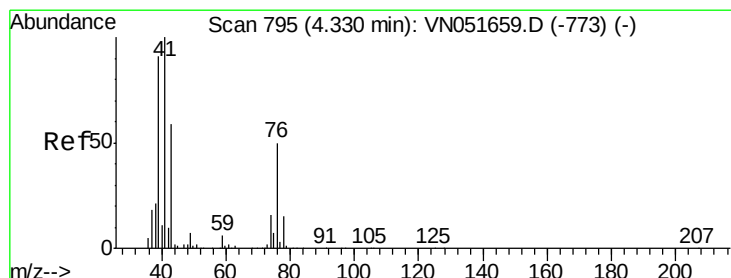
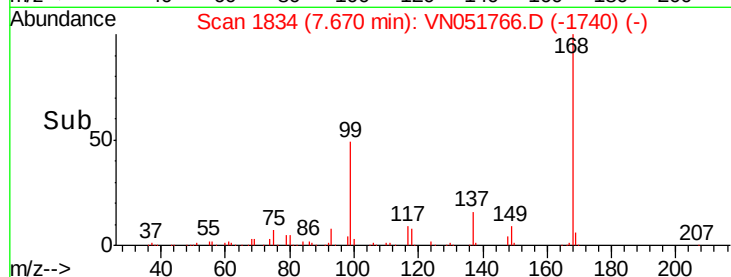
0

Time-->

7.60

7.70

7.80



#18

Methyl Acetate

Concen: 3.175 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN051766.D

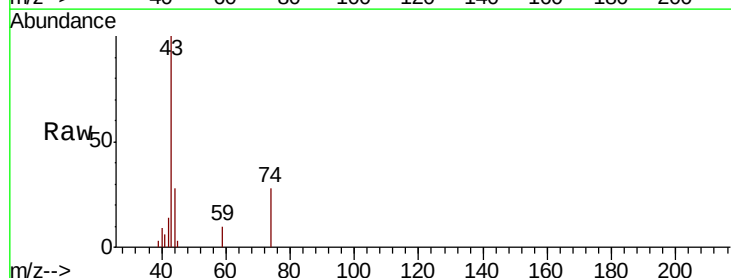
Acq: 9 Oct 2018 22:40

Tgt Ion: 43 Resp: 16897

Ion Ratio Lower Upper

43 100

74 24.9 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VN051766.D (-702) (-)

Ion 74.00 (73.70 to 74.70): VN051766.D (-702) (-)

4.34

6000

5000

4000

3000

2000

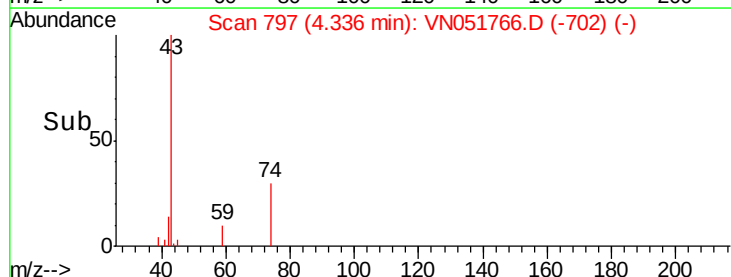
1000

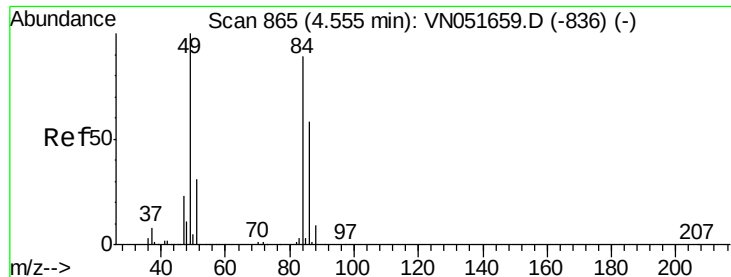
0

Time-->

4.30

4.40



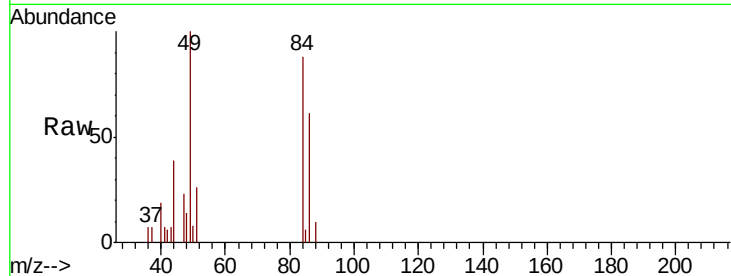


#20
Methylene Chloride
Concen: 1.160 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN051766.D
Acq: 9 Oct 2018 22:40

