

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080318\
 Data File : VN050336.D
 Acq On : 4 Aug 2018 1:45
 Operator : MD\SY
 Sample : PB111719ZHE#16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111719ZHE#16

Quant Time: Aug 04 05:40:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

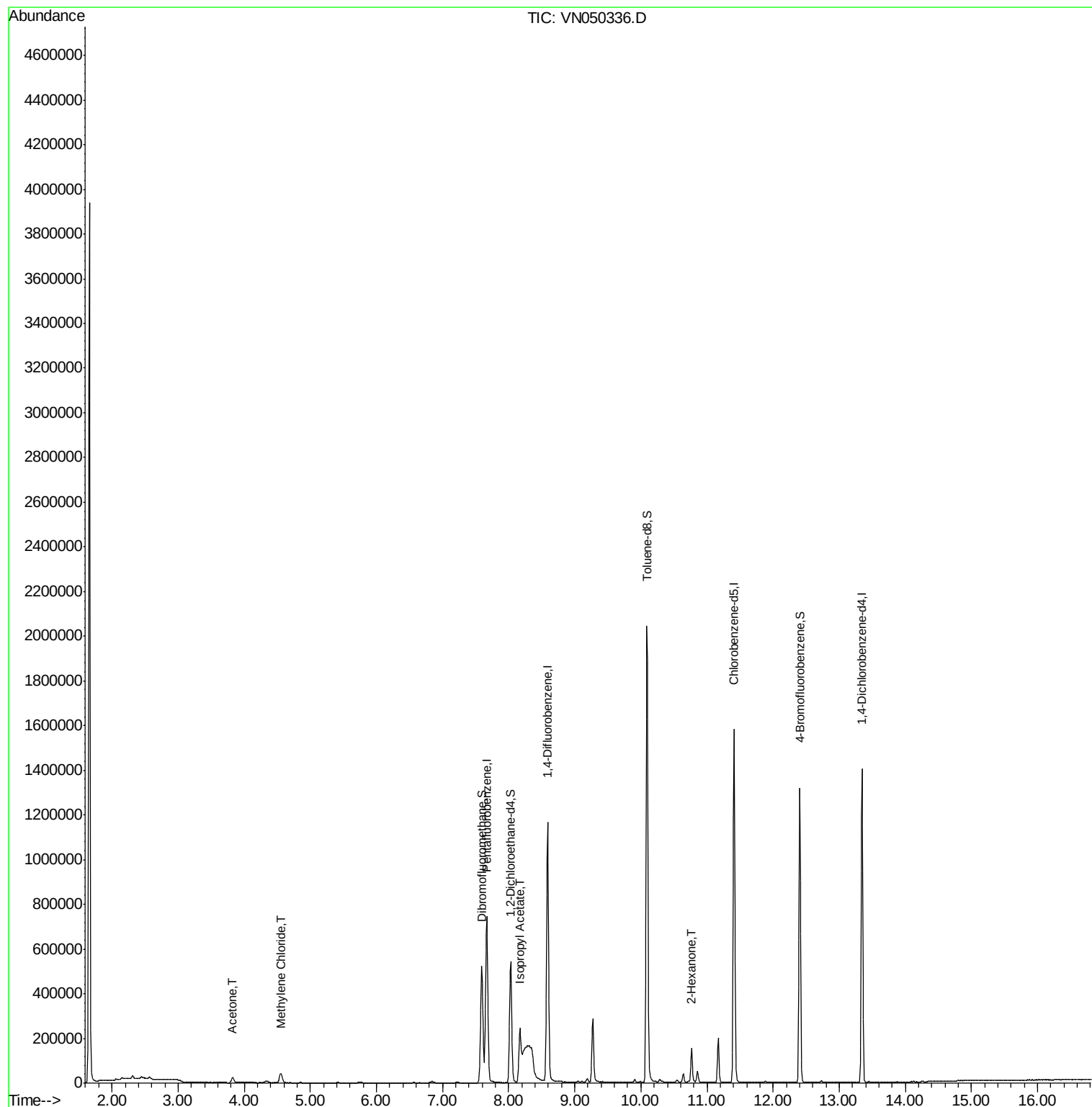
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	636050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1072803	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	942228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	385782	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	459358	51.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.52%	
35) Dibromofluoromethane	7.59	113	401018	45.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.56%	
50) Toluene-d8	10.09	98	1473535	45.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.52%	
62) 4-Bromofluorobenzene	12.40	95	430331	40.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.16%	
Target Compounds						
16) Acetone	3.83	43	41730	15.90	ug/l	97
20) Methylene Chloride	4.55	84	33876	3.13	ug/l	96
43) Isopropyl Acetate	8.17	43	307587	18.65	ug/l	93
59) 2-Hexanone	10.77	43	21304	8.60	ug/l #	57

