

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121218\
 Data File : VN052838.D
 Acq On : 12 Dec 2018 20:13
 Operator : MD\SY
 Sample : PB115564ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115564ZHE#02

Quant Time: Dec 13 04:41:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

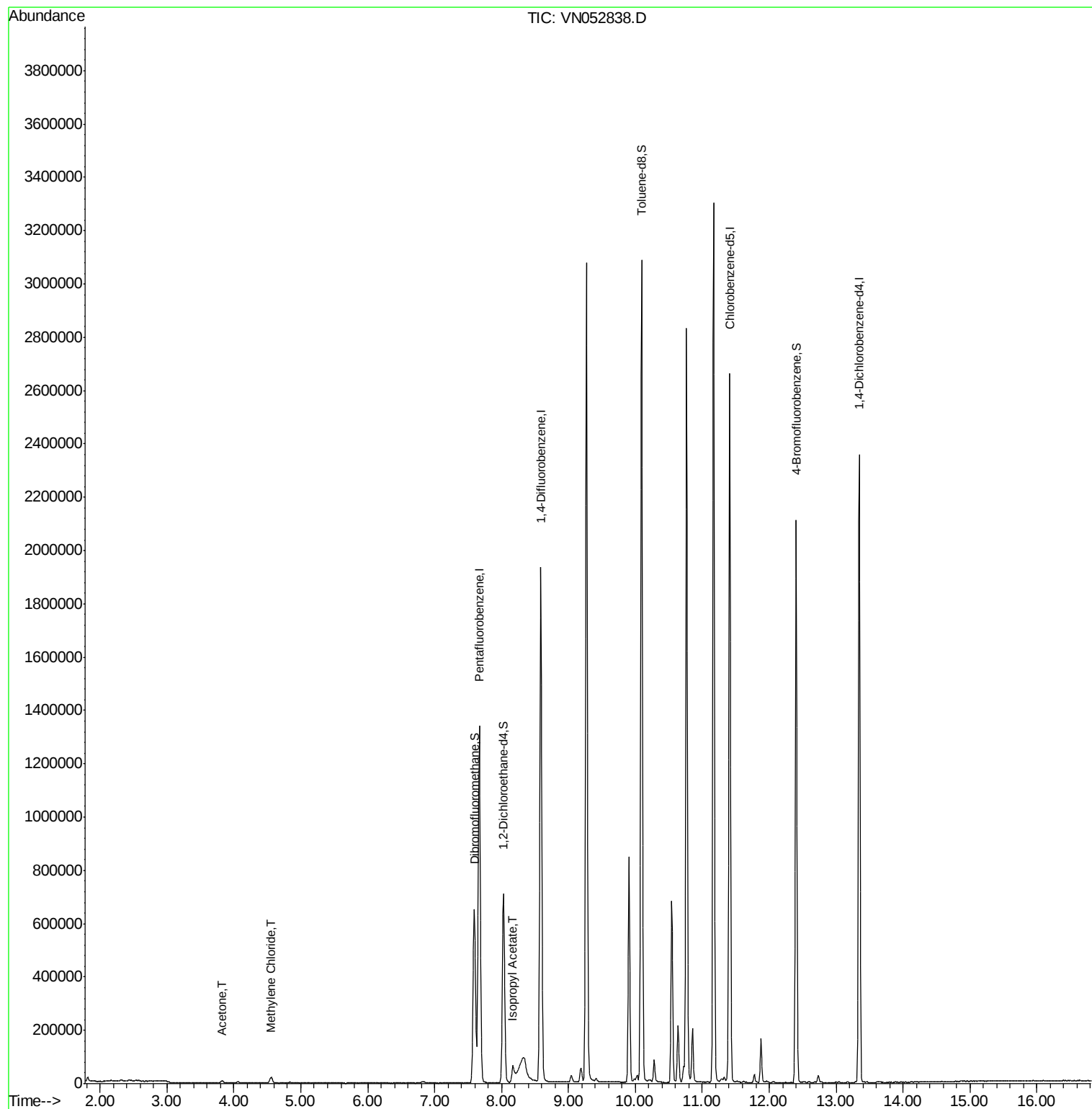
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1155365	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1799629	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1612292	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	667208	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	608734	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.10%	
35) Dibromofluoromethane	7.59	113	512686	51.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.08%	
50) Toluene-d8	10.09	98	2209695	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.46%	
62) 4-Bromofluorobenzene	12.40	95	724596	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
Target Compounds						
16) Acetone	3.82	43	16480	5.973	ug/l	94
20) Methylene Chloride	4.55	84	15883	1.279	ug/l	96
43) Isopropyl Acetate	8.17	43	78248	3.833	ug/l #	78

