

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121118\
 Data File : VN052808.D
 Acq On : 11 Dec 2018 17:56
 Operator : MD\SY
 Sample : PB115504ZHE#13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115504ZHE#13

Quant Time: Dec 12 02:24:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

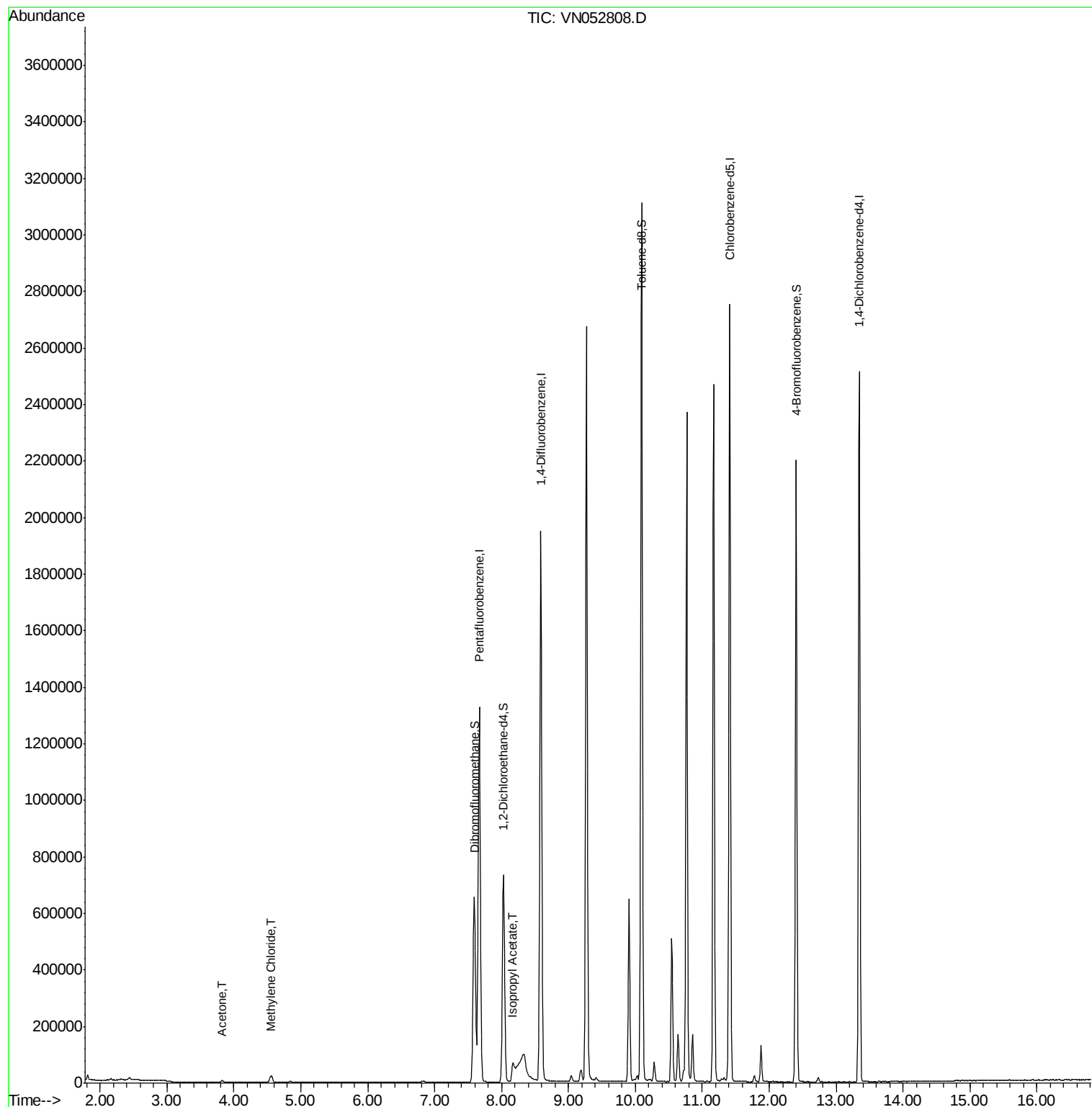
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1155075	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1810667	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1665411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	706849	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	614703	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	
35) Dibromofluoromethane	7.59	113	515114	46.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.30%	
50) Toluene-d8	10.09	98	2234304	51.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.84%	
62) 4-Bromofluorobenzene	12.40	95	753167	51.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.16%	
Target Compounds						
16) Acetone	3.82	43	11462	3.455	ug/l	93
20) Methylene Chloride	4.55	84	17930	1.381	ug/l	92
43) Isopropyl Acetate	8.17	43	98551	5.581	ug/l #	69

