

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN113018\
 Data File : VN052606.D
 Acq On : 30 Nov 2018 14:54
 Operator : MD\SY
 Sample : PB115186ZHE#04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115186ZHE#04

Quant Time: Dec 01 02:14:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 2018
 Response via : Initial Calibration

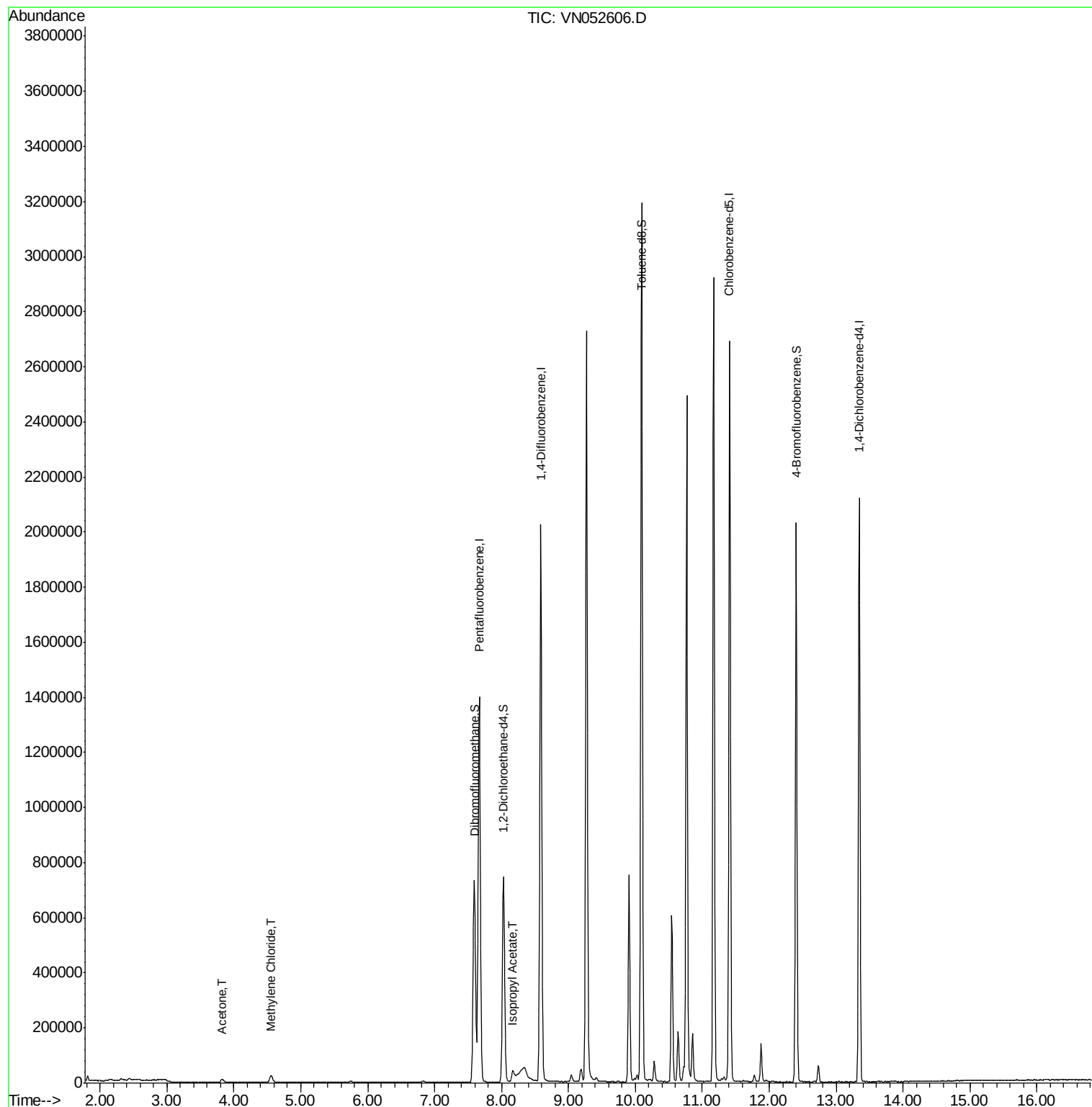
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1200101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1843243	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1623408	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	588686	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	632601	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
35) Dibromofluoromethane	7.59	113	573280	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
50) Toluene-d8	10.09	98	2254541	50.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.94%	
62) 4-Bromofluorobenzene	12.40	95	702434	47.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.52%	
Target Compounds						
16) Acetone	3.82	43	23273	6.753	ug/l	98
20) Methylene Chloride	4.56	84	18310	1.358	ug/l	98
43) Isopropyl Acetate	8.17	43	61024	3.395	ug/l #	81