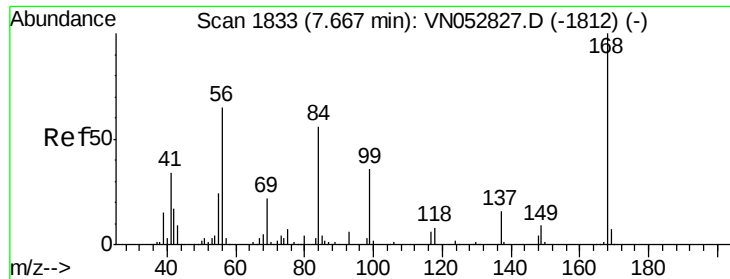
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121218\
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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: VN052838.D

Acq: 12 Dec 2018 20:13

Instrument :

MSVOA_N

ClientSampleId :

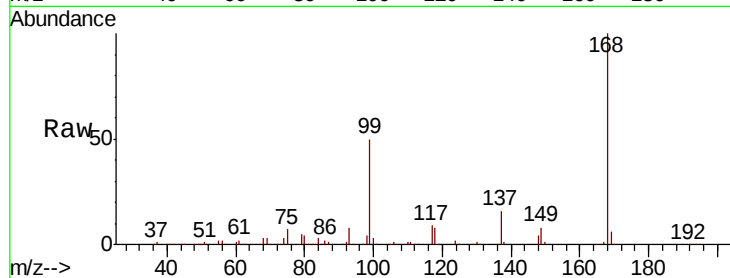
PB115564ZHE#02

Tot Ion:168 Resp: 1155365

Ion Ratio Lower Upper

168 100

99 50.3 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN052827.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN052827.D (-1812) (-)

7.67

500000

400000

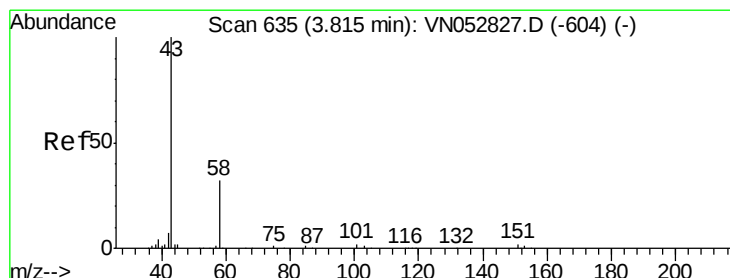
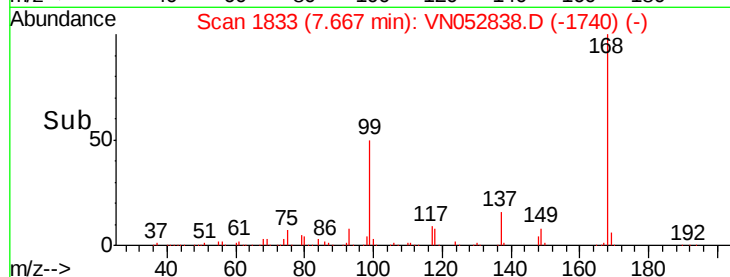
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 5.973 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052838.D

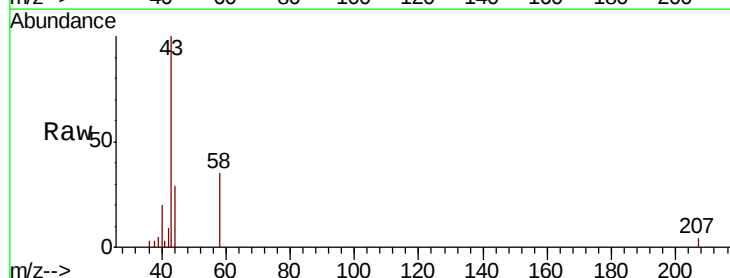
Acq: 12 Dec 2018 20:13

Tgt Ion: 43 Resp: 16480

Ion Ratio Lower Upper

43 100

58 34.9 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN052827.D (-604) (-)

