

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100418\
 Data File : VN051669.D
 Acq On : 4 Oct 2018 17:29
 Operator : MD\SY
 Sample : PB113487ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113487ZHE#01

Quant Time: Oct 05 07:04:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 05 02:22:33 2018
 Response via : Initial Calibration

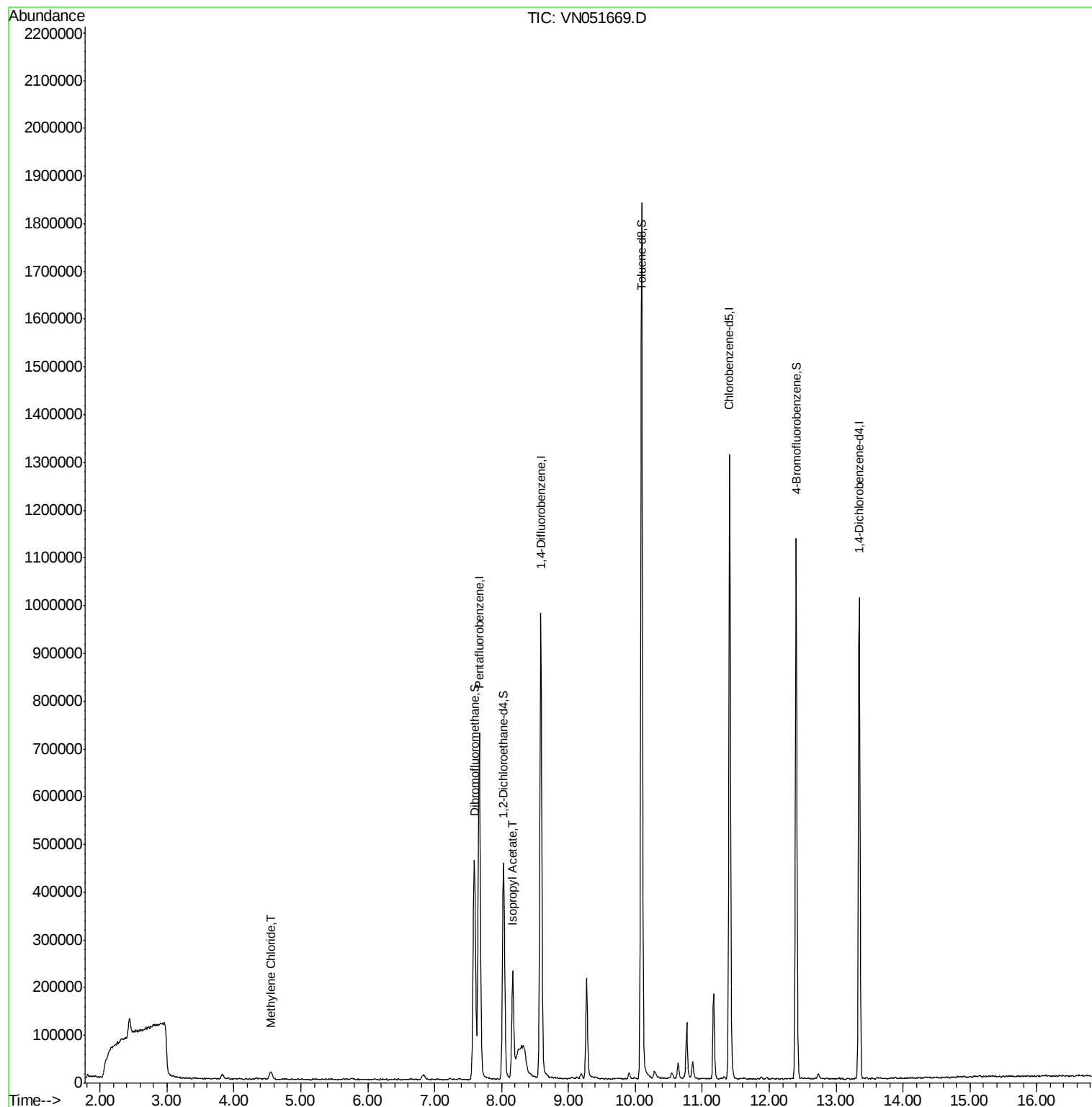
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	633175	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	914639	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	792830	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	278038	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	388981	46.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.00%	
35) Dibromofluoromethane	7.59	113	343171	48.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.06%	
50) Toluene-d8	10.09	98	1292622	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
62) 4-Bromofluorobenzene	12.40	95	359317	38.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.96%	
Target Compounds						
20) Methylene Chloride	4.55	84	11347	1.649	ug/l #	96
43) Isopropyl Acetate	8.17	43	283214	27.243	ug/l	96