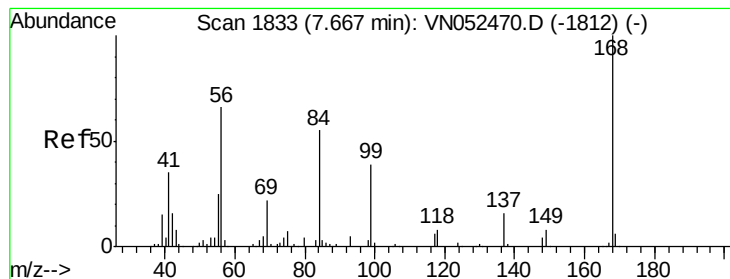
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052606.D

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Instrument :

MSVOA_N

ClientSampleId :

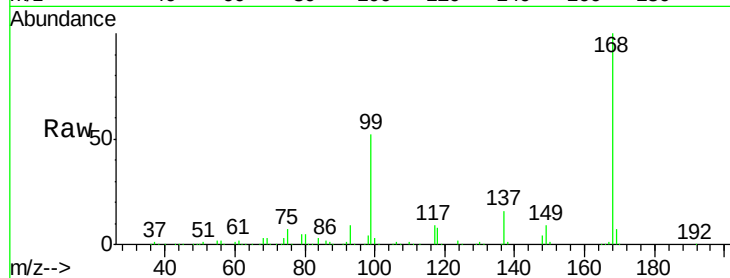
PB115186ZHE#04

Tgt Ion:168 Resp: 1200101

Ion Ratio Lower Upper

168 100

99 51.7 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): VN052606.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052606.D (-1740) (-)

7.67

600000

500000

400000

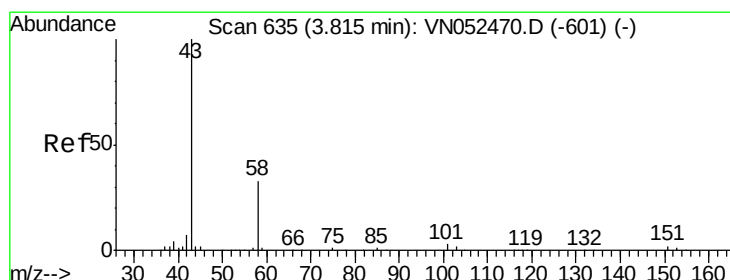
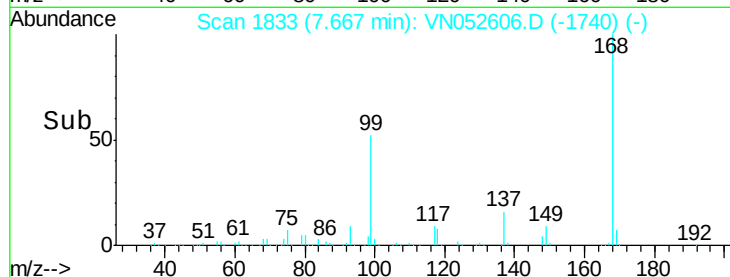
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 6.753 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052606.D

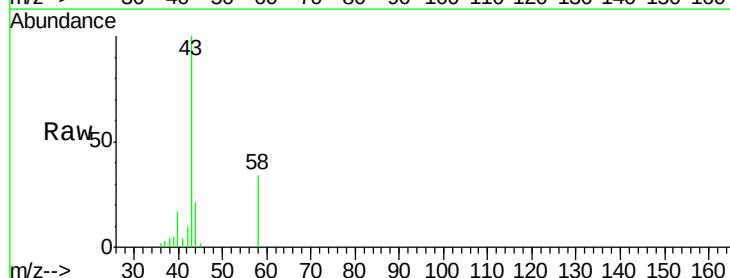
Acq: 30 Nov 2018 14:54

Tgt Ion: 43 Resp: 23273

Ion Ratio Lower Upper

43 100

58 33.8 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN052606.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN052606.D (-542) (-)