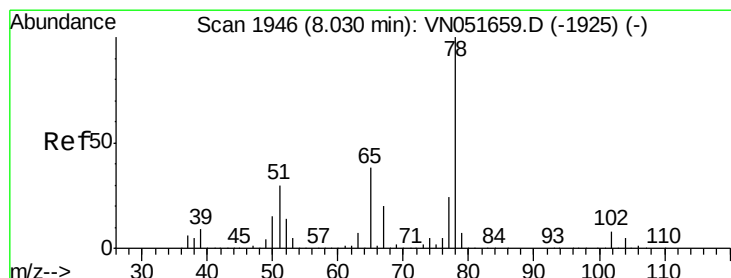
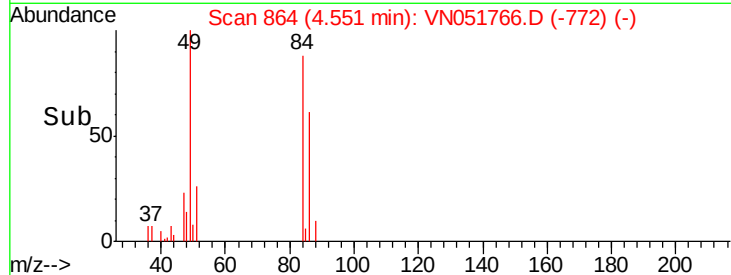
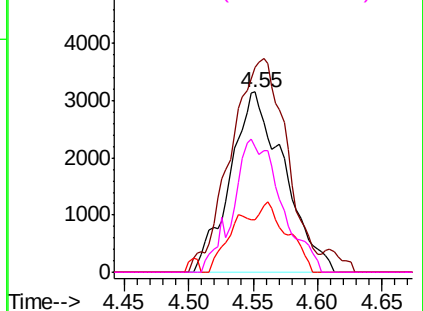
Instrument :
MSVOA_N
ClientSampleId :
PB113645ZHE#06

Tot Ion: 84 Resp: 9202

Ion	Ratio	Lower	Upper
84	100		
49	114.2	89.5	134.3
51	29.5	27.4	41.0
86	69.7	51.9	77.9



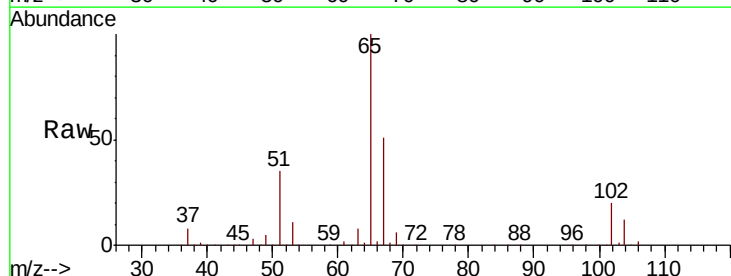
Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0



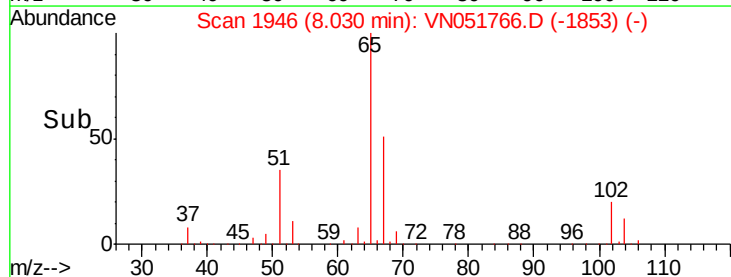
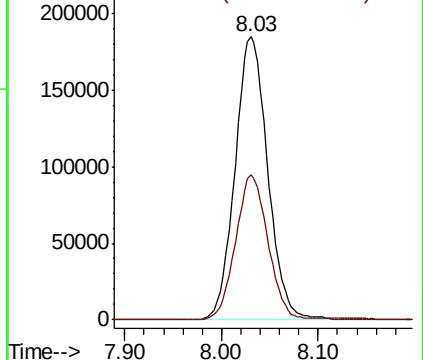
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051766.D
Acq: 9 Oct 2018 22:40