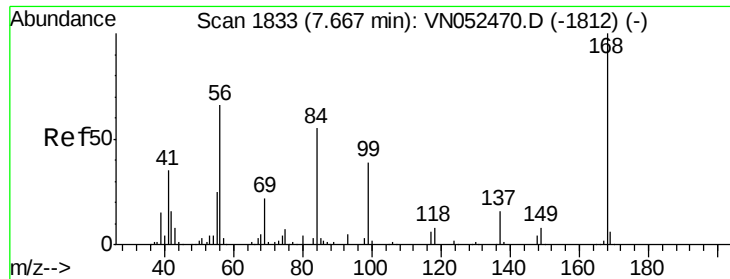
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121118\
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QLast Update : Mon Dec 03 03:24:02 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: VN052808.D

Acq: 11 Dec 2018 17:56

Instrument :

MSVOA_N

ClientSampleId :

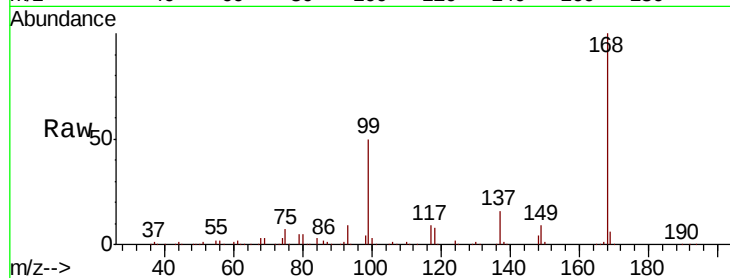
PB115504ZHE#13

Tot Ion:168 Resp: 1155075

Ion Ratio Lower Upper

168 100

99 50.4 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

500000

400000

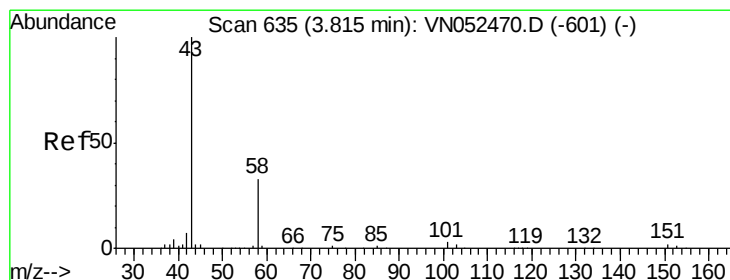
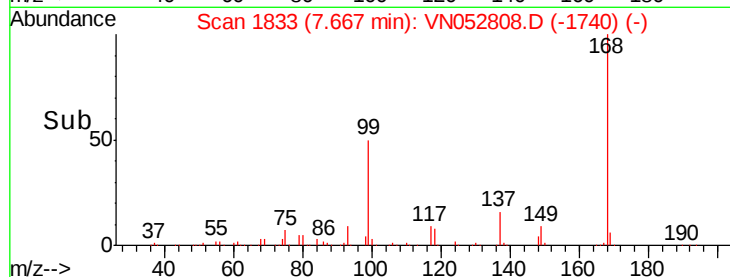
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 3.455 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN052808.D