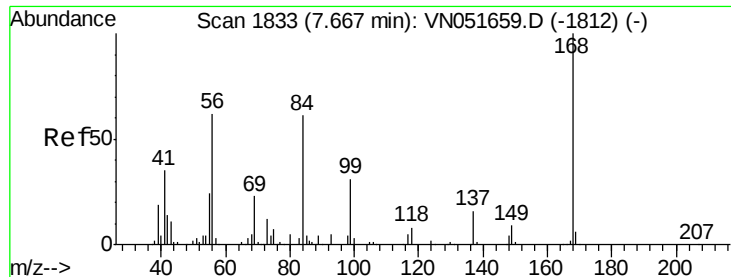
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Oct 05 02:22:33 2018
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: VN051669.D

Acq: 4 Oct 2018 17:29

Instrument :

MSVOA_N

ClientSampleId :

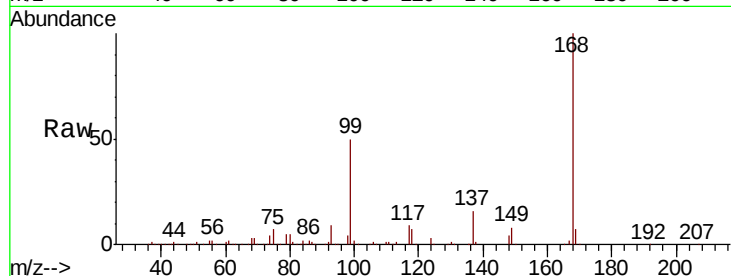
PB113487ZHE#01

Tot Ion:168 Resp: 633175

Ion Ratio Lower Upper

168 100

99 49.7 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

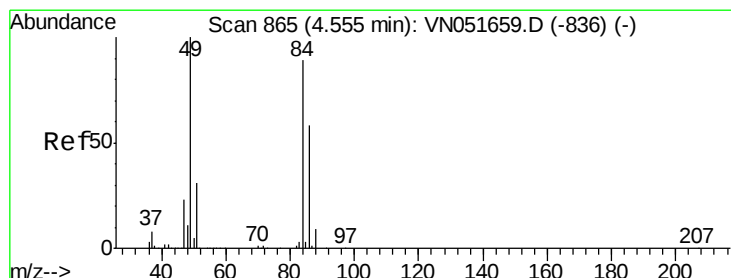
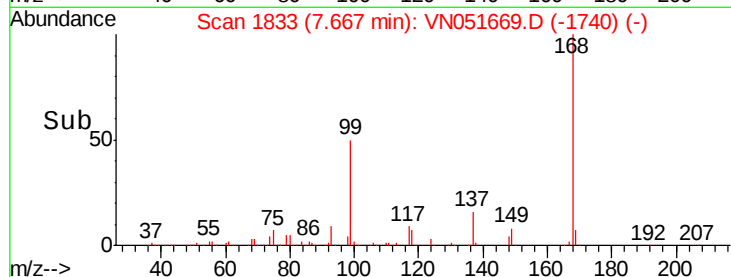
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 1.649 ug/l