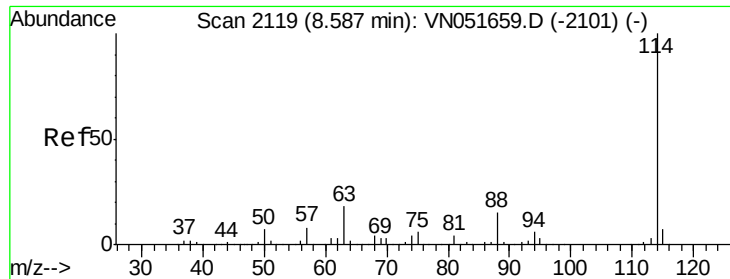
Tgt Ion: 65 Resp: 433394

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	103.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

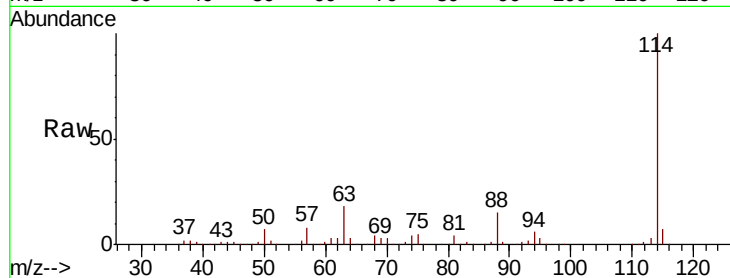




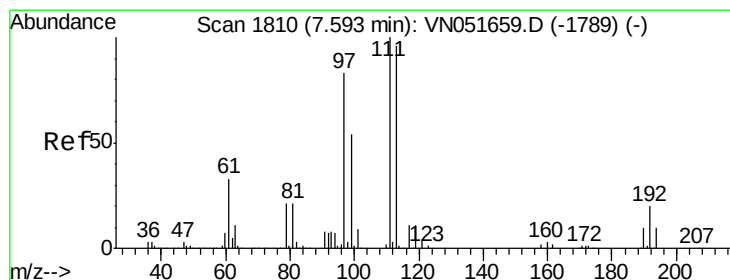
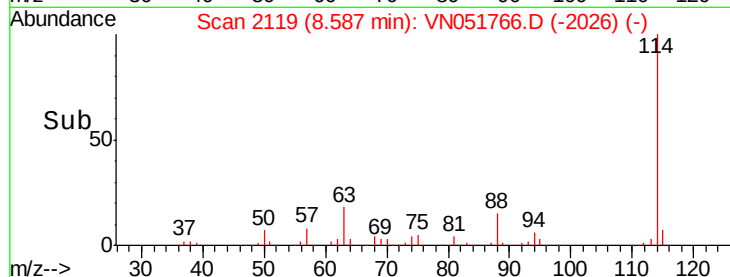
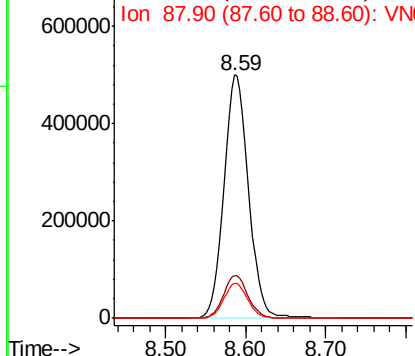
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN051766.D
Acq: 9 Oct 2018 22:40

Instrument :
MSVOA_N
ClientSampleId :
PB113645ZHE#06

Tot Ion:114 Resp: 1058977
Ion Ratio Lower Upper
114 100
63 17.7 0.0 36.2
88 14.5 0.0 30.2

