

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN113018\
 Data File : VN052608.D
 Acq On : 30 Nov 2018 15:48
 Operator : MD\SY
 Sample : PB115186ZHE#06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115186ZHE#06

Quant Time: Dec 01 02:18:35 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

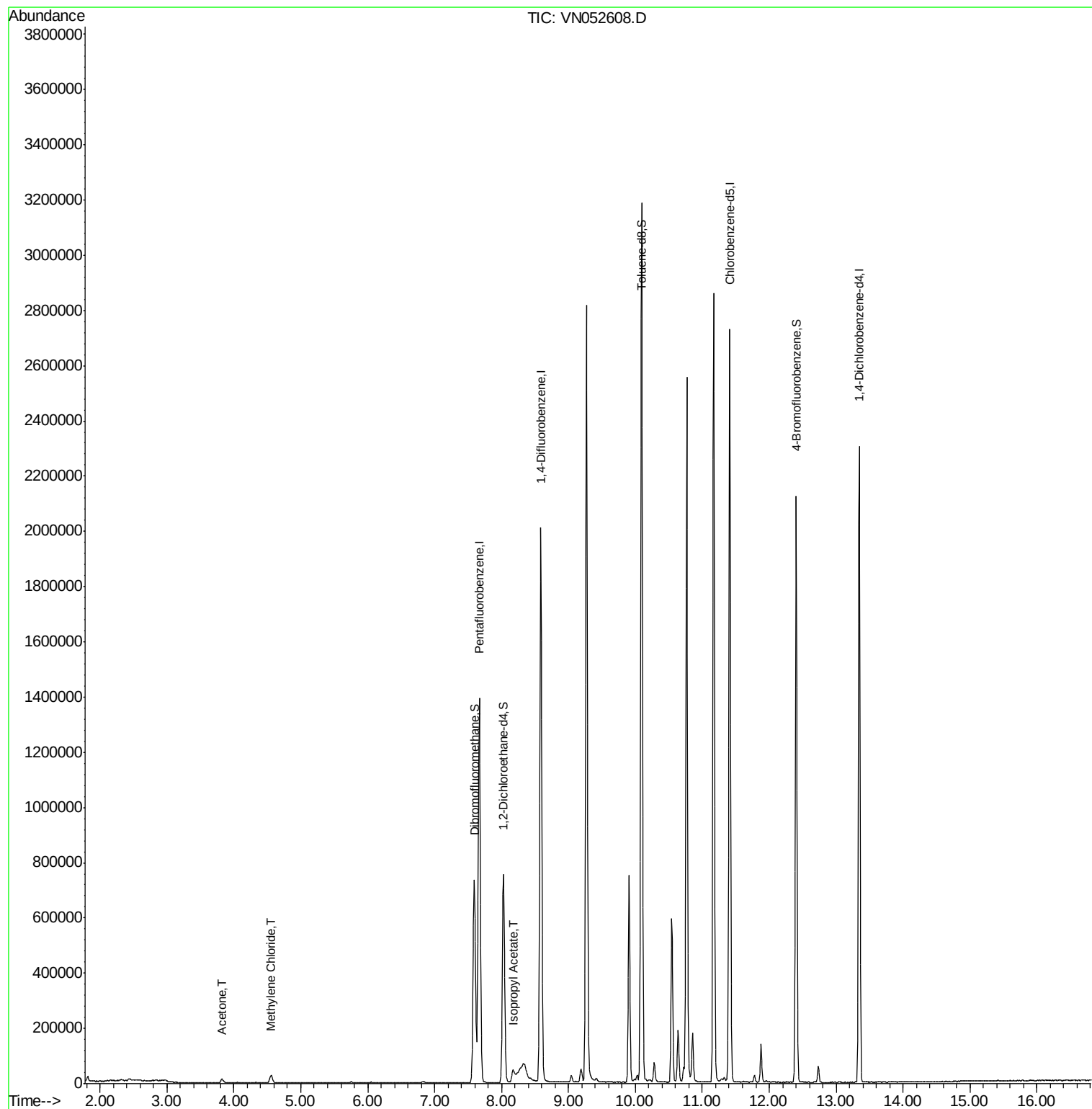
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1204639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1876883	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1659048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	648944	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	645005	49.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.36%	
35) Dibromofluoromethane	7.59	113	572530	49.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.96%	
50) Toluene-d8	10.09	98	2280938	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.28%	
62) 4-Bromofluorobenzene	12.40	95	729991	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
Target Compounds						
16) Acetone	3.82	43	23770	6.871	ug/l	98
20) Methylene Chloride	4.56	84	20423	1.509	ug/l	94
43) Isopropyl Acetate	8.17	43	67864	3.707	ug/l #	77