3.82

8000

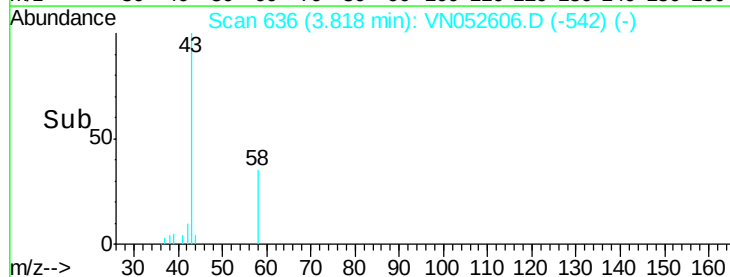
6000

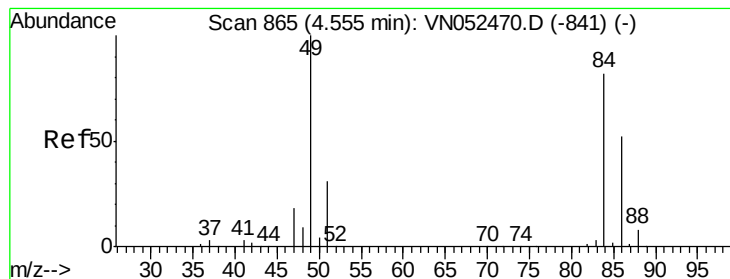
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 1.358 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.00 min

Lab File: VN052606.D

Acq: 30 Nov 2018 14:54

Instrument :

MSVOA_N

ClientSampleId :

PB115186ZHE#04

Tgt Ion: 84 Resp: 18310

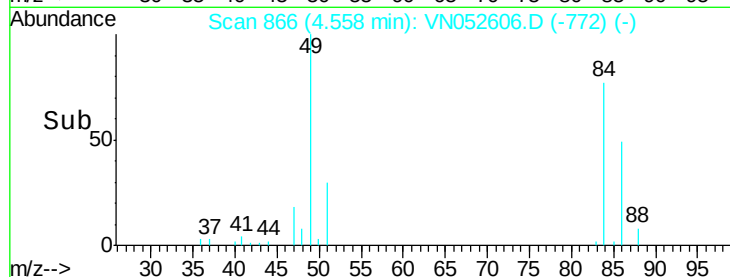
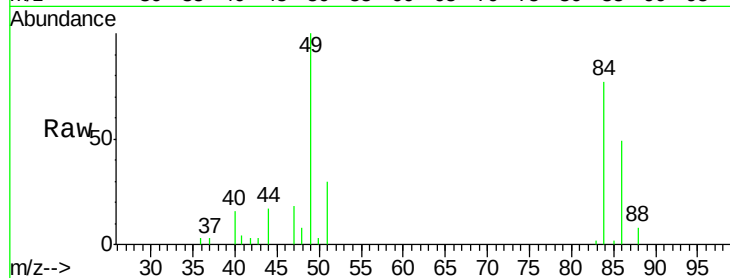
Ion Ratio Lower Upper

84 100

49 126.2 98.0 147.0

51 38.5 30.1 45.1

86 62.9 50.7 76.1

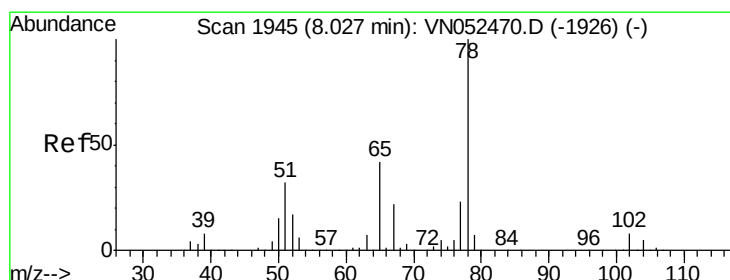
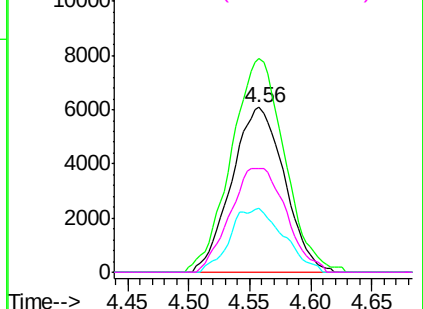