Ion 58.00 (57.70 to 58.70): VN052827.D (-604) (-)

3.82

6000

5000

4000

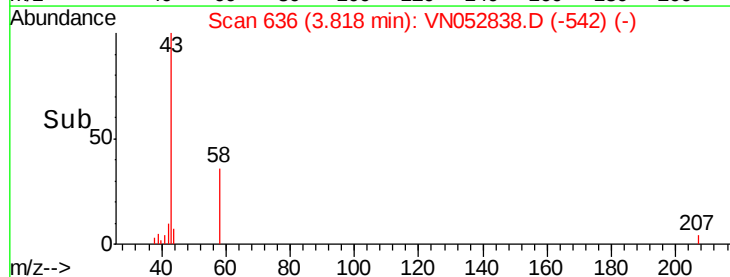
3000

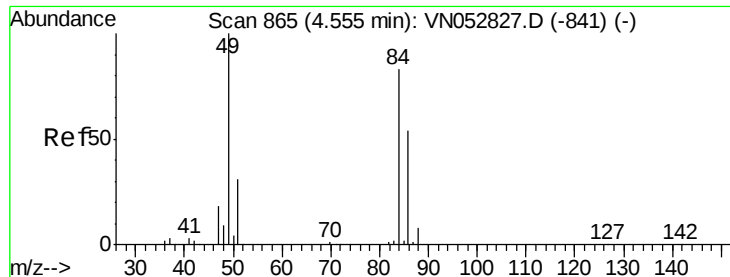
2000

1000

0

Time--> 3.70 3.80 3.90

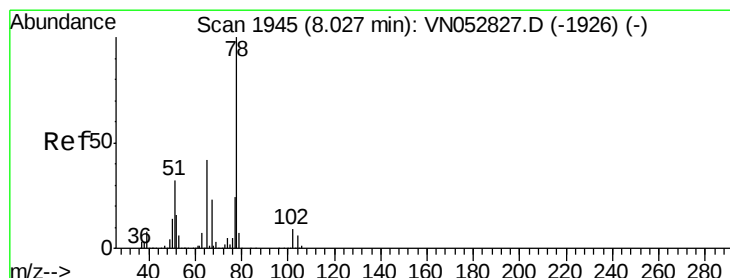
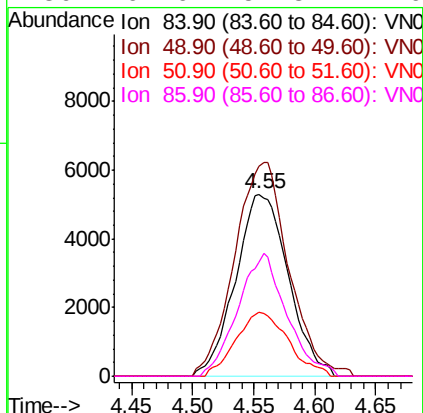
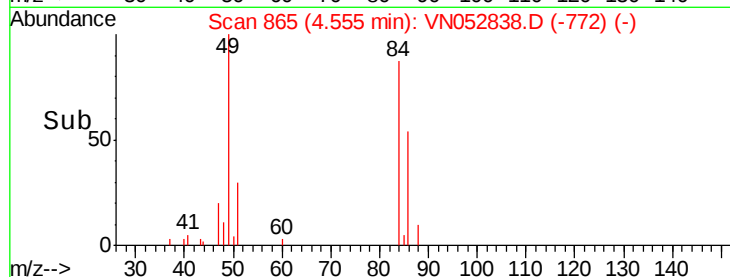
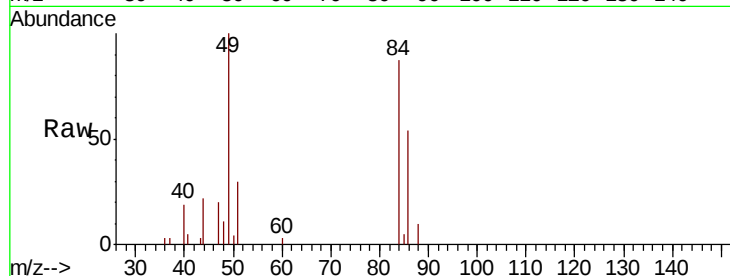