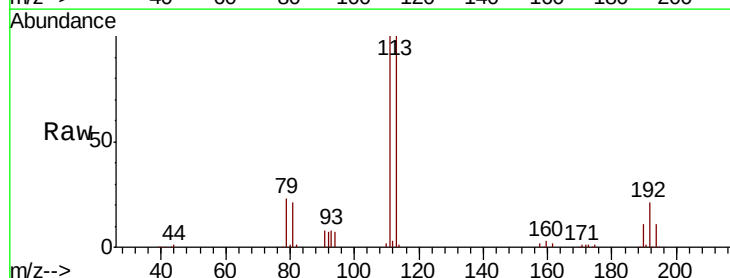


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

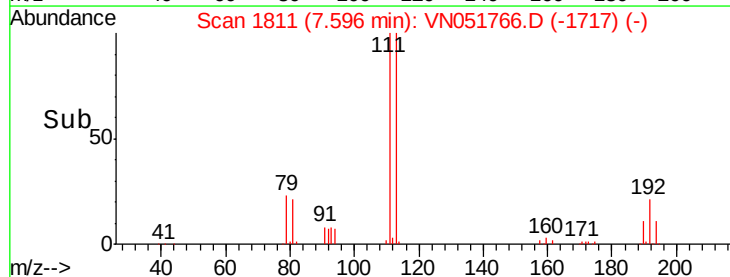
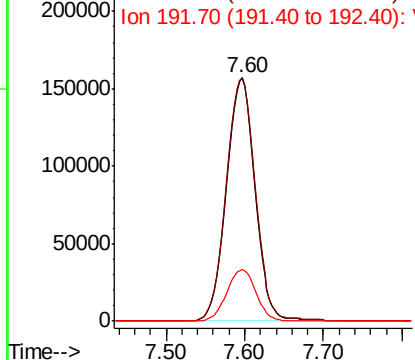


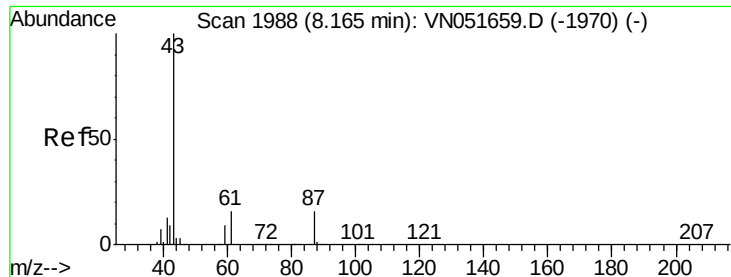
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.60 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VN051766.D
Acq: 9 Oct 2018 22:40

Tgt Ion:113 Resp: 396123
Ion Ratio Lower Upper
113 100
111 101.3 81.8 122.8
192 21.5 16.5 24.7



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: 36.455 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN051766.D

Acq: 9 Oct 2018 22:40

Instrument :

MSVOA_N

ClientSampleId :

PB113645ZHE#06

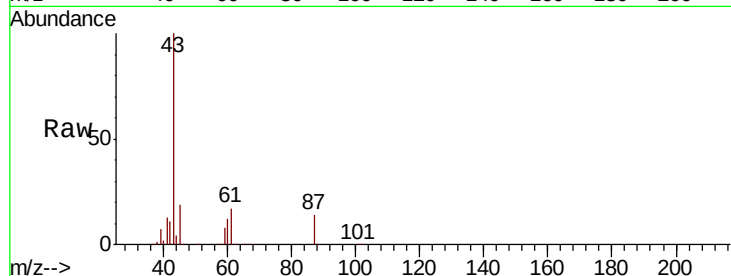
Tot Ion: 43 Resp: 438779

Ion Ratio Lower Upper

43 100

61 13.8 15.8 23.6#

87 10.4 12.6 19.0#



Abundance Ion 43.00 (42.70 to 43.70): VN051659.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN051659.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN051659.D (-1970) (-)

8.17

150000

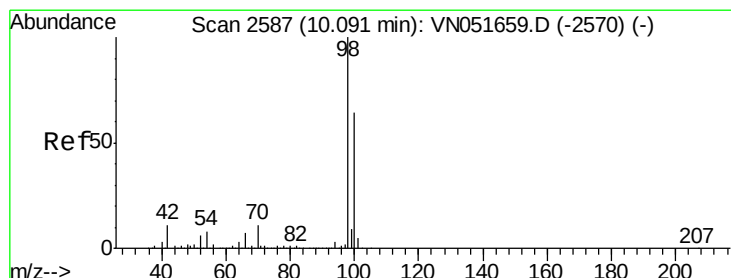
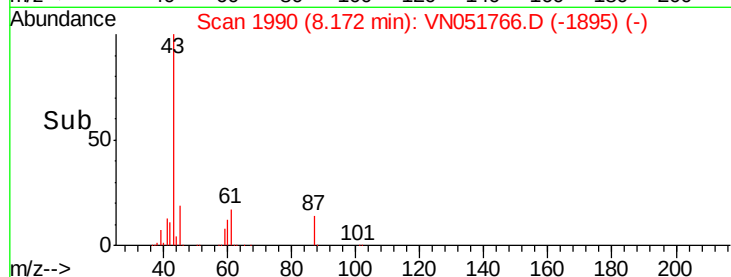
100000