RT: 4.55 min Scan# 865

Delta R.T. -0.00 min

Lab File: VN051669.D

Acq: 4 Oct 2018 17:29

Tgt Ion: 84 Resp: 11347

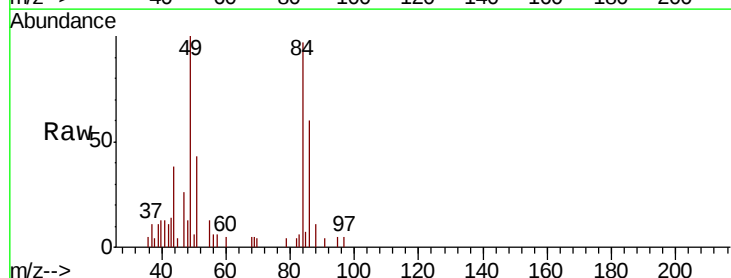
Ion Ratio Lower Upper

84 100

49 110.4 89.5 134.3

51 43.5 27.4 41.0#

86 66.8 51.9 77.9



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

4.55

6000

5000

4000

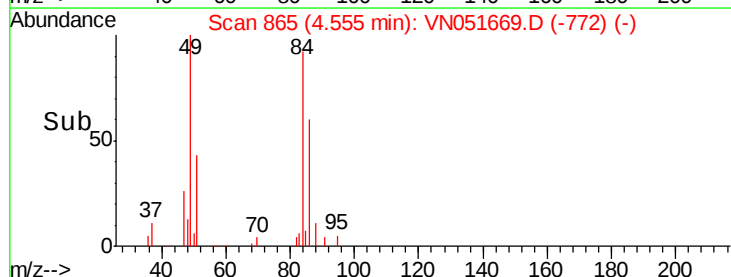
3000

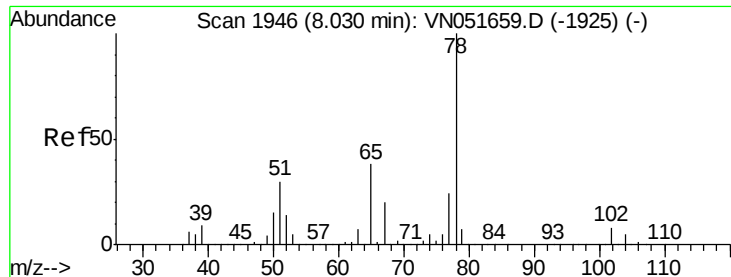
2000

1000

0

Time-->

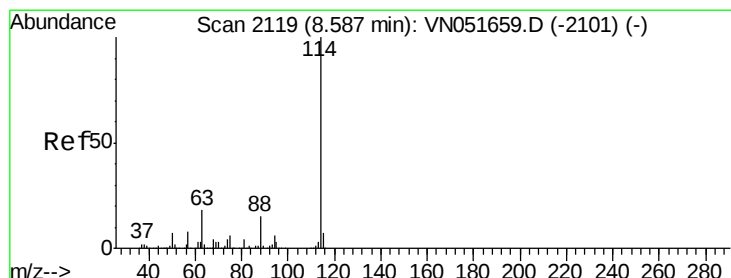
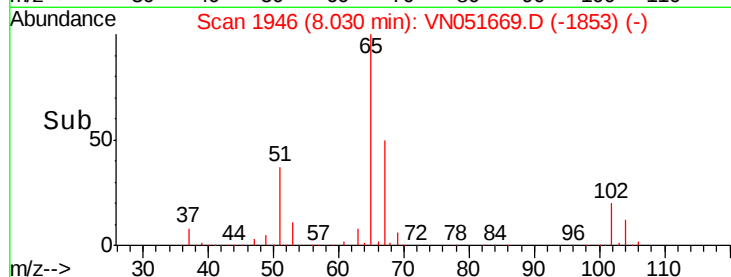
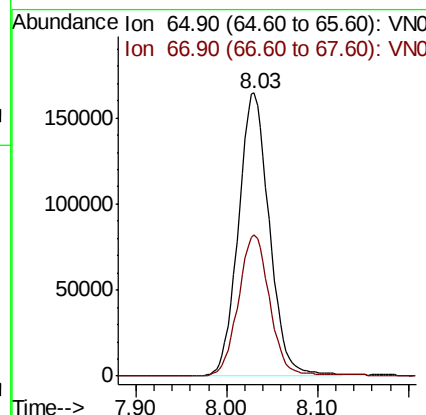
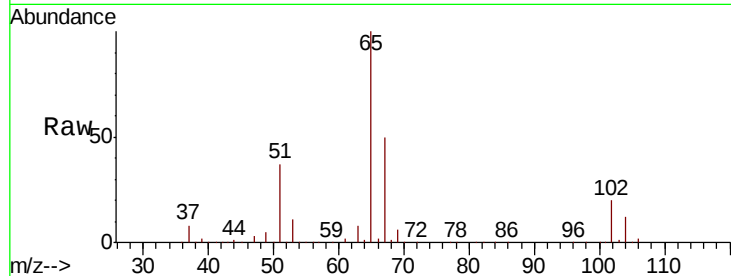