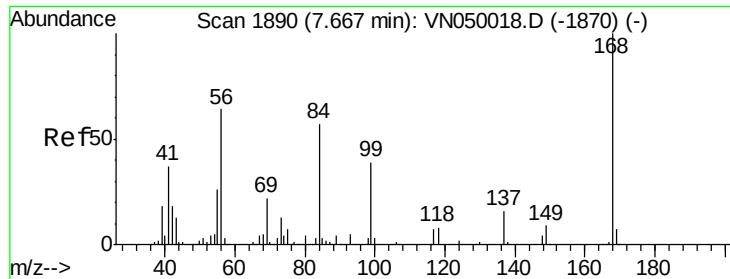
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050336.D

Acq: 4 Aug 2018 1:45

Instrument :

MSVOA_N

ClientSampleId :

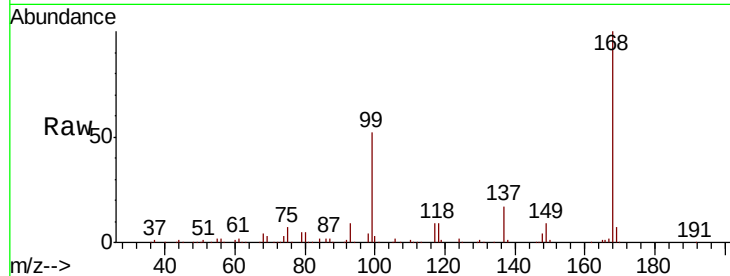
PB111719ZHE#16

Tot Ion:168 Resp: 636050

Ion Ratio Lower Upper

168 100

99 52.5 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

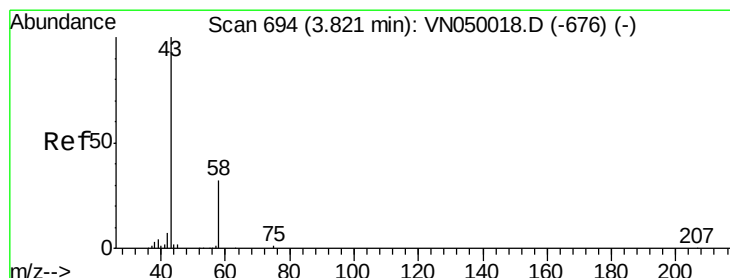
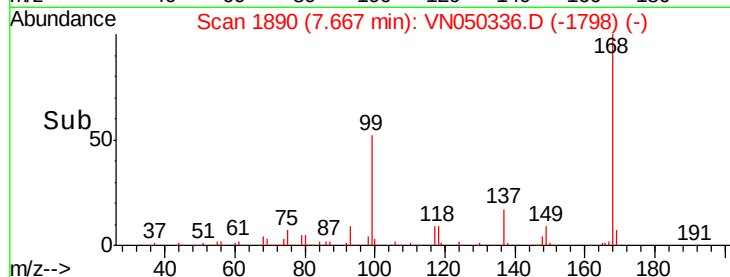
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#16