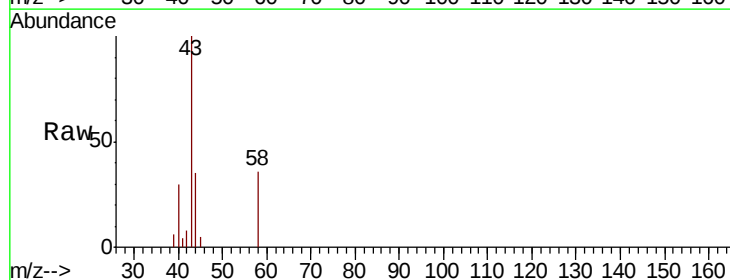
Acq: 11 Dec 2018 17:56

Tgt Ion: 43 Resp: 11462

Ion Ratio Lower Upper

43 100

58 36.2 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

5000

4000

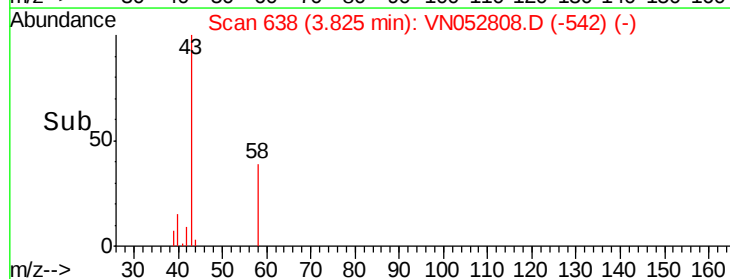
3000

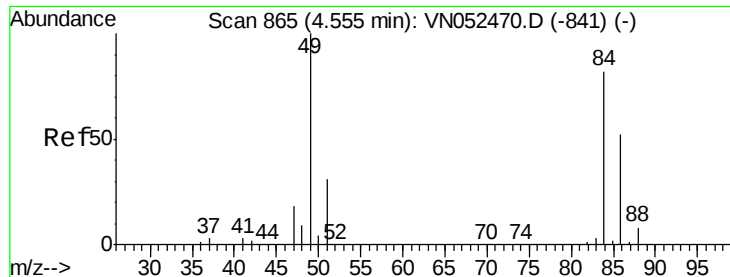
2000

1000

0

Time-->

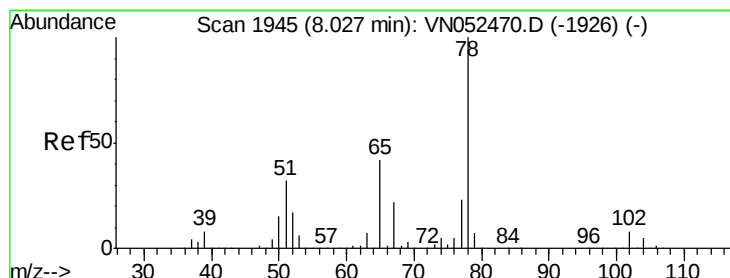
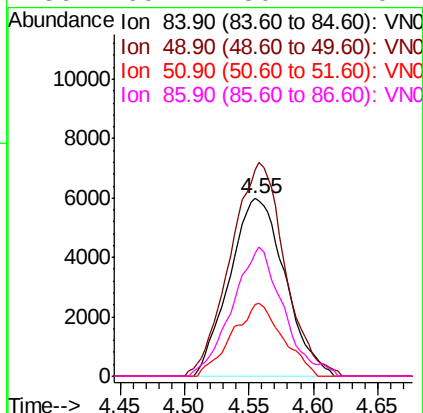
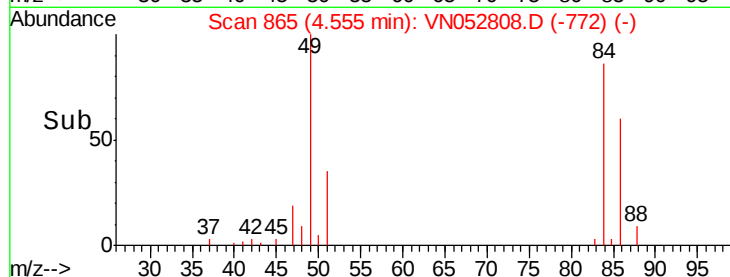
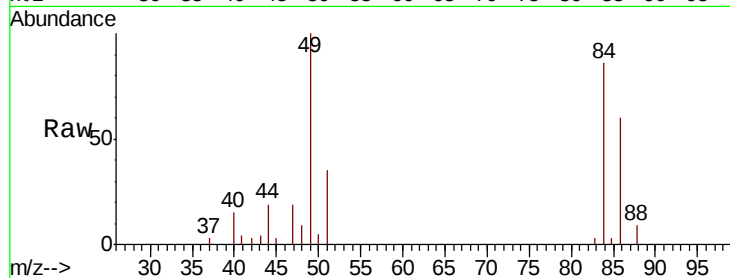