#20
Methvlene Chloride
Concen: 1.279 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN052838.D
Acq: 12 Dec 2018 20:13

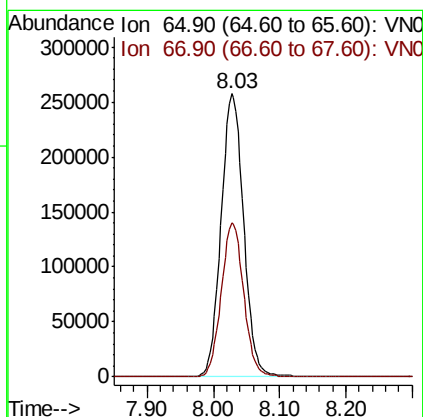
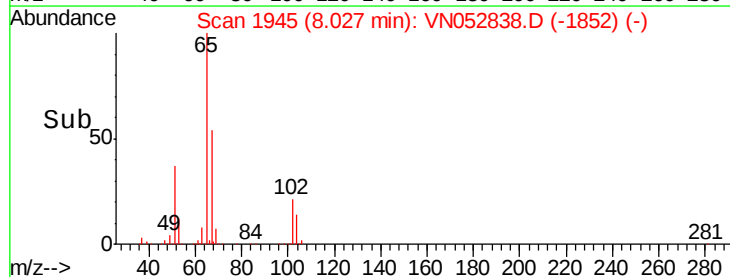
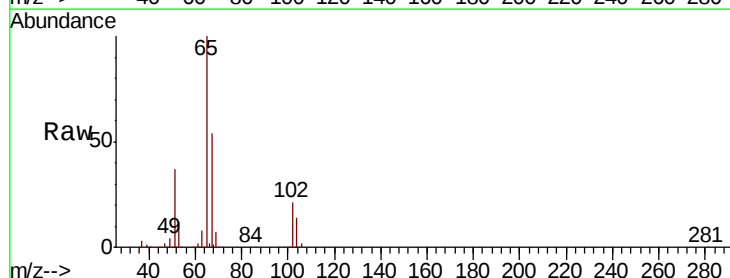
Instrument :
MSVOA_N
ClientSampleId :
PB115564ZHE#02

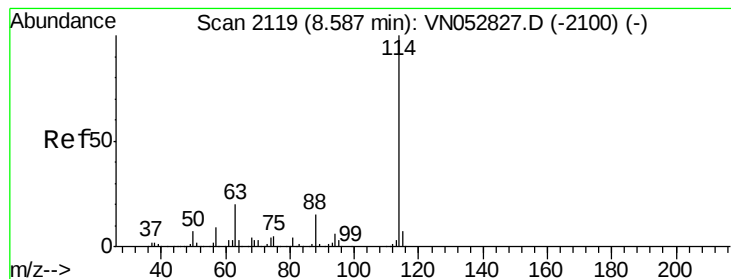
Tot Ion: 84 Resp: 15883
Ion Ratio Lower Upper
84 100
49 115.3 96.8 145.2
51 35.0 29.9 44.9
86 62.6 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052838.D
Acq: 12 Dec 2018 20:13

Tgt Ion: 65 Resp: 608734
Ion Ratio Lower Upper
65 100
67 54.2 0.0 110.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN052838.D

Acq: 12 Dec 2018 20:13

Instrument :

MSVOA_N

ClientSampleId :