Acetone

Concen: 15.90 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN050336.D

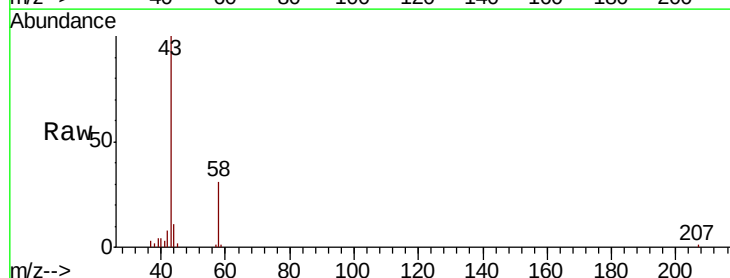
Acq: 4 Aug 2018 1:45

Tgt Ion: 43 Resp: 41730

Ion Ratio Lower Upper

43 100

58 30.7 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.83

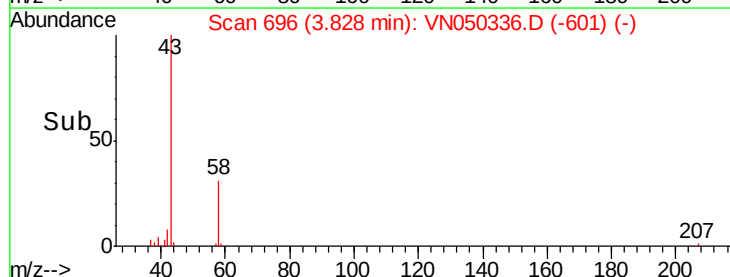
15000

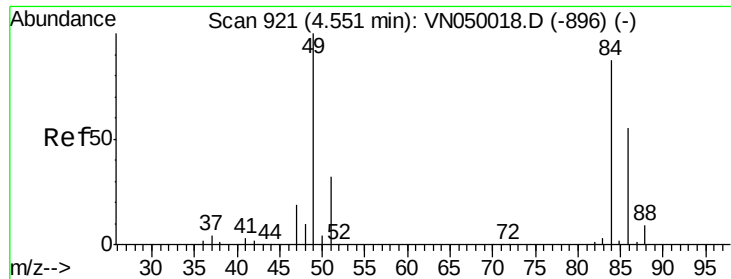
10000

5000

0

Time--> 3.70 3.80 3.90

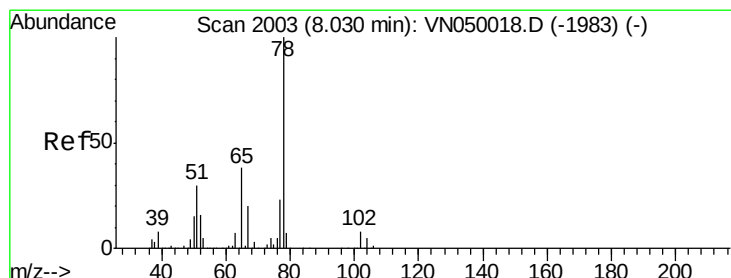
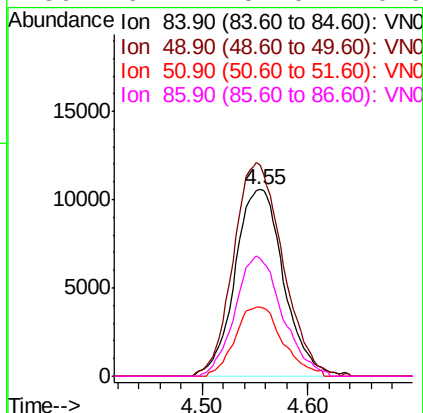
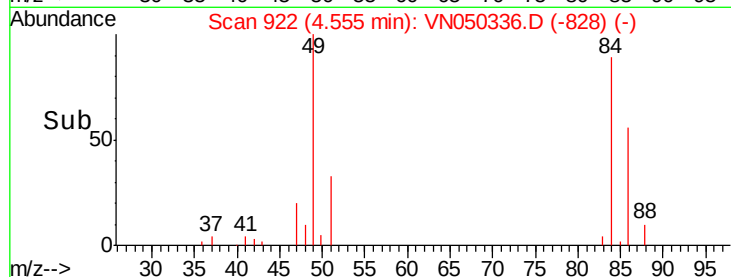
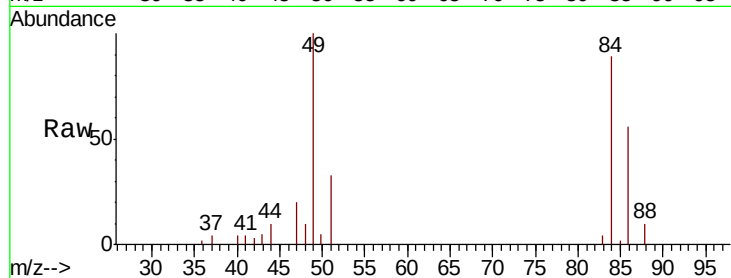




#20
Methylene Chloride
Concen: 3.13 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050336.D
Acq: 4 Aug 2018 1:45