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. -0.00 min
 Lab File: VN051669.D
 Acq: 4 Oct 2018 17:29

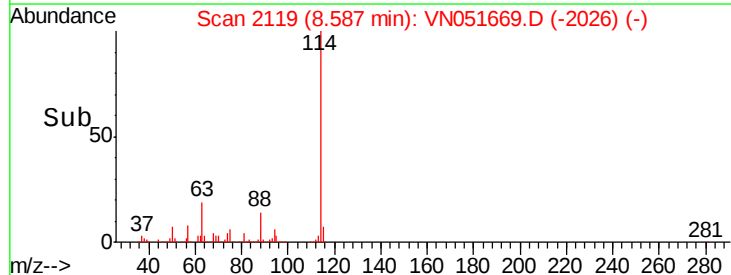
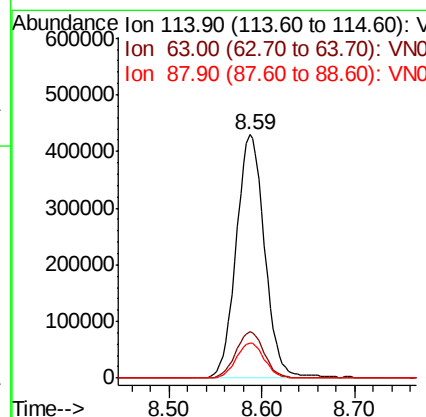
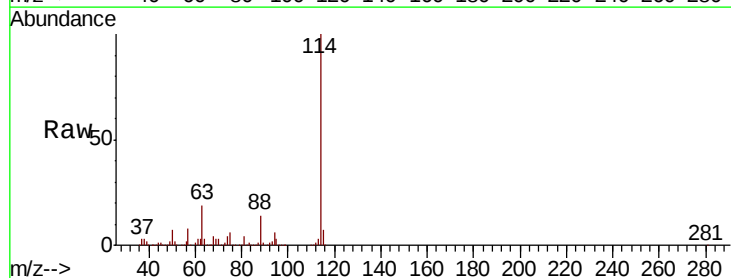
Instrument :
 MSVOA_N
 ClientSampleId :
 PB113487ZHE#01

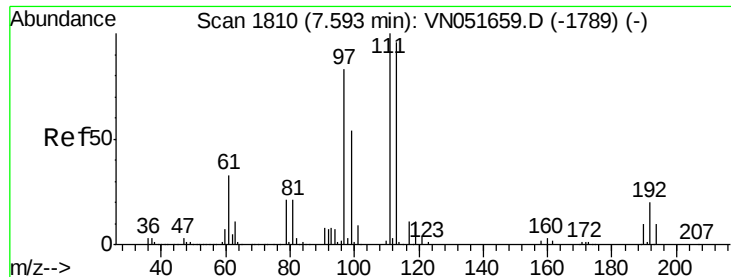
Tot Ion: 65 Resp: 388981
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051669.D
 Acq: 4 Oct 2018 17:29