PB115564ZHE#02

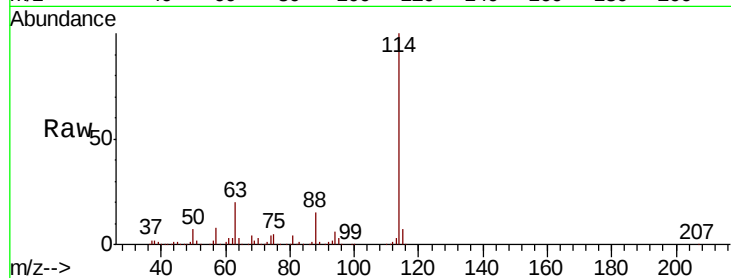
Tot Ion:114 Resp: 1799629

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.8

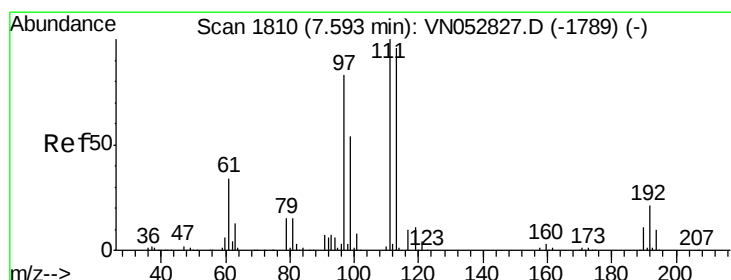
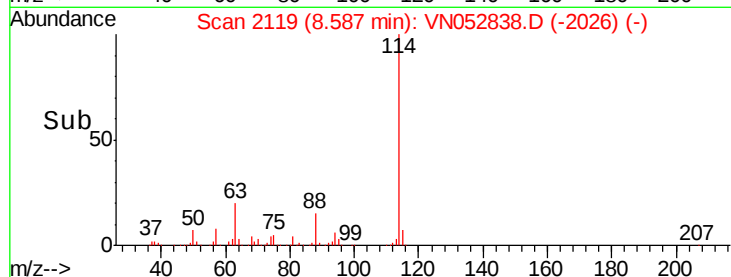
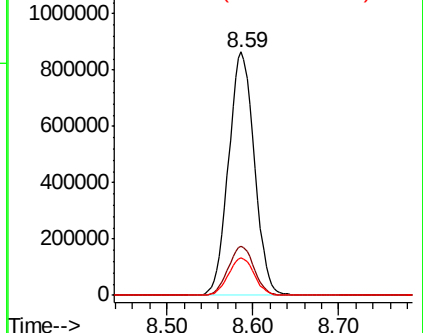
88 15.3 0.0 31.0



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: VN052838.D

Acq: 12 Dec 2018 20:13

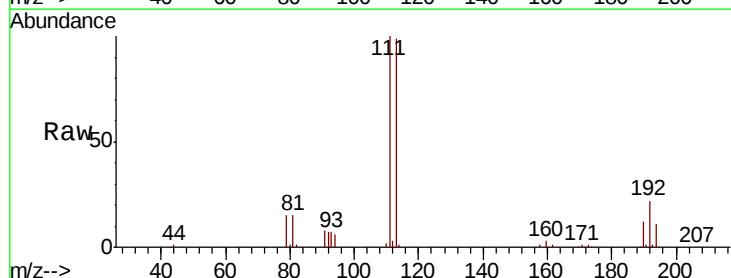
Tgt Ion:113 Resp: 512686

Ion Ratio Lower Upper

113 100

111 101.9 83.0 124.4

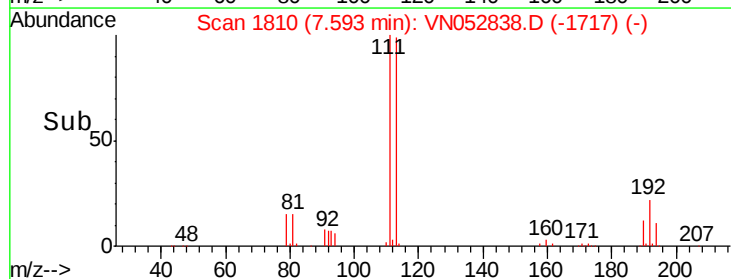
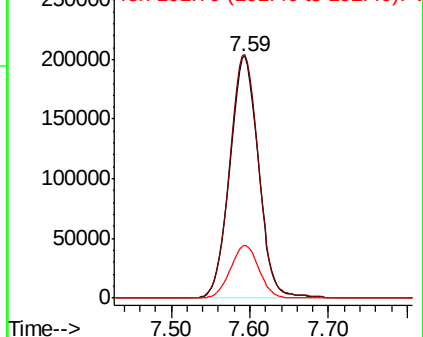
192 21.8 17.5 26.3

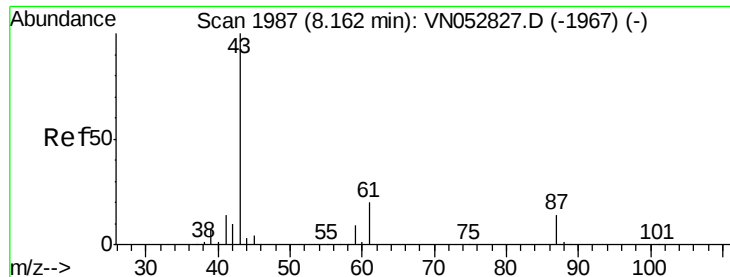


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.833 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052838.D