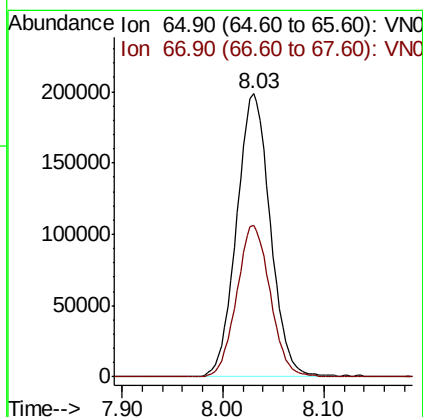
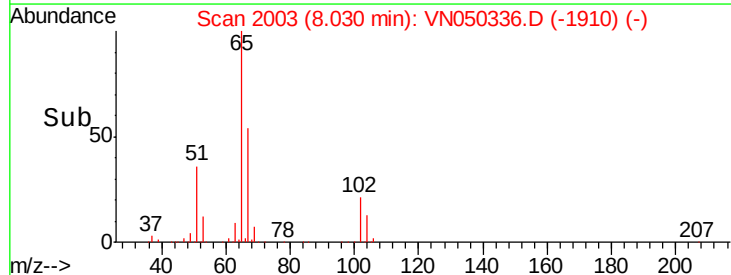
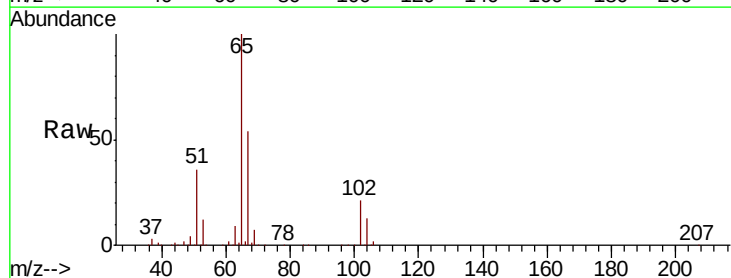
Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#16

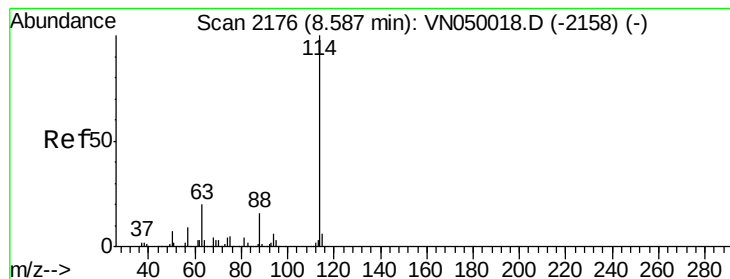
Tot Ion: 84 Resp: 33876
Ion Ratio Lower Upper
84 100
49 112.9 94.8 142.2
51 37.1 28.3 42.5
86 62.7 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 51.76 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050336.D
Acq: 4 Aug 2018 1:45

Tgt Ion: 65 Resp: 459358
Ion Ratio Lower Upper
65 100
67 53.3 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050336.D

Acq: 4 Aug 2018 1:45

Instrument :

MSVOA_N

ClientSampleId :

PB111719ZHE#16

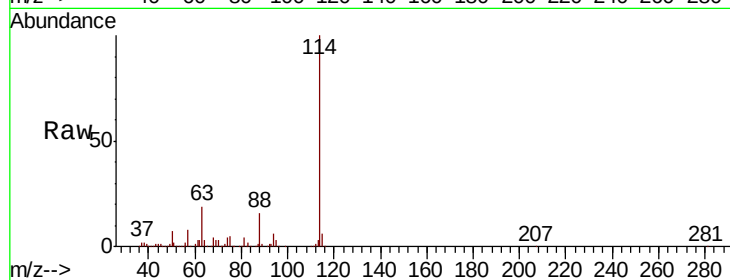
Tot Ion:114 Resp: 1072803

Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.0

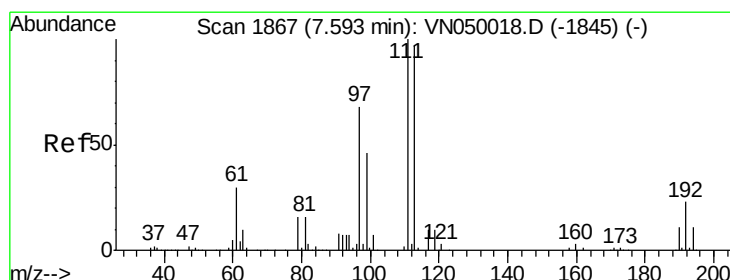
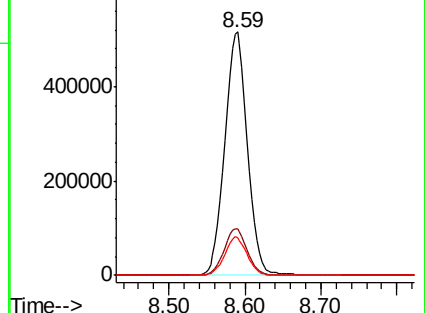
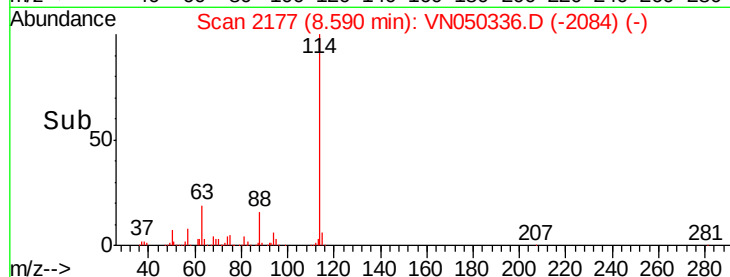
88 15.6 0.0 31.2