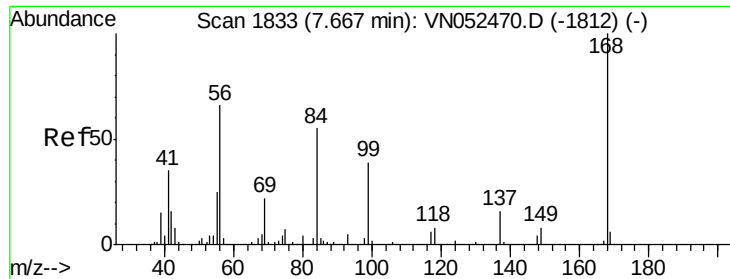
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052608.D

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MSVOA_N

ClientSampleId :

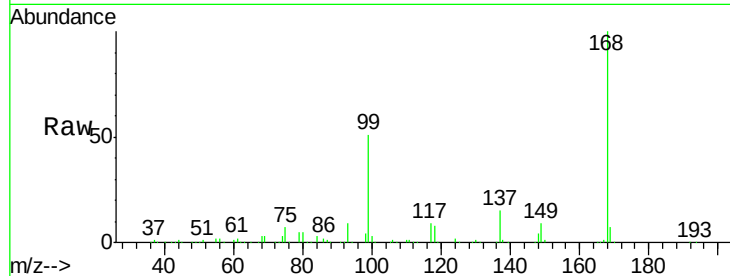
PB115186ZHE#06

Tgt Ion:168 Resp: 1204639

Ion Ratio Lower Upper

168 100

99 51.2 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): VN052608.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052608.D (-1740) (-)

7.67

600000

500000

400000

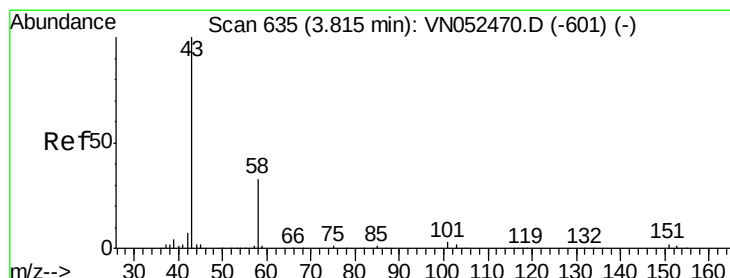
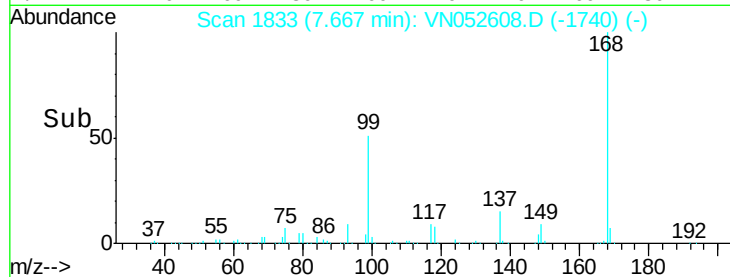
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 6.871 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052608.D

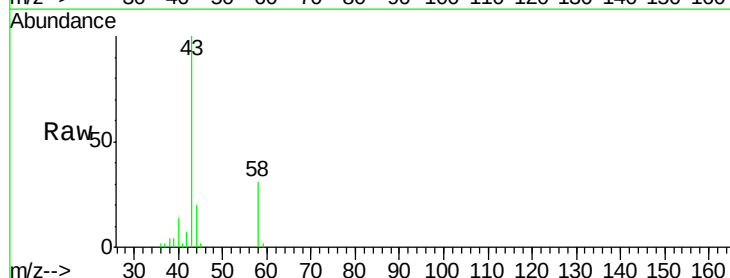
Acq: 30 Nov 2018 15:48

Tgt Ion: 43 Resp: 23770

Ion Ratio Lower Upper

43 100

58 31.2 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN052608.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN052608.D (-542) (-)