Abundance Ion 83.90 (83.60 to 84.60): VN0

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# 1945

Delta R.T. 0.00 min

Lab File: VN052606.D

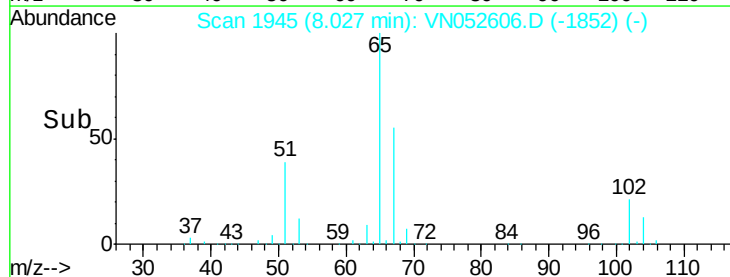
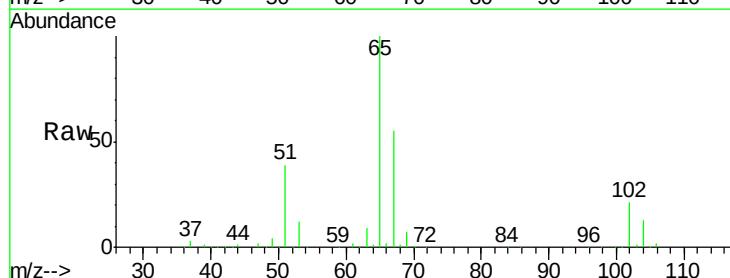
Acq: 30 Nov 2018 14:54

Tgt Ion: 65 Resp: 632601

Ion Ratio Lower Upper

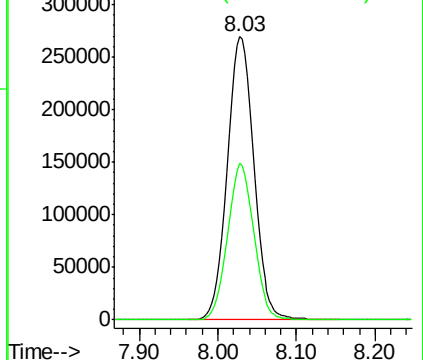
65 100

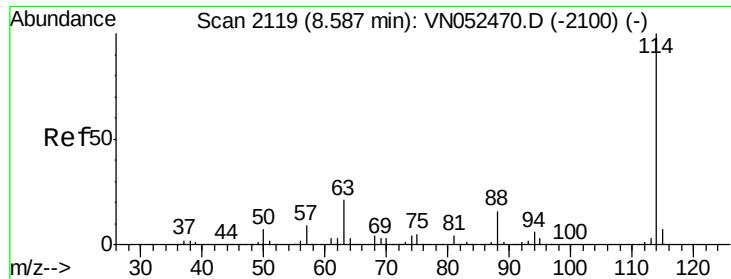
67 54.2 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