#20
Methvlene Chloride
Concen: 1.381 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052808.D
Acq: 11 Dec 2018 17:56

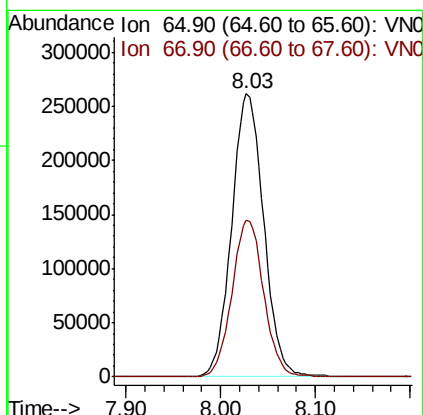
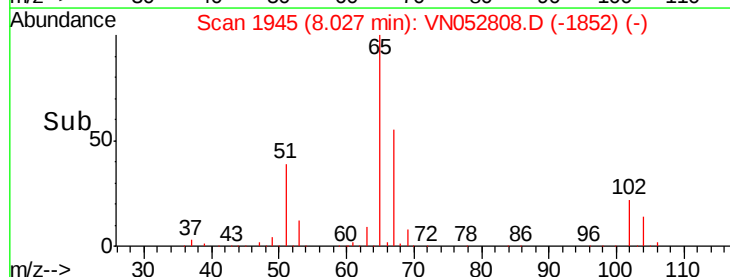
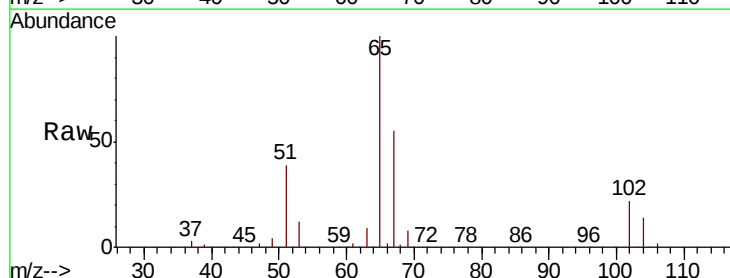
Instrument :
MSVOA_N
ClientSampleId :
PB115504ZHE#13

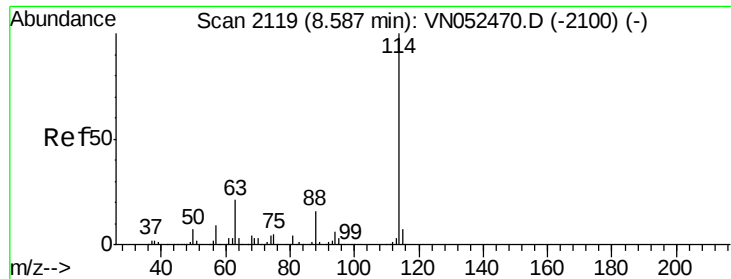
Tot Ion: 84 Resp: 17930
Ion Ratio Lower Upper
84 100
49 112.9 98.0 147.0
51 40.6 30.1 45.1
86 69.2 50.7 76.1



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052808.D
Acq: 11 Dec 2018 17:56

Tgt Ion: 65 Resp: 614703
Ion Ratio Lower Upper
65 100
67 54.9 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: VN052808.D

Acq: 11 Dec 2018 17:56

Instrument :

MSVOA_N

ClientSampleId :