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: 45.78 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN050336.D

Acq: 4 Aug 2018 1:45

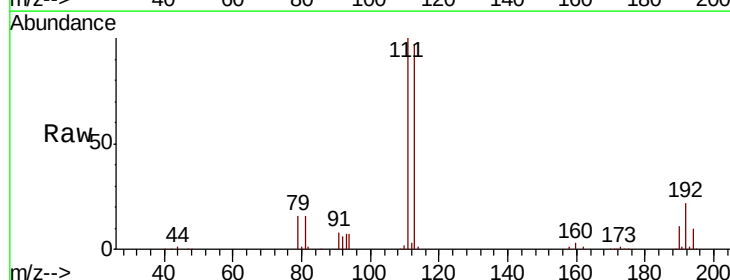
Tgt Ion:113 Resp: 401018

Ion Ratio Lower Upper

113 100

111 101.6 80.7 121.1

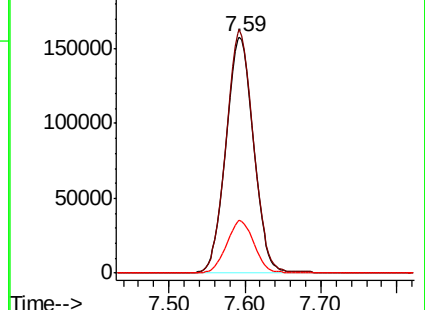
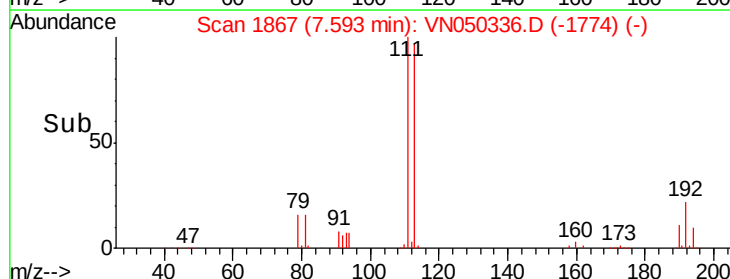
192 22.0 17.8 26.6

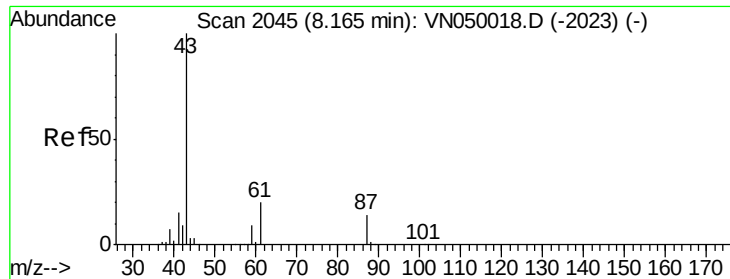


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 18.65 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050336.D

Acq: 4 Aug 2018 1:45

Instrument :

MSVOA_N

ClientSampleId :