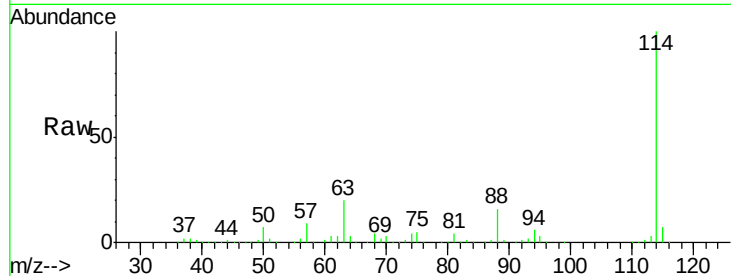




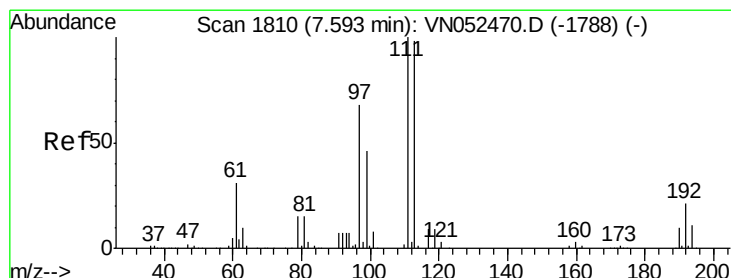
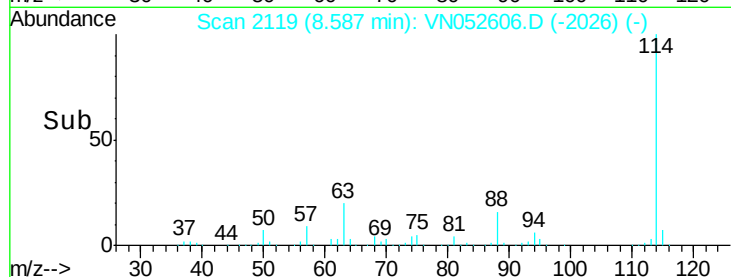
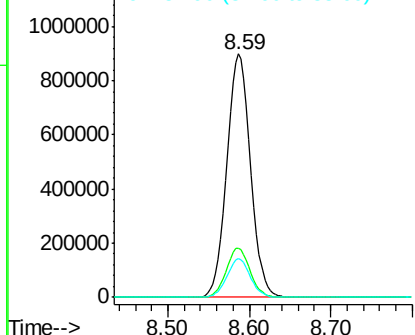
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052606.D
 Acq: 30 Nov 2018 14:54

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115186ZHE#04

Tgt Ion:114 Resp: 1843243
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.8
 88 15.8 0.0 31.6

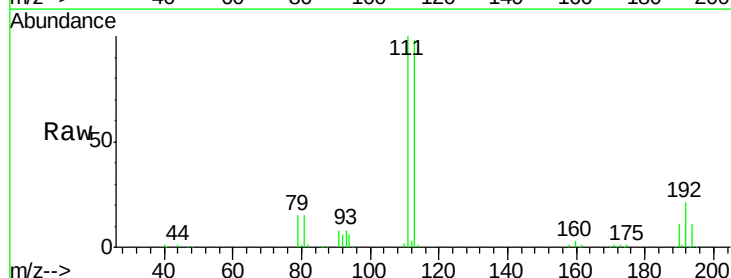


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

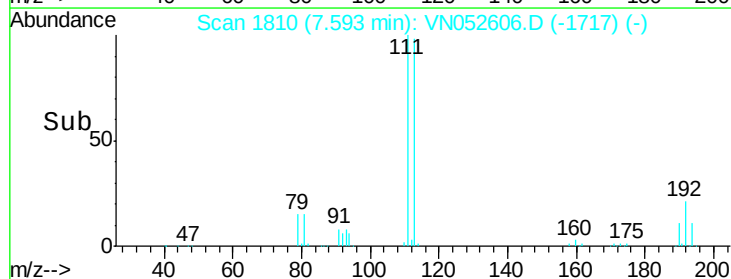
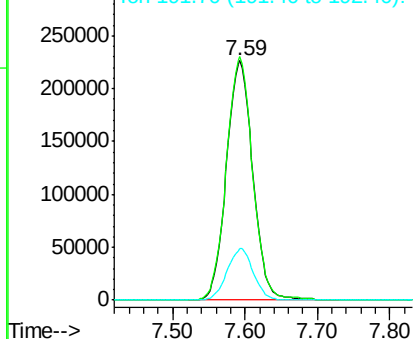


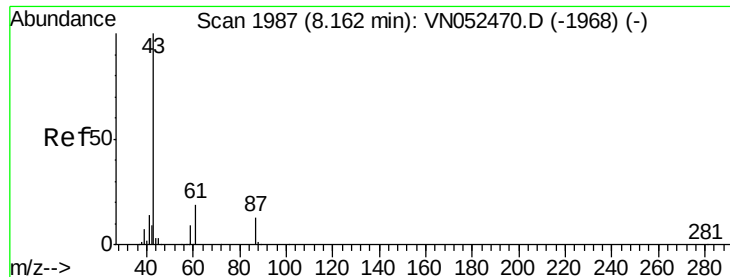
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052606.D
 Acq: 30 Nov 2018 14:54