50000

0

8.10 8.15 8.20 8.25

Time-->



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051766.D

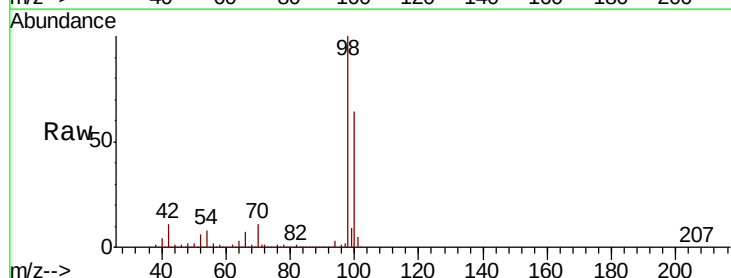
Acq: 9 Oct 2018 22:40

Tgt Ion: 98 Resp: 1515841

Ion Ratio Lower Upper

98 100

100 63.6 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN051659.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN051659.D (-2570) (-)

10.09

800000

600000

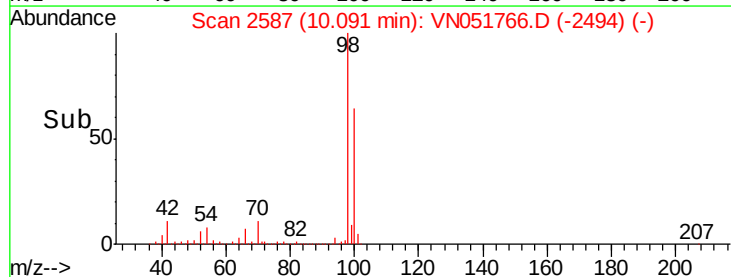
400000

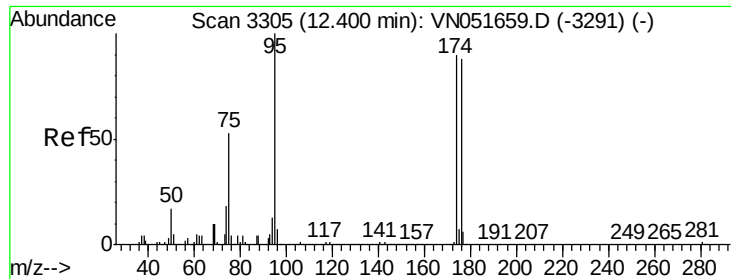
200000

0

10.00 10.10 10.20 10.30

Time-->

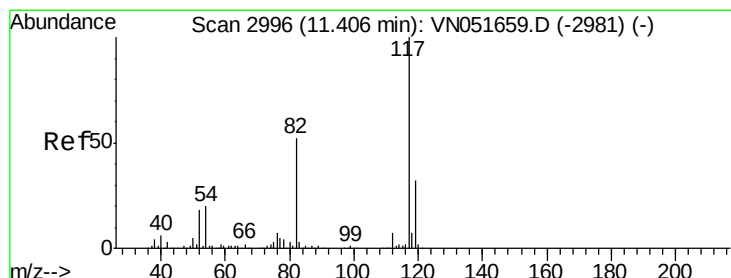
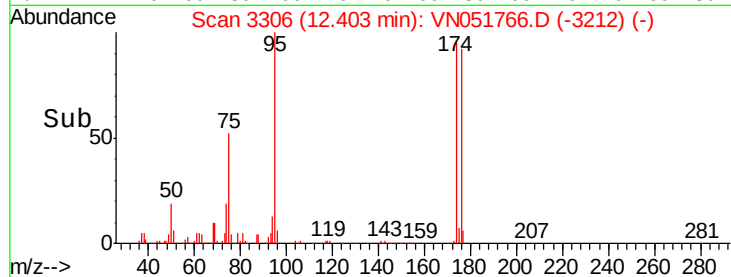
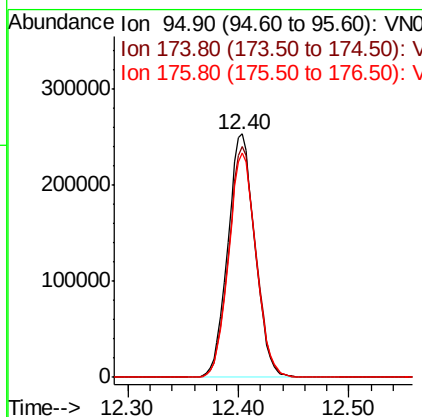
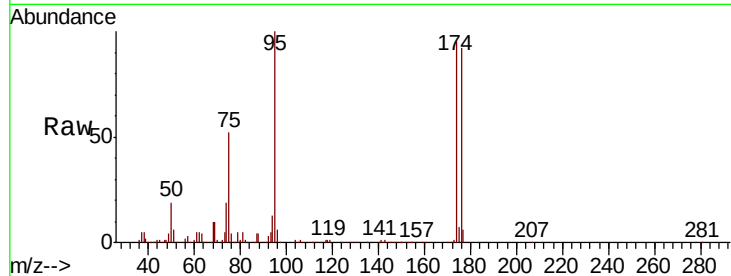