PB115504ZHE#13

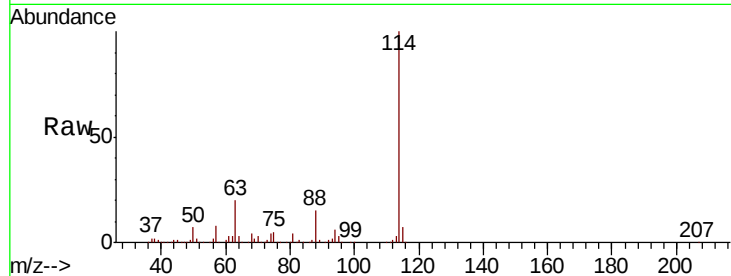
Tot Ion:114 Resp: 1810667

Ion Ratio Lower Upper

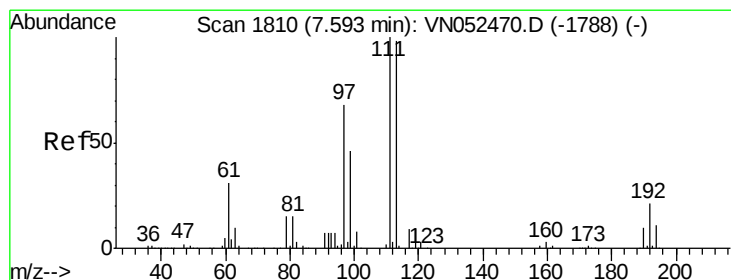
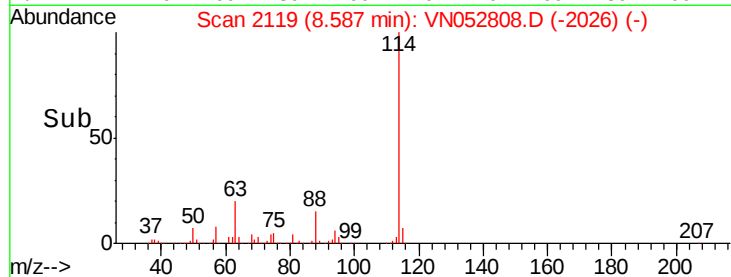
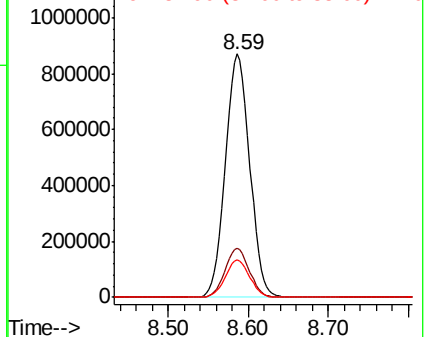
114 100

63 20.3 0.0 41.8

88 15.3 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: VN052808.D

Acq: 11 Dec 2018 17:56

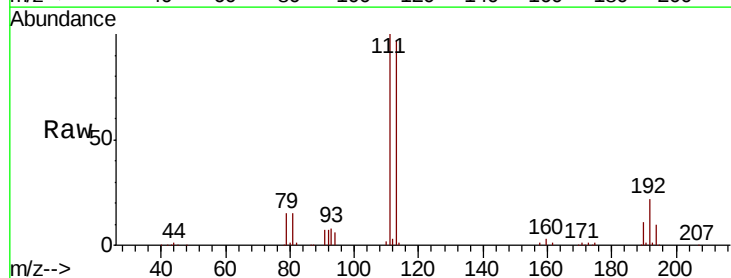
Tgt Ion:113 Resp: 515114

Ion Ratio Lower Upper

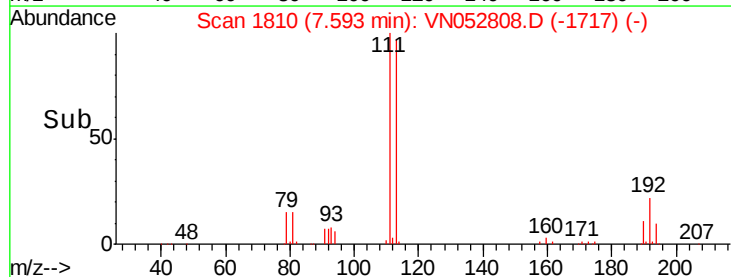
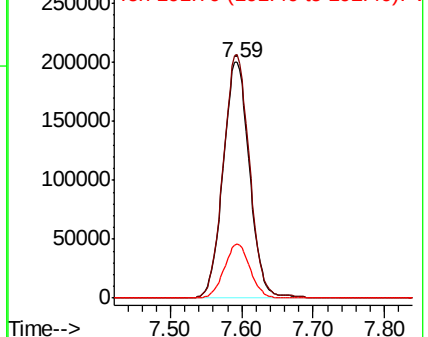
113 100