Tgt Ion:113 Resp: 573280
 Ion Ratio Lower Upper
 113 100
 111 101.1 82.0 123.0
 192 21.3 17.0 25.6



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: 3.395 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052606.D

Acq: 30 Nov 2018 14:54

Instrument :

MSVOA_N

ClientSampleId :

PB115186ZHE#04

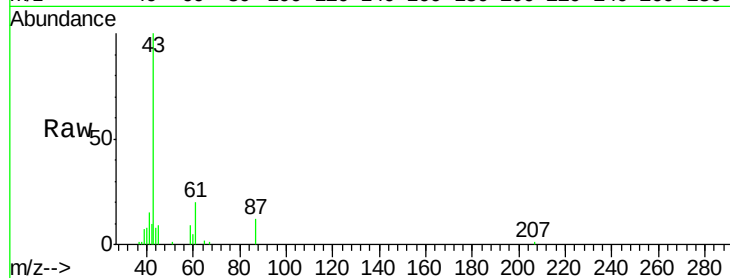
Tgt Ion: 43 Resp: 61024

Ion Ratio Lower Upper

43 100

61 17.0 24.1 36.1#

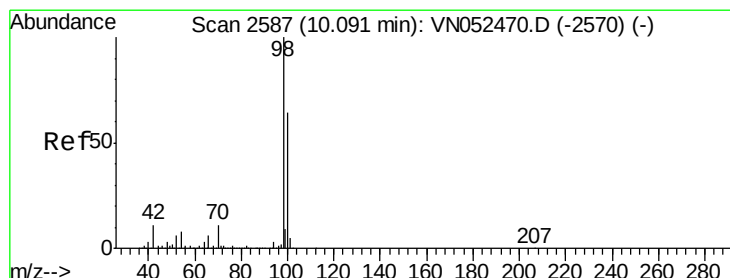
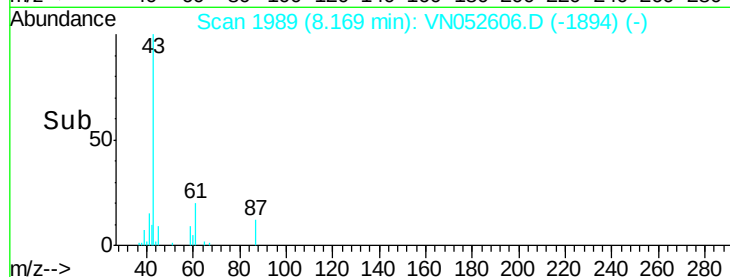
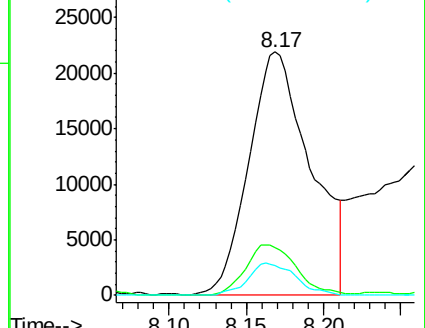
87 10.3 10.6 15.8#



Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN052470.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN052470.D (-1968) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052606.D