3.82

10000

8000

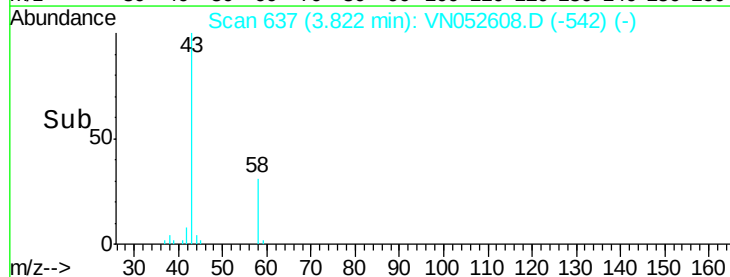
6000

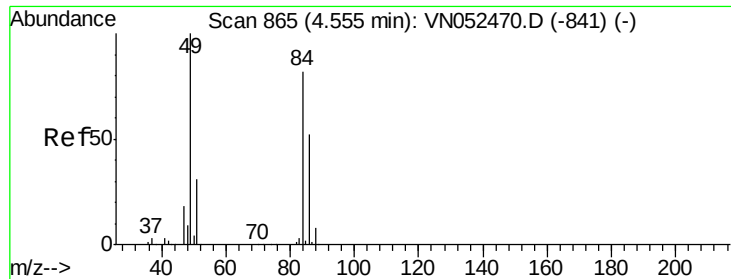
4000

2000

0

Time-->

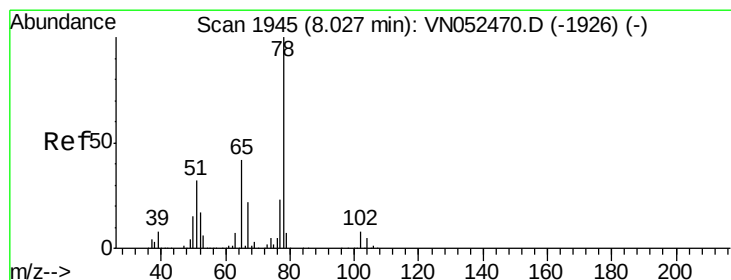
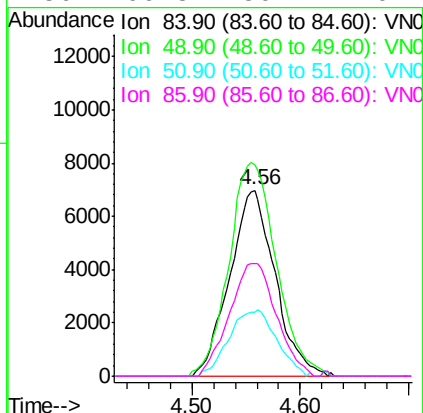
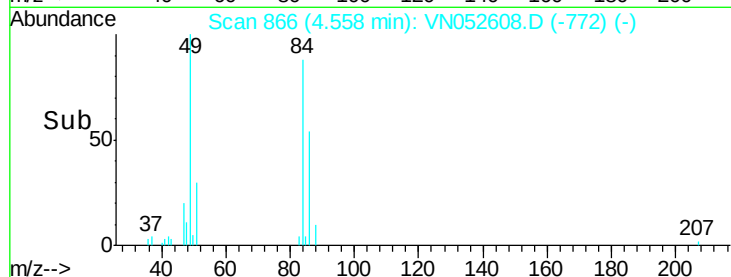
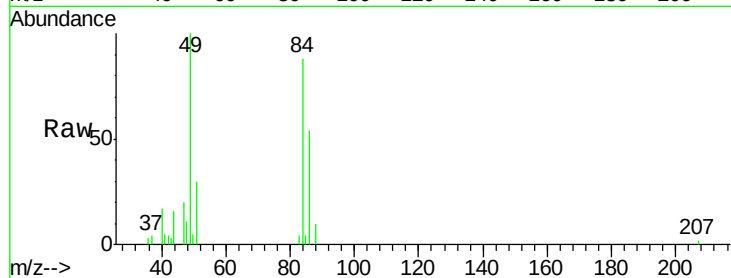