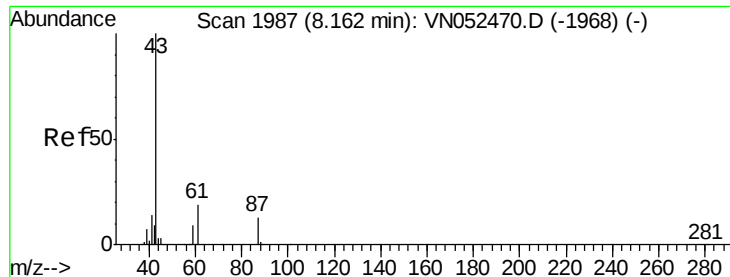
111 102.7 82.0 123.0

192 22.4 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: 5.581 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052808.D

Acq: 11 Dec 2018 17:56

Instrument :

MSVOA_N

ClientSampleId :

PB115504ZHE#13

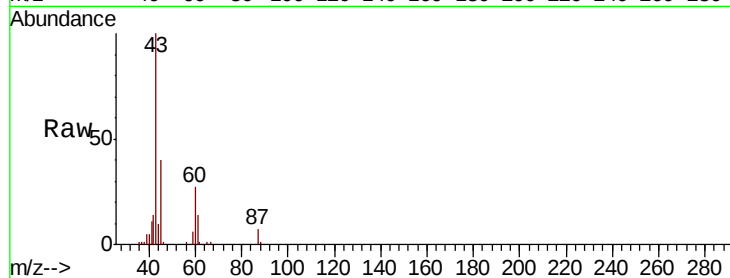
Tot Ion: 43 Resp: 98551

Ion Ratio Lower Upper

43 100

61 10.0 24.1 36.1#

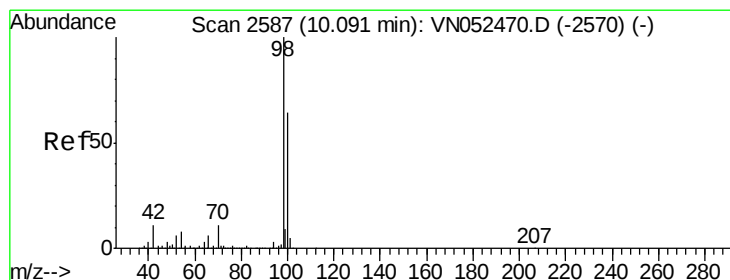
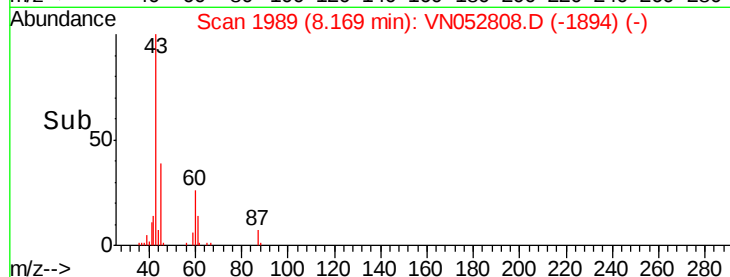
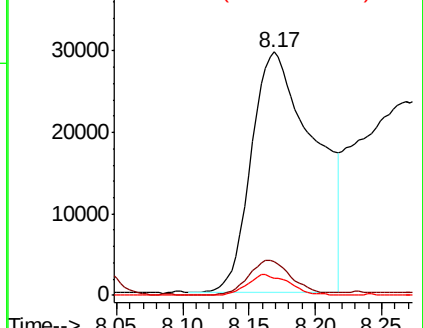
87 5.7 10.6 15.8#