Acq: 12 Dec 2018 20:13

Instrument :

MSVOA_N

ClientSampleId :

PB115564ZHE#02

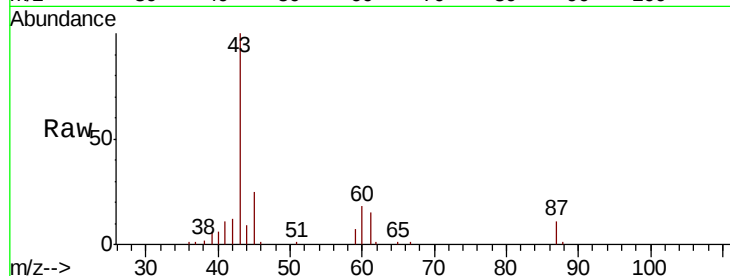
Tot Ion: 43 Resp: 78248

Ion Ratio Lower Upper

43 100

61 14.1 22.9 34.3#

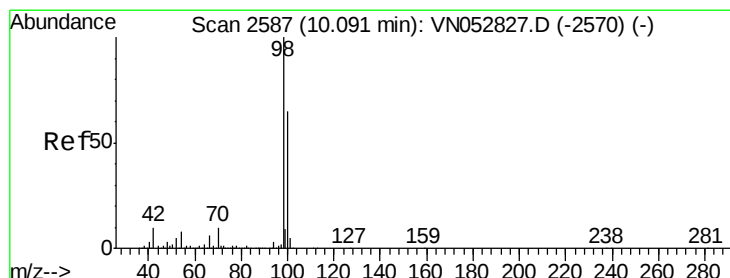
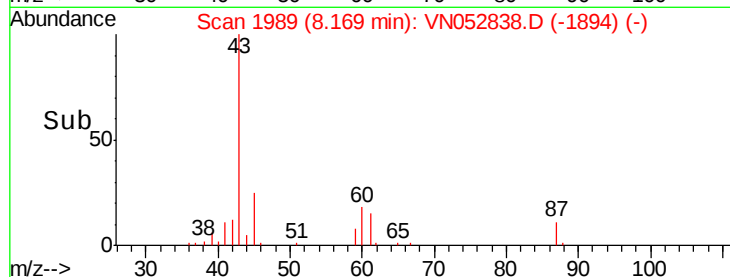
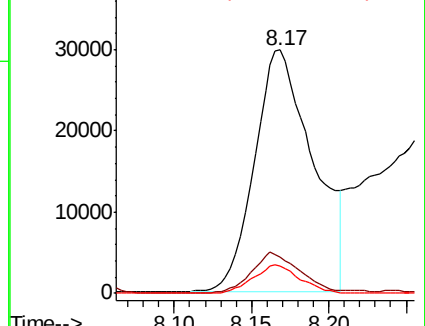
87 9.3 10.6 15.8#



Abundance Ion 43.00 (42.70 to 43.70): VN052827.D (-1967) (-)

Ion 61.00 (60.70 to 61.70): VN052827.D (-1967) (-)

Ion 87.00 (86.70 to 87.70): VN052827.D (-1967) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052838.D