#20
Methylene Chloride
Concen: 1.509 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052608.D
Acq: 30 Nov 2018 15:48

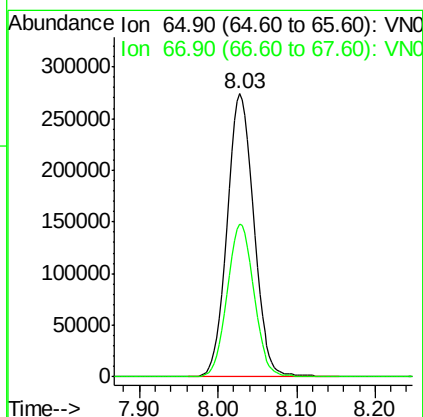
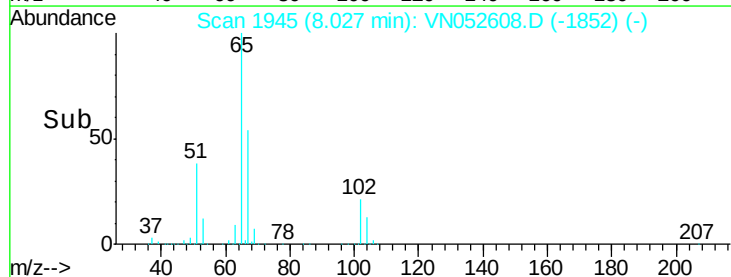
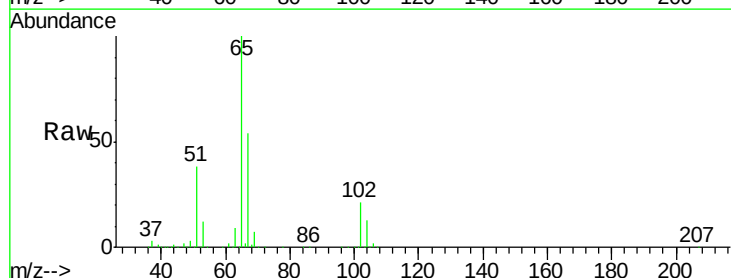
Instrument :
MSVOA_N
ClientSampleId :
PB115186ZHE#06

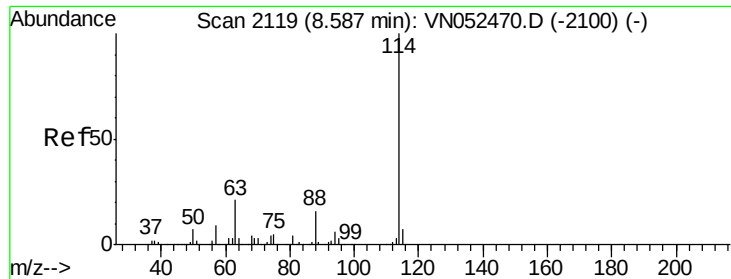
Tgt Ion: 84 Resp: 20423
Ion Ratio Lower Upper
84 100
49 113.6 98.0 147.0
51 34.6 30.1 45.1
86 60.8 50.7 76.1



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052608.D
Acq: 30 Nov 2018 15:48