PB111719ZHE#16

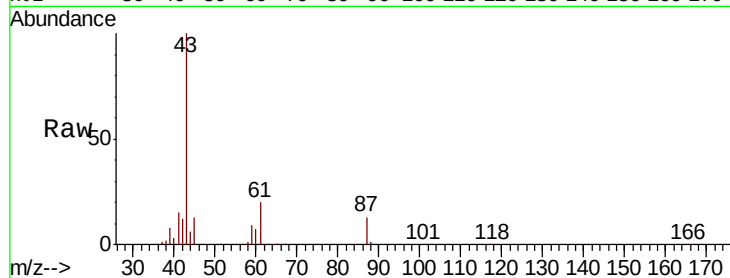
Tot Ion: 43 Resp: 307587

Ion Ratio Lower Upper

43 100

61 16.1 15.8 23.6

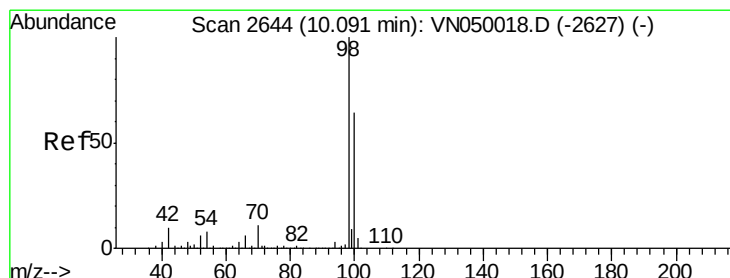
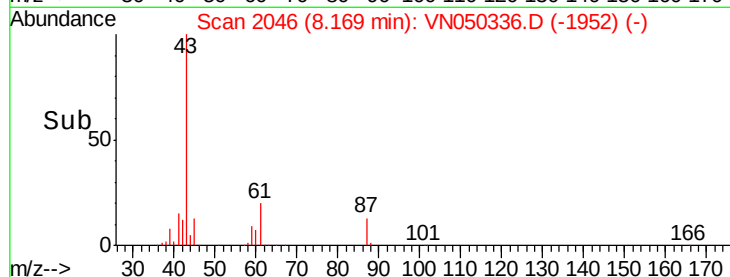
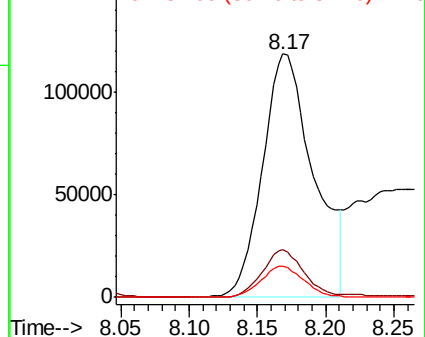
87 10.8 10.3 15.5



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: 45.76 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050336.D

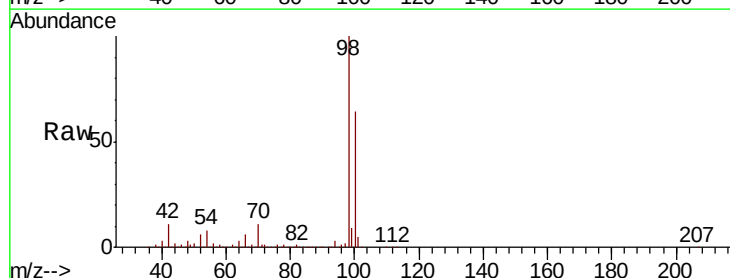
Acq: 4 Aug 2018 1:45

Tgt Ion: 98 Resp: 1473535

Ion Ratio Lower Upper

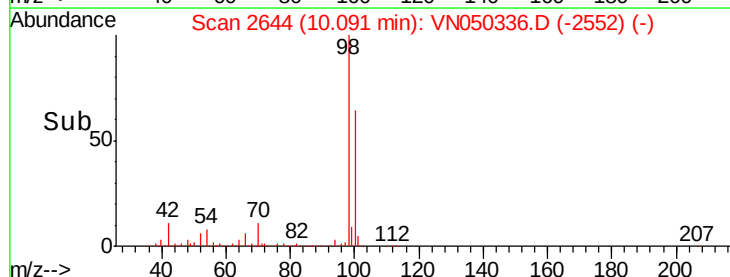
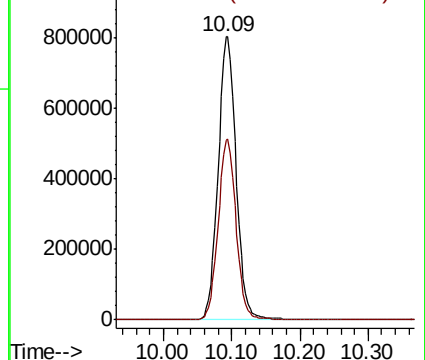
98 100

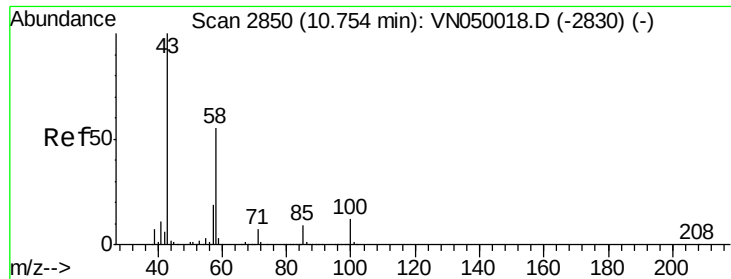
100 63.6 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#59