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051766.D
Acq: 9 Oct 2018 22:40

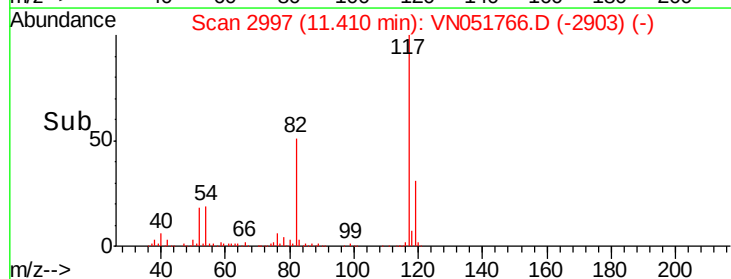
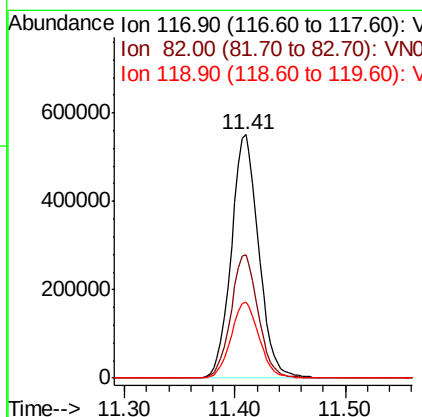
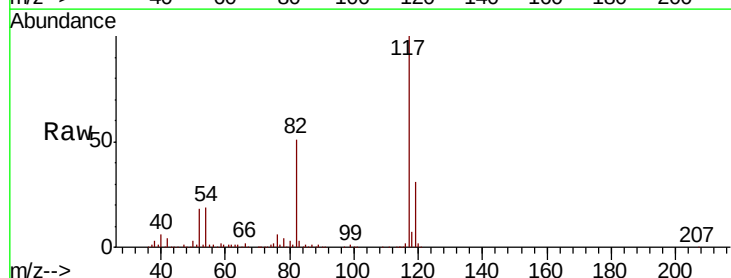
Instrument :
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PB113645ZHE#06

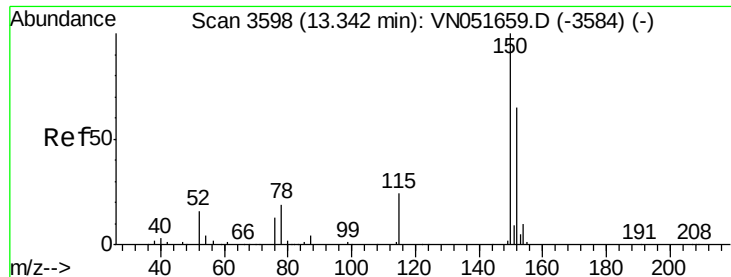
Tot Ion: 95 Resp: 432416
Ion Ratio Lower Upper
95 100
174 95.2 0.0 182.8
176 92.7 0.0 176.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051766.D
Acq: 9 Oct 2018 22:40

Tgt Ion: 117 Resp: 948806
Ion Ratio Lower Upper
117 100
82 50.7 41.3 61.9
119 31.4 25.9 38.9

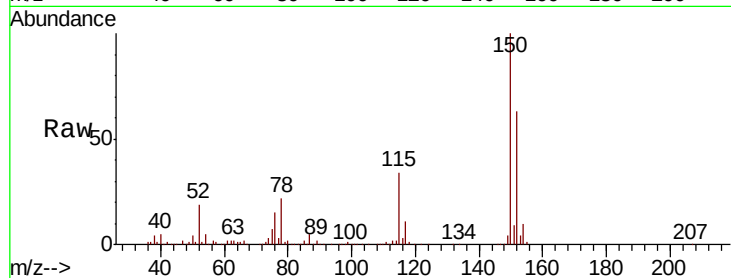




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN051766.D
 Acq: 9 Oct 2018 22:40

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113645ZHE#06

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.3	28.6	85.8
150	157.8	0.0	352.4



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