Tgt Ion: 65 Resp: 645005
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.8

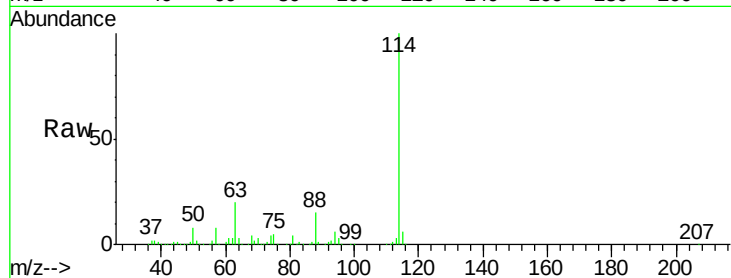




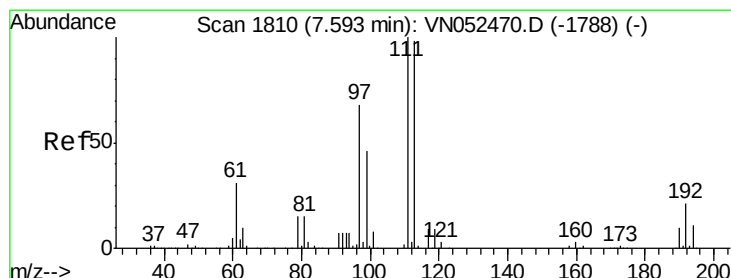
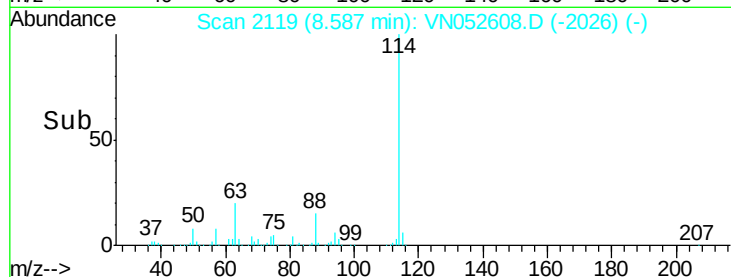
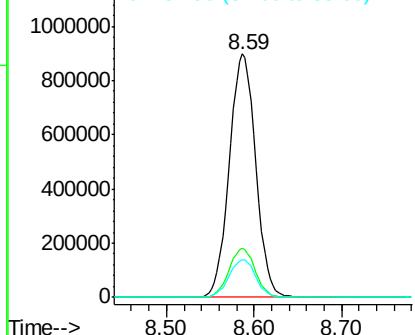
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052608.D
 Acq: 30 Nov 2018 15:48

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115186ZHE#06

Tgt Ion:114 Resp: 1876883
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.8
 88 15.4 0.0 31.6

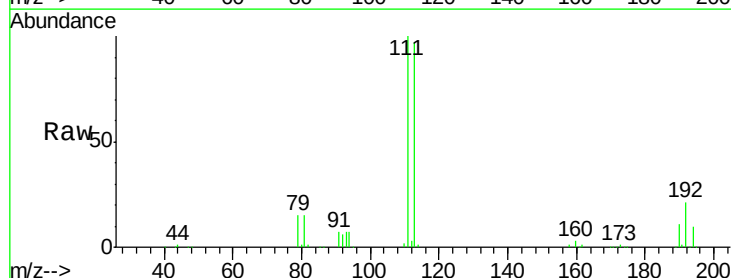


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

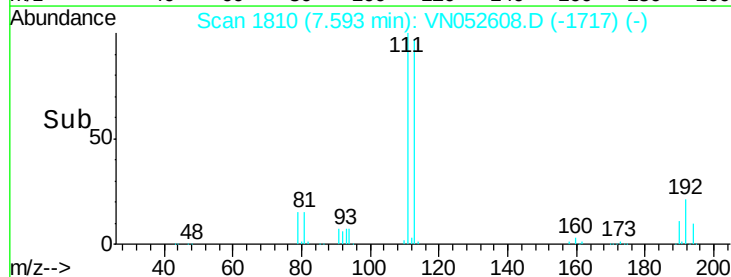
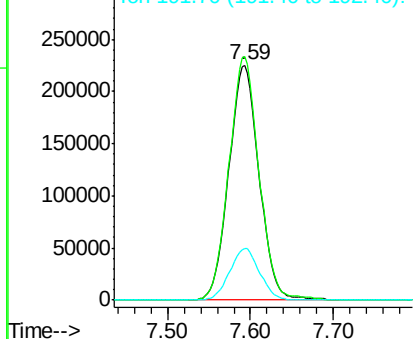


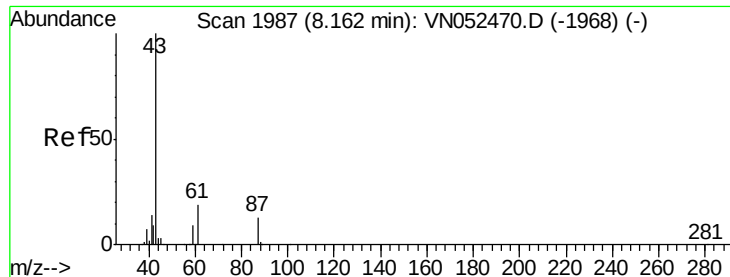
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052608.D
 Acq: 30 Nov 2018 15:48