2-Hexanone

Concen: 8.60 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050336.D

Acq: 4 Aug 2018 1:45

Instrument :

MSVOA_N

ClientSampleId :

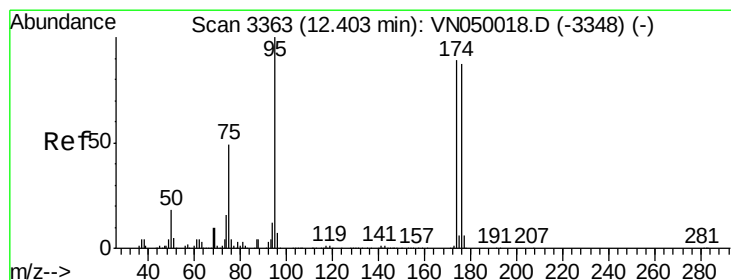
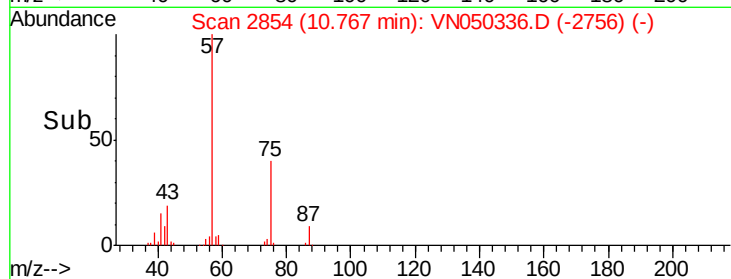
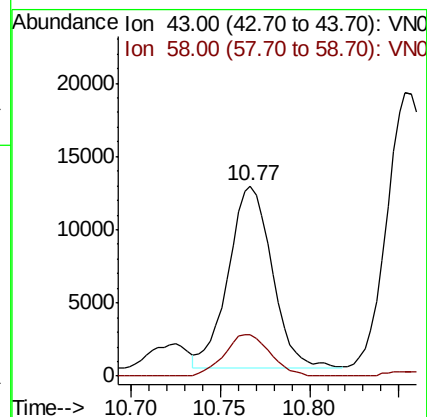
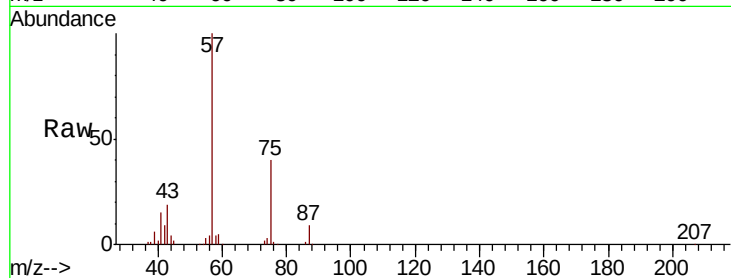
PB111719ZHE#16

Tot Ion: 43 Resp: 21304

Ion Ratio Lower Upper

43 100

58 23.6 27.6 82.7#



#62

4-Bromofluorobenzene

Concen: 40.58 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050336.D

Acq: 4 Aug 2018 1:45

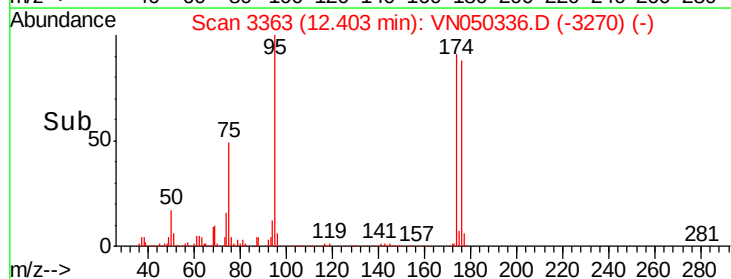
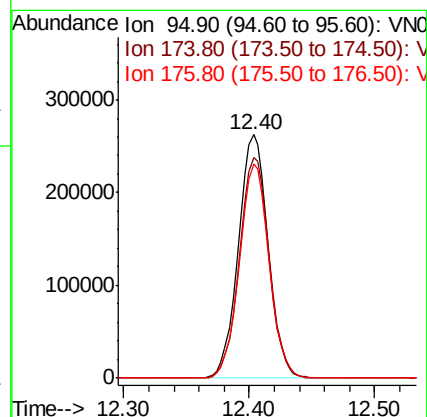
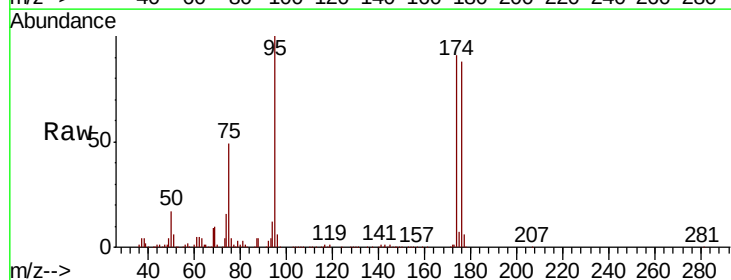
Tgt Ion: 95 Resp: 430331