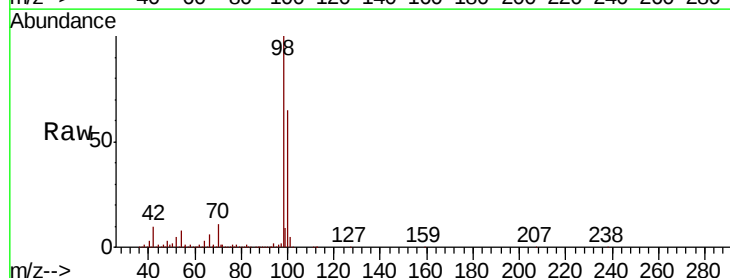
Acq: 12 Dec 2018 20:13

Tgt Ion: 98 Resp: 2209695

Ion Ratio Lower Upper

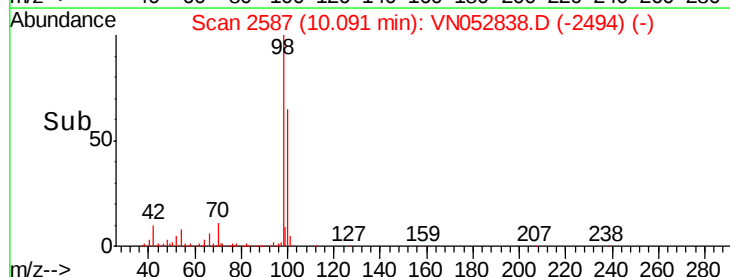
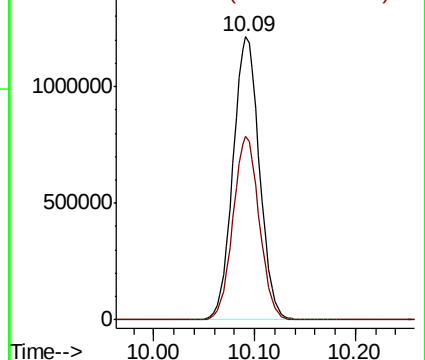
98 100

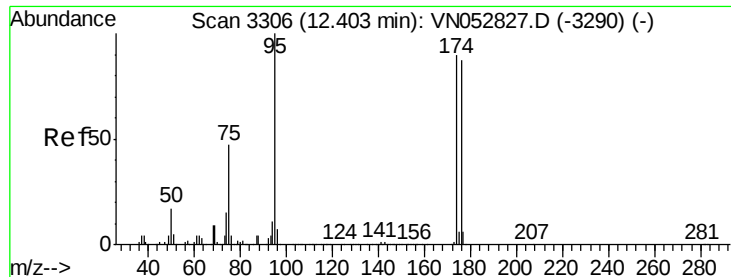
100 64.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN052827.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052827.D (-2570) (-)

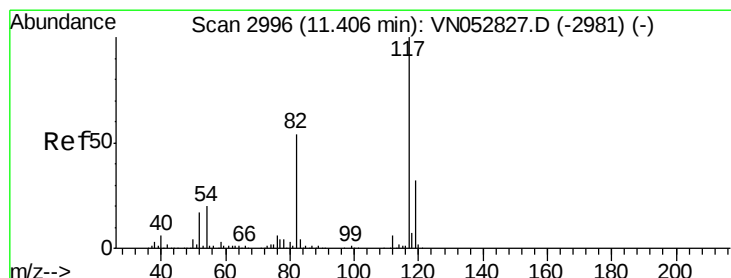
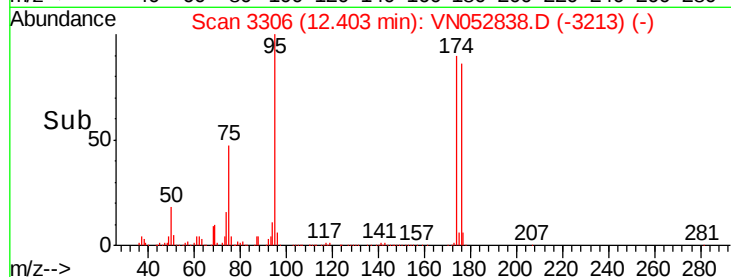
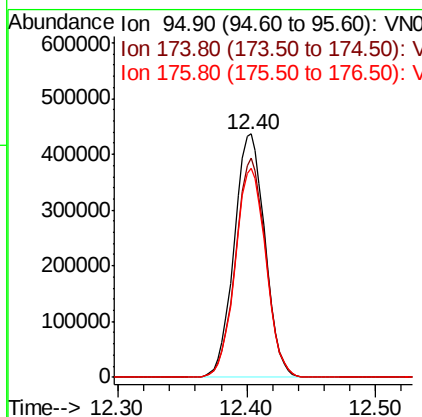
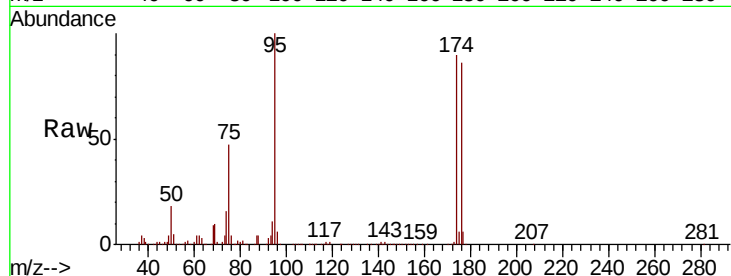