Tgt Ion:113 Resp: 572530
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.0 123.0
 192 21.8 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: 3.707 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052608.D

Acq: 30 Nov 2018 15:48

Instrument :

MSVOA_N

ClientSampleId :

PB115186ZHE#06

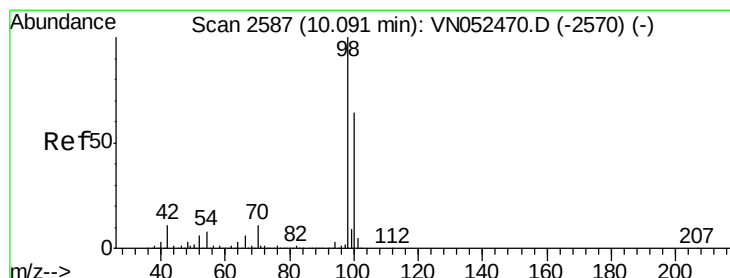
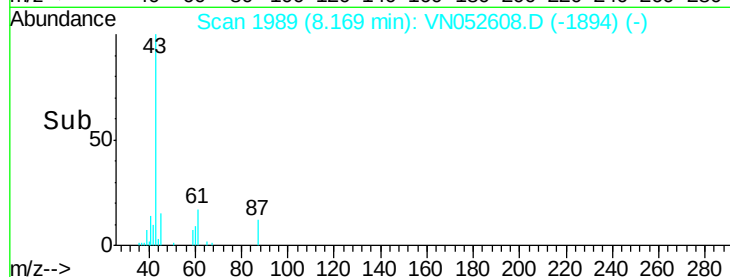
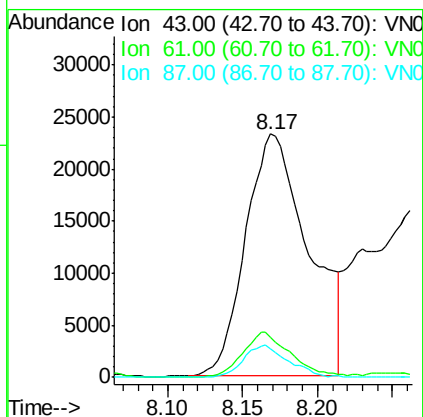
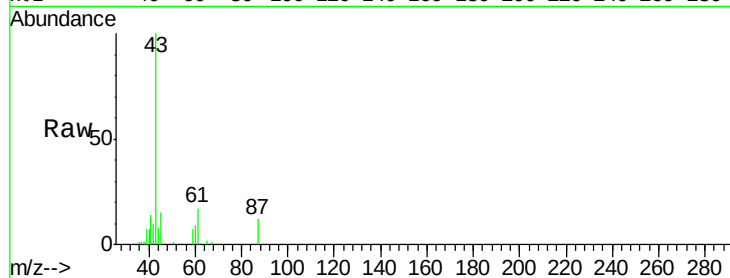
Tgt Ion: 43 Resp: 67864

Ion Ratio Lower Upper

43 100

61 14.4 24.1 36.1#

87 9.4 10.6 15.8#



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052608.D

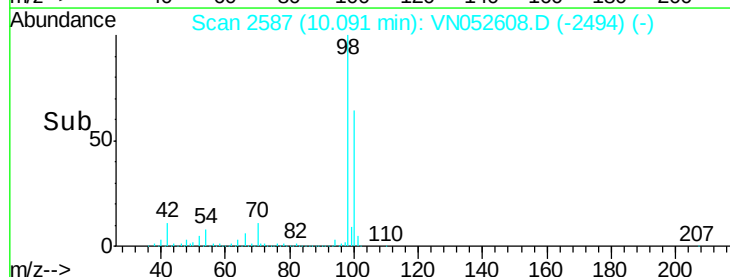
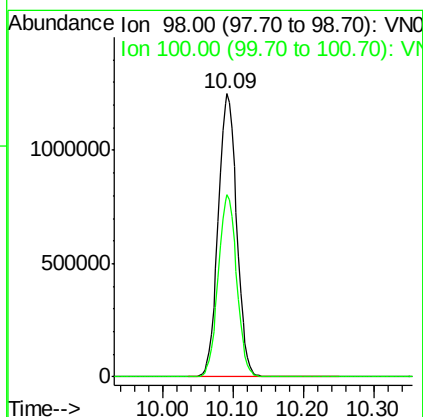
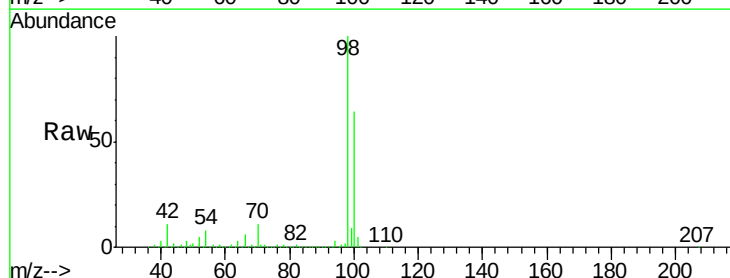
Acq: 30 Nov 2018 15:48