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: VN052808.D

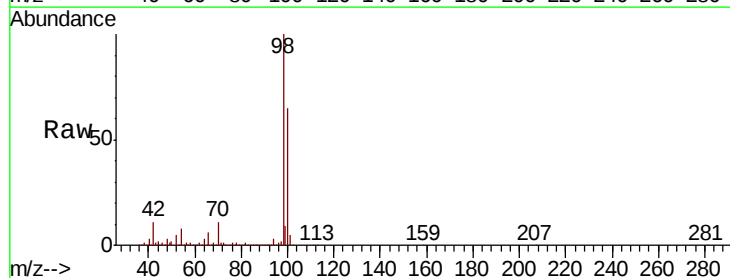
Acq: 11 Dec 2018 17:56

Tgt Ion: 98 Resp: 2234304

Ion Ratio Lower Upper

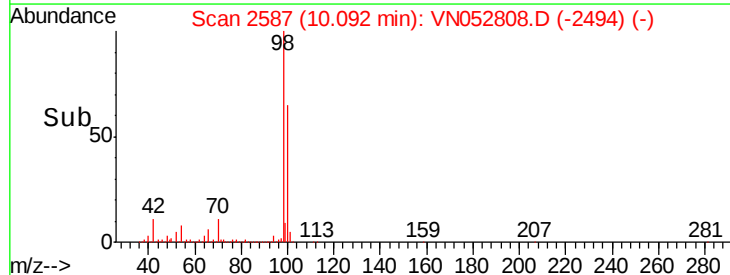
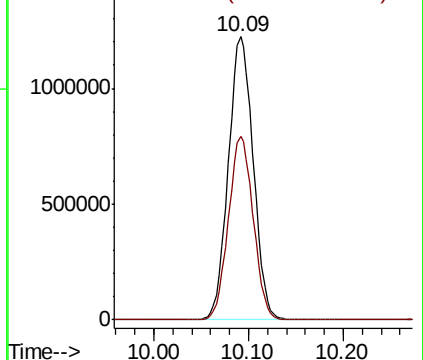
98 100

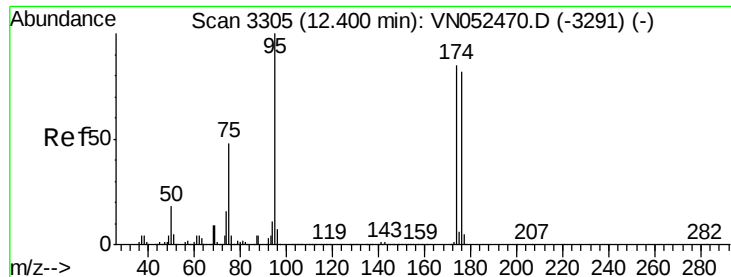
100 64.6 51.3 76.9



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: VN052808.D

Acq: 11 Dec 2018 17:56

Instrument :

MSVOA_N

ClientSampleId :

PB115504ZHE#13

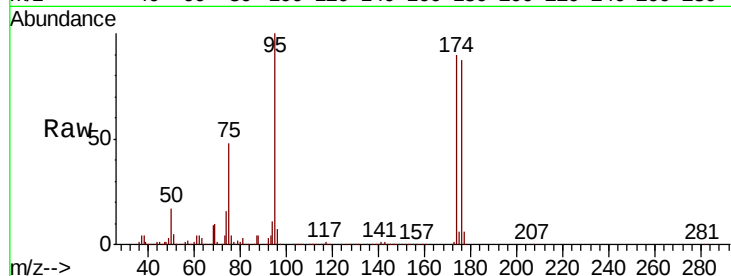
Tot Ion: 95 Resp: 753167

Ion Ratio Lower Upper

95 100

174 89.3 0.0 173.0

176 87.0 0.0 166.2



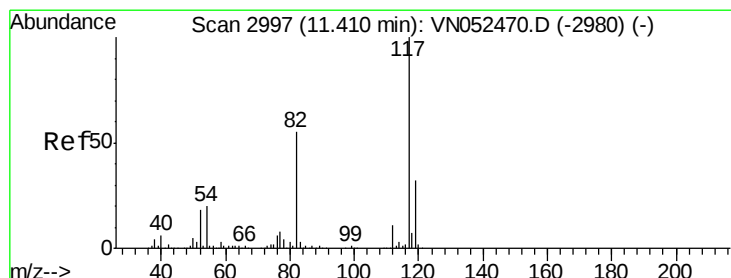
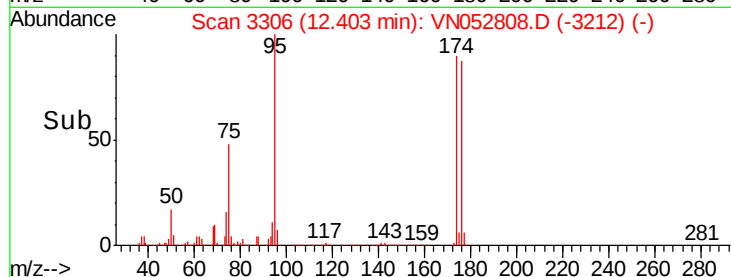
Abundance Ion 94.90 (94.60 to 95.60): VN052808.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN052808.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN052808.D (-3291) (-)