Tgt Ion: 114 Resp: 914639
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 36.2
 88 14.5 0.0 30.2





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN051669.D

Acq: 4 Oct 2018 17:29

Instrument :

MSVOA_N

ClientSampleId :

PB113487ZHE#01

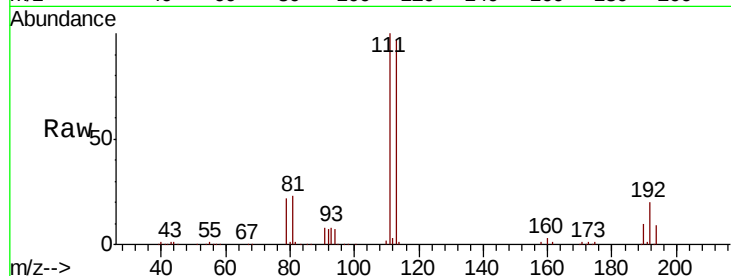
Tot Ion:113 Resp: 343171

Ion Ratio Lower Upper

113 100

111 104.3 81.8 122.8

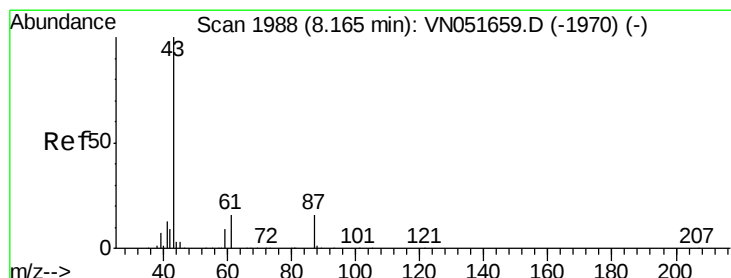
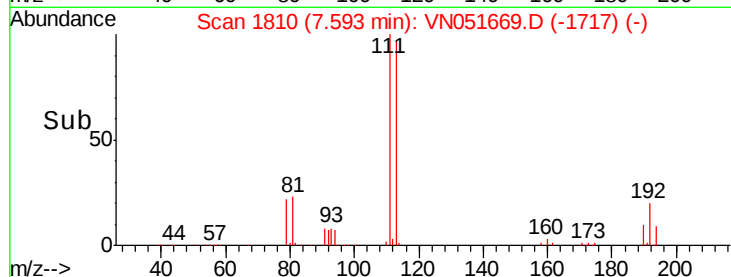
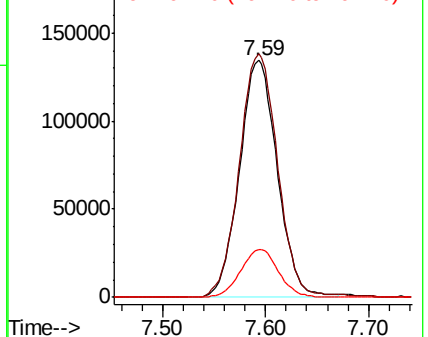
192 20.3 16.5 24.7



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: 27.243 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN051669.D