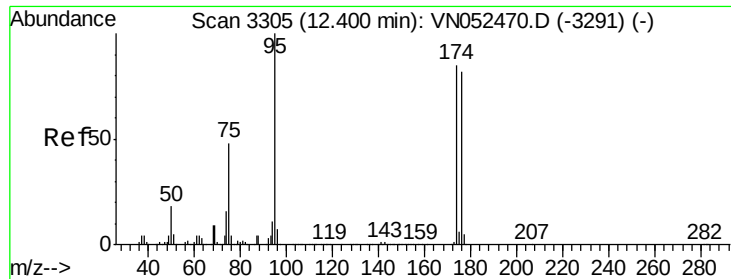
Tgt Ion: 98 Resp: 2280938

Ion Ratio Lower Upper

98 100

100 64.1 51.3 76.9

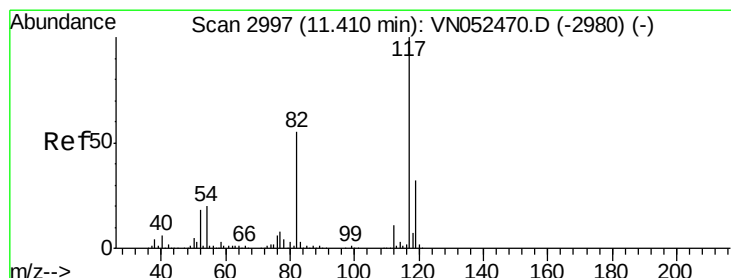
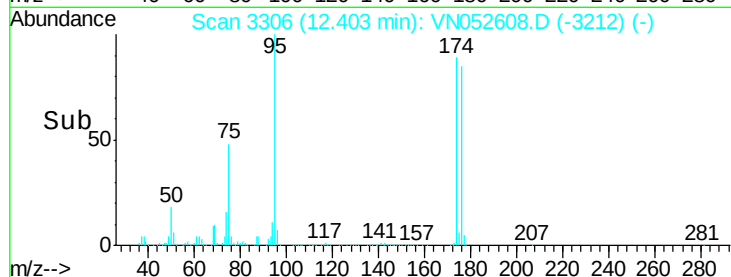
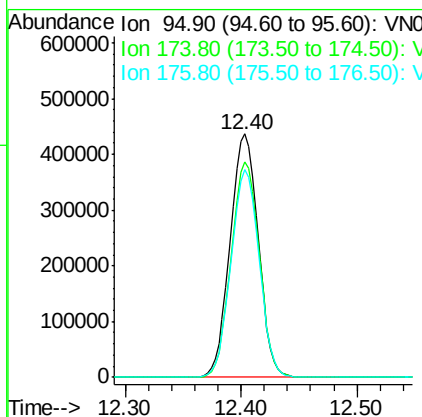
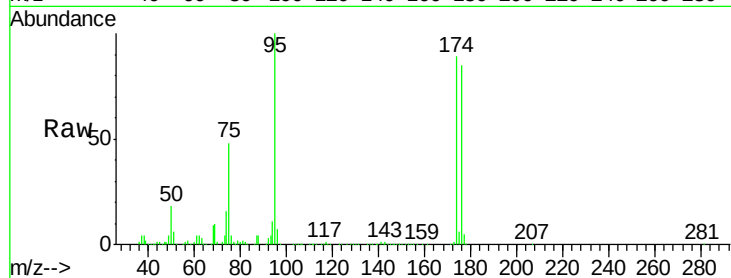