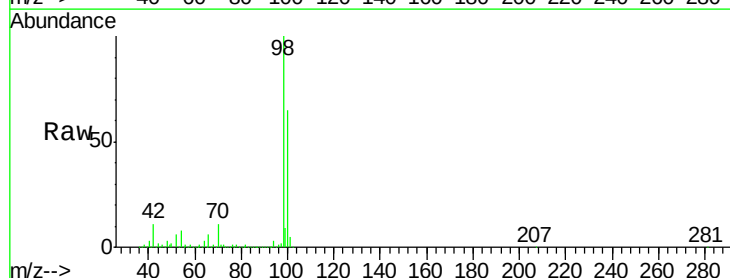
Acq: 30 Nov 2018 14:54

Tgt Ion: 98 Resp: 2254541

Ion Ratio Lower Upper

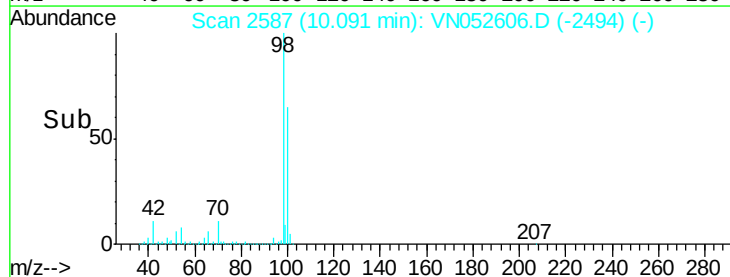
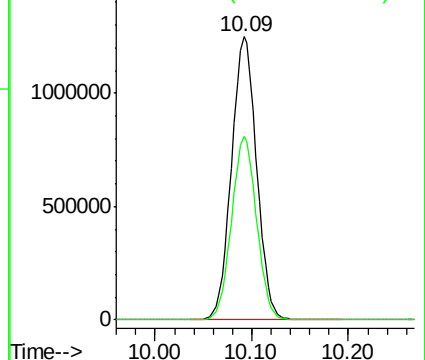
98 100

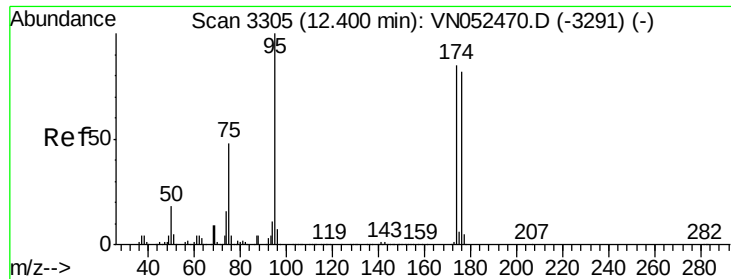
100 64.3 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN052470.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052470.D (-2570) (-)

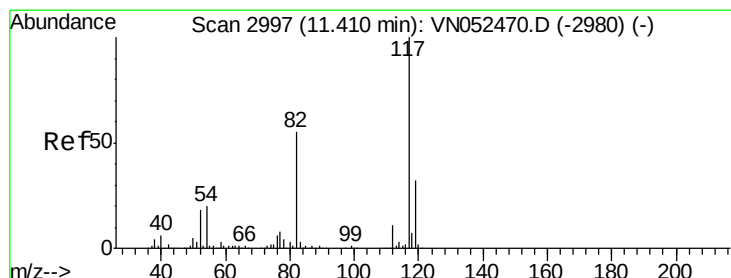
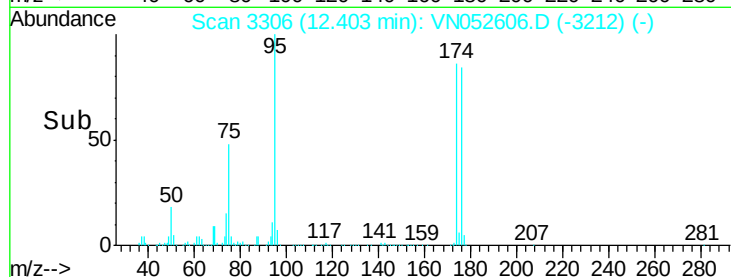
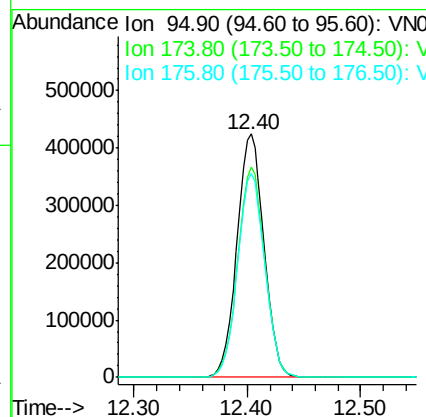
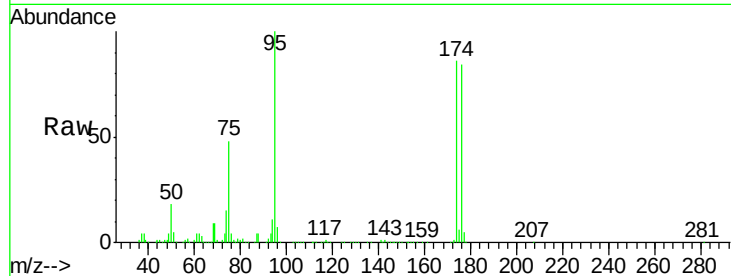