12.40

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN052808.D

Acq: 11 Dec 2018 17:56

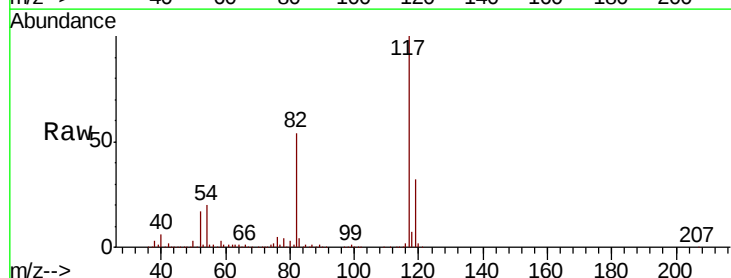
Tgt Ion: 117 Resp: 1665411

Ion Ratio Lower Upper

117 100

82 53.7 43.6 65.4

119 32.3 25.4 38.2



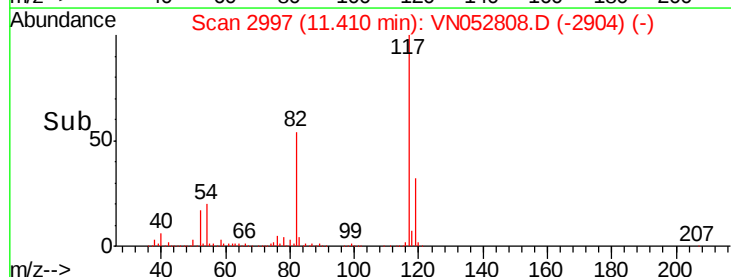
Abundance Ion 116.90 (116.60 to 117.60): VN052808.D (-2904) (-)

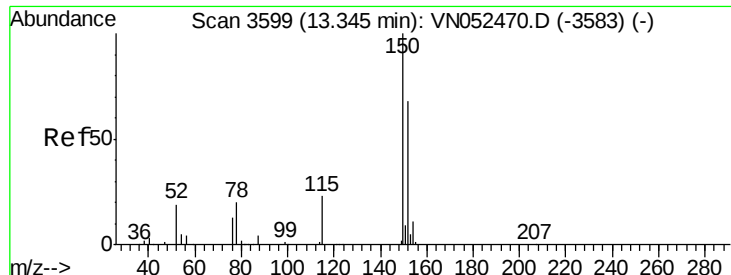
Ion 82.00 (81.70 to 82.70): VN052808.D (-2904) (-)

Ion 118.90 (118.60 to 119.60): VN052808.D (-2904) (-)

11.41

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052808.D

Acq: 11 Dec 2018 17:56

Instrument :

MSVOA_N

ClientSampleId :

PB115504ZHE#13

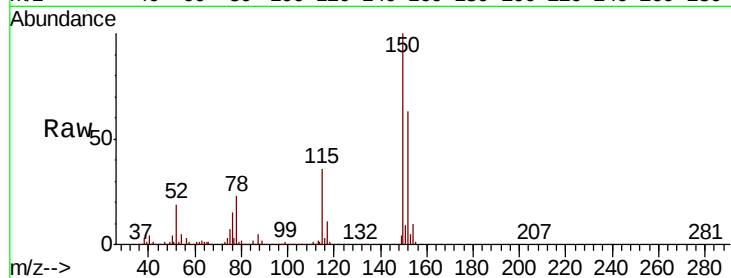
Tot Ion:152 Resp: 706849

Ion Ratio Lower Upper

152 100

115 56.5 28.4 85.2

150 157.0 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