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052608.D
Acq: 30 Nov 2018 15:48

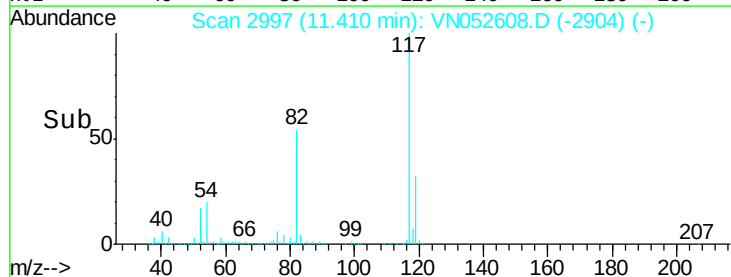
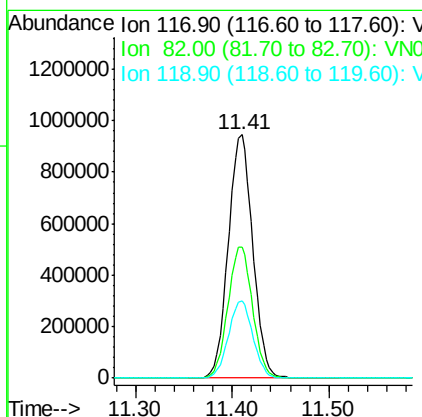
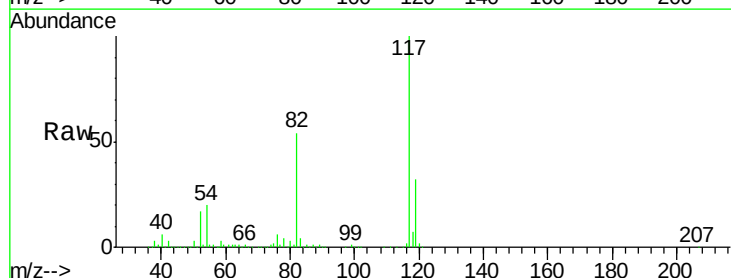
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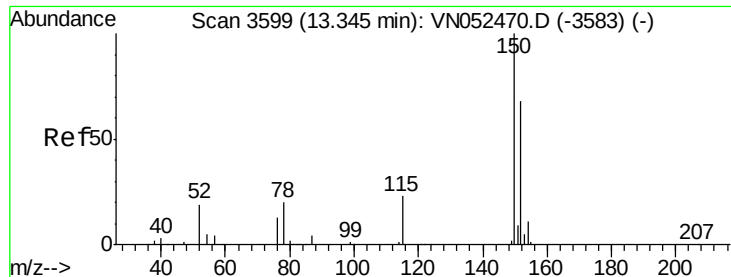
Tgt Ion: 95 Resp: 729991
Ion Ratio Lower Upper
95 100
174 88.7 0.0 173.0
176 85.3 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN052608.D
Acq: 30 Nov 2018 15:48

Tgt Ion: 117 Resp: 1659048
Ion Ratio Lower Upper
117 100
82 54.0 43.6 65.4
119 31.9 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: VN052608.D

Acq: 30 Nov 2018 15:48

Instrument :

MSVOA_N

ClientSampleId :

PB115186ZHE#06

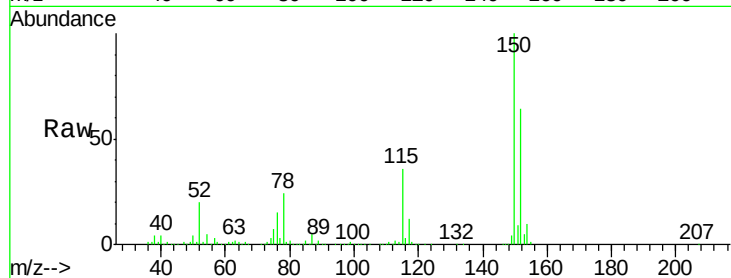
Tgt Ion:152 Resp: 648944

Ion Ratio Lower Upper

152 100

115 56.6 28.4 85.2

150 156.3 0.0 346.0



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