Acq: 4 Oct 2018 17:29

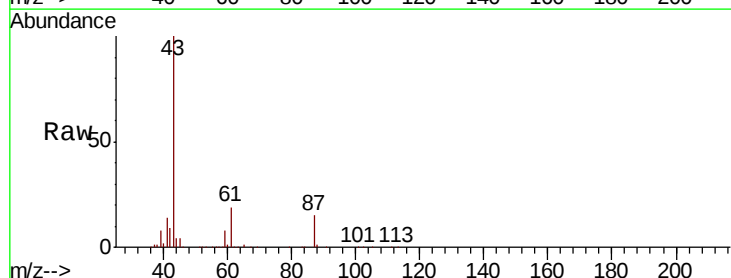
Tgt Ion: 43 Resp: 283214

Ion Ratio Lower Upper

43 100

61 17.8 15.8 23.6

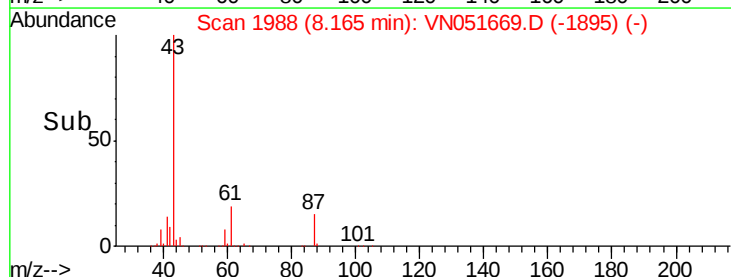
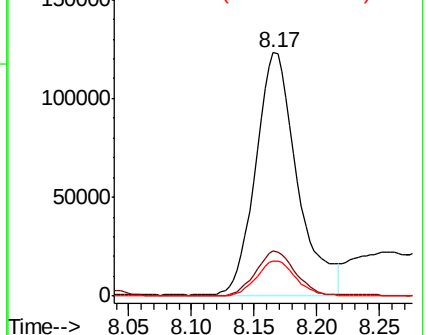
87 13.8 12.6 19.0

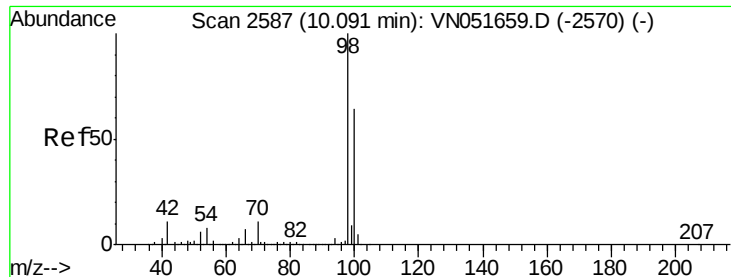


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051669.D

Acq: 4 Oct 2018 17:29

Instrument :

MSVOA_N

ClientSampleId :

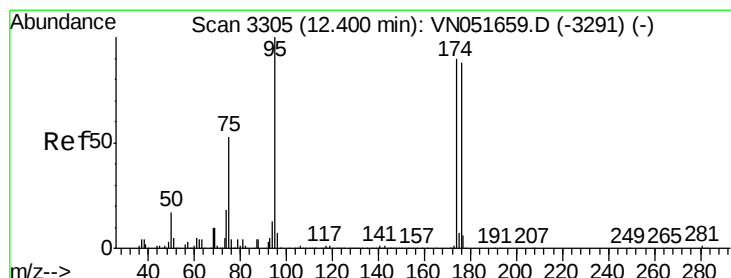
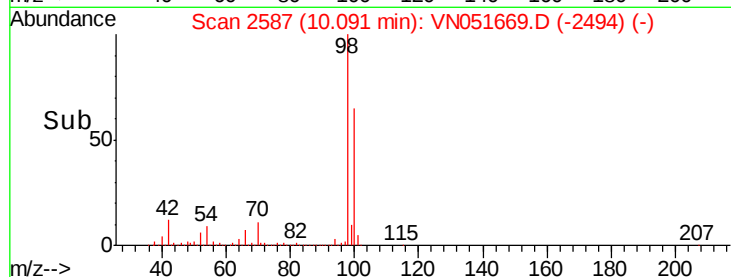
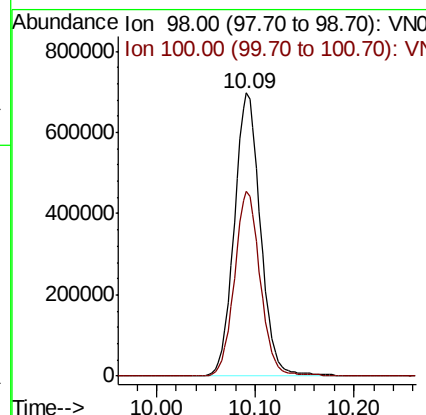
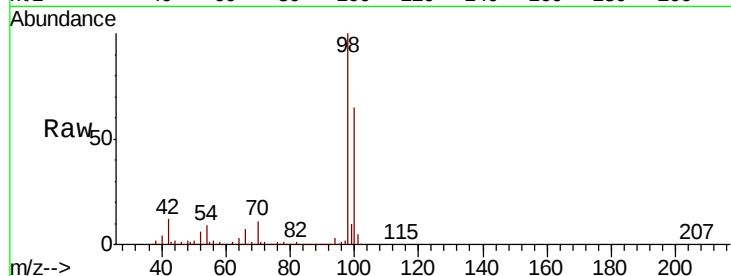
PB113487ZHE#01