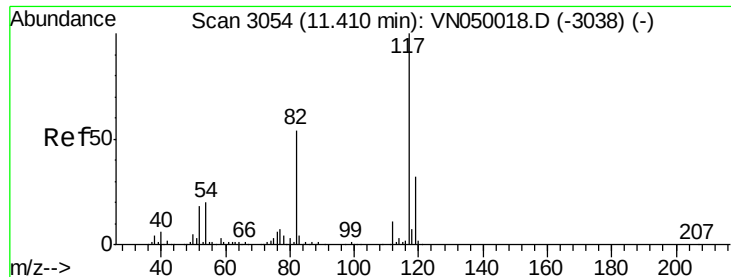
Ion Ratio Lower Upper

95 100

174 91.3 0.0 178.2

176 87.6 0.0 173.4

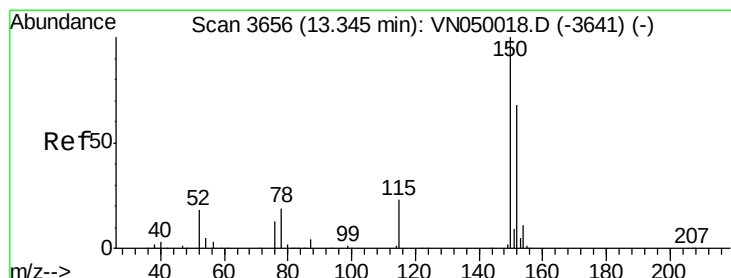
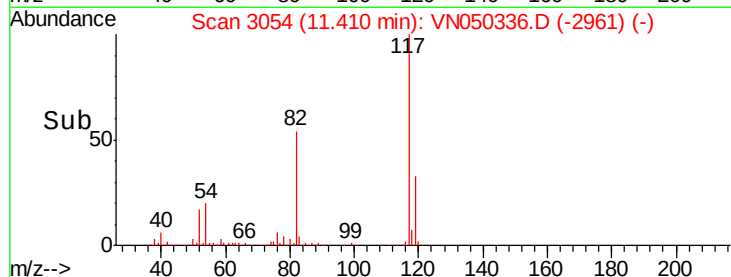
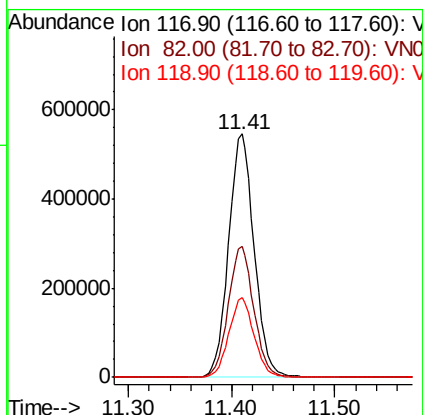
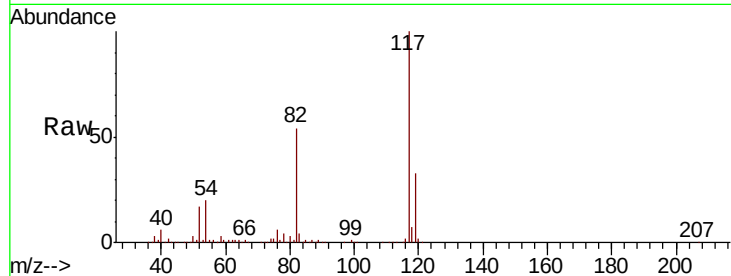




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050336.D
Acq: 4 Aug 2018 1:45

Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#16

Tot Ion:117 Resp: 942228
Ion Ratio Lower Upper
117 100
82 53.6 43.7 65.5
119 32.9 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050336.D
Acq: 4 Aug 2018 1:45

Tgt Ion:152 Resp: 385782
Ion Ratio Lower Upper
152 100
115 55.9 27.8 83.3
150 158.5 0.0 348.6