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.00 min
Lab File: VN052838.D
Acq: 12 Dec 2018 20:13

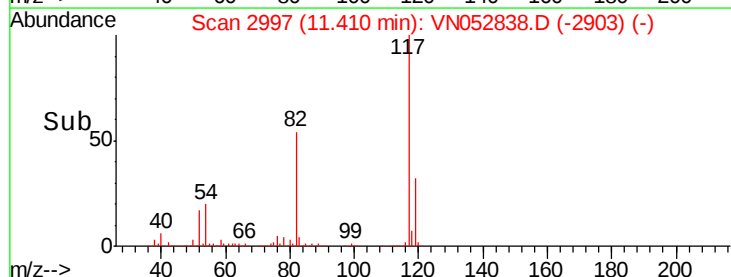
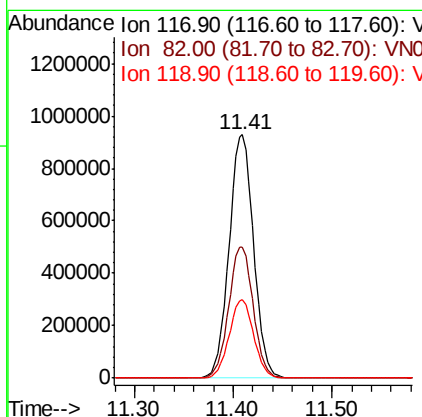
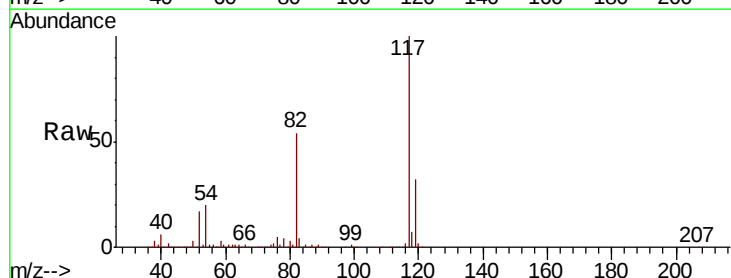
Instrument :
MSVOA_N
ClientSampleId :
PB115564ZHE#02

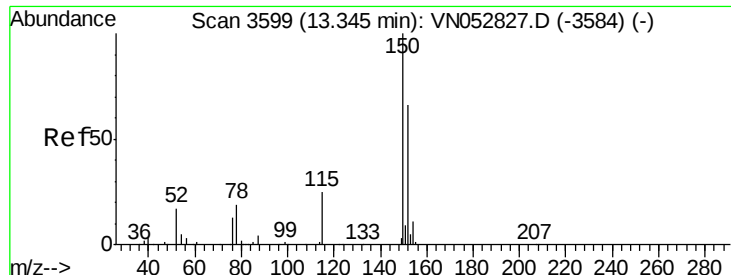
Tot Ion: 95 Resp: 724596
Ion Ratio Lower Upper
95 100
174 88.5 0.0 178.8
176 85.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052838.D
Acq: 12 Dec 2018 20:13

Tgt Ion: 117 Resp: 1612292
Ion Ratio Lower Upper
117 100
82 53.8 42.8 64.2
119 32.1 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN052838.D

Acq: 12 Dec 2018 20:13

Instrument :

MSVOA_N

ClientSampleId :

PB115564ZHE#02

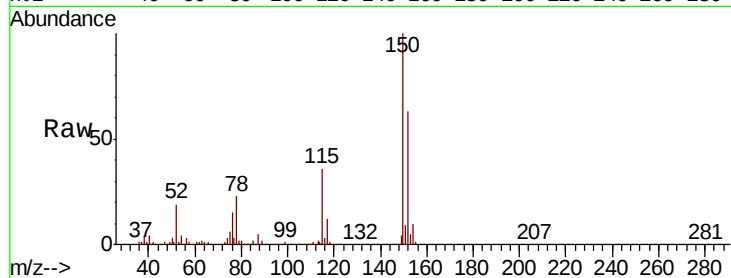
Tot Ion:152 Resp: 667208

Ion Ratio Lower Upper

152 100

115 56.8 28.3 85.0

150 156.5 0.0 347.8



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