Tot Ion: 98 Resp: 1292622

Ion Ratio Lower Upper

98 100

100 64.4 51.5 77.3



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051669.D

Acq: 4 Oct 2018 17:29

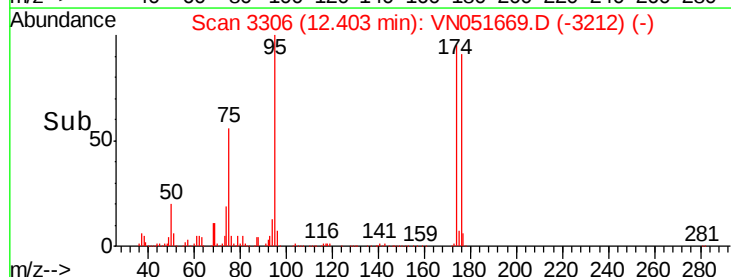
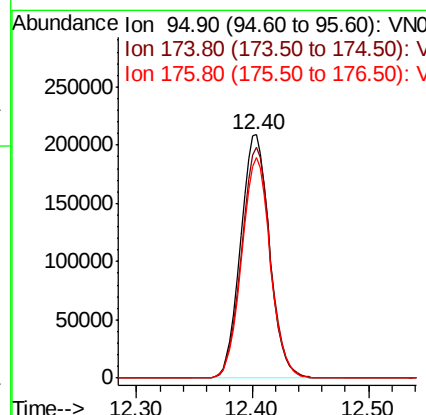
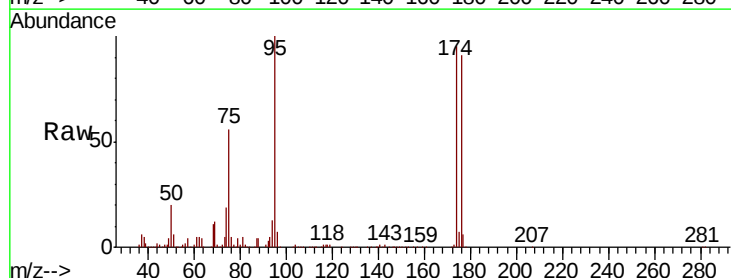
Tgt Ion: 95 Resp: 359317