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052606.D
Acq: 30 Nov 2018 14:54

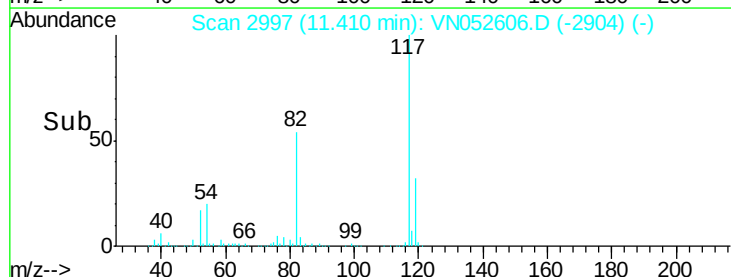
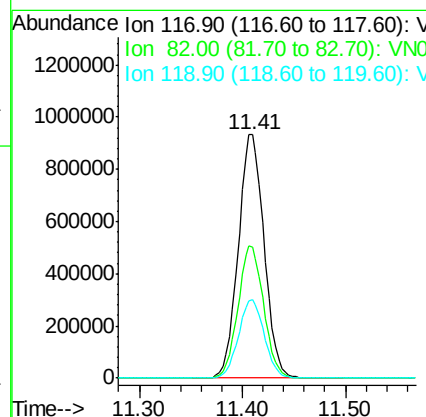
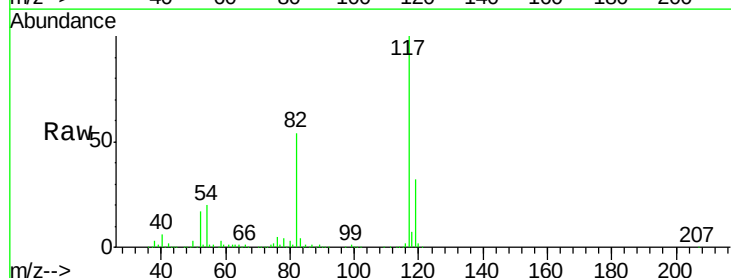
Instrument :
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ClientSampleId :
PB115186ZHE#04

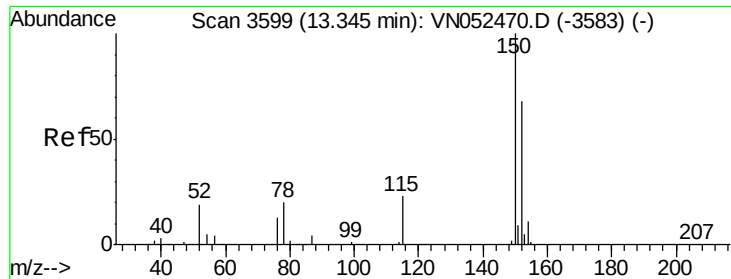
Tgt Ion: 95 Resp: 702434
Ion Ratio Lower Upper
95 100
174 87.1 0.0 173.0
176 84.5 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052606.D
Acq: 30 Nov 2018 14:54

Tgt Ion: 117 Resp: 1623408
Ion Ratio Lower Upper
117 100
82 53.6 43.6 65.4
119 32.1 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052606.D

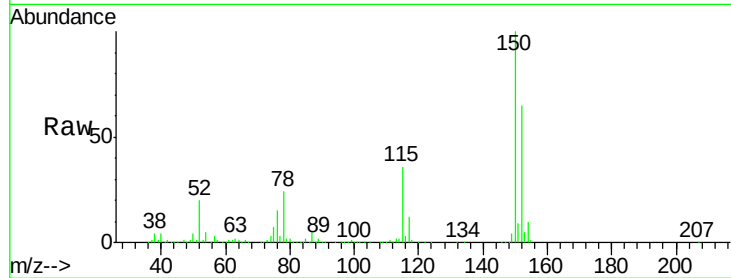
Acq: 30 Nov 2018 14:54

Instrument :

MSVOA_N

ClientSampleId :

PB115186ZHE#04



Tgt Ion:	152	Resp:	588686
Ion	Ratio	Lower	Upper
152	100		
115	56.5	28.4	85.2
150	156.2	0.0	346.0