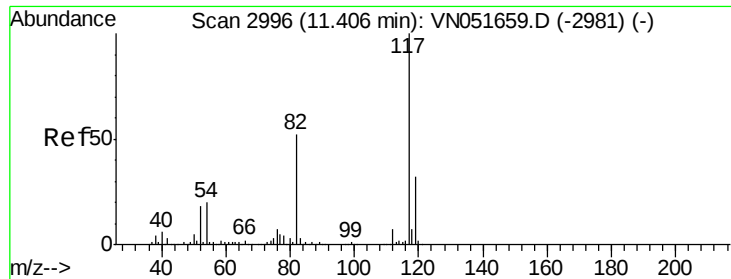
Ion Ratio Lower Upper

95 100

174 94.5 0.0 182.8

176 89.7 0.0 176.4

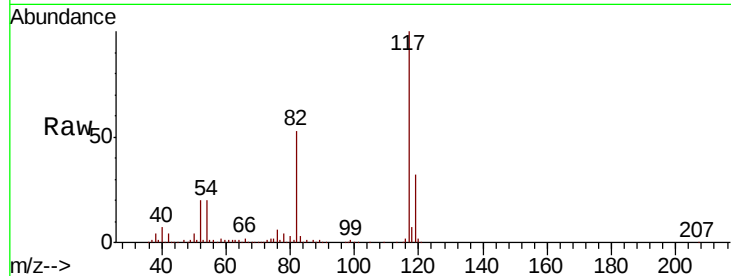




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051669.D
Acq: 4 Oct 2018 17:29

Instrument :
MSVOA_N
ClientSampleId :
PB113487ZHE#01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	41.3	61.9
119	31.8	25.9	38.9

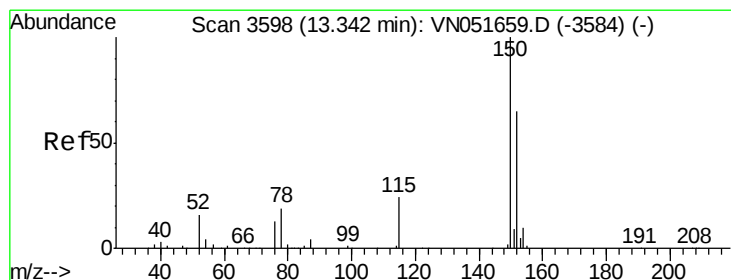
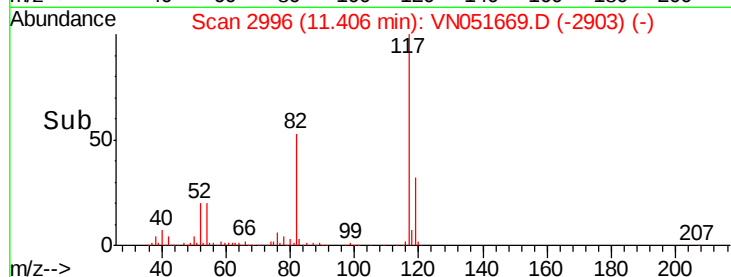
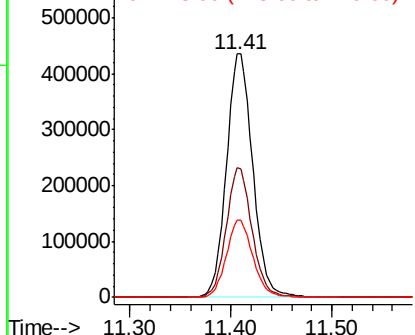


Abundance

Ion 116.90 (116.60 to 117.60): V

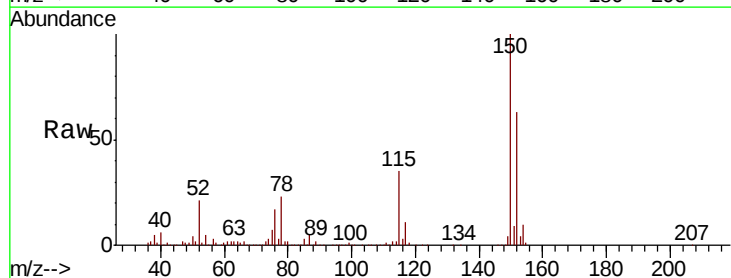
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051669.D
Acq: 4 Oct 2018 17:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.2	28.6	85.8
150	159.7	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

