

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121018\
 Data File : VN052755.D
 Acq On : 10 Dec 2018 16:03
 Operator : MD\SY
 Sample : PB115448ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115448ZHE#04

Quant Time: Dec 11 02:45:08 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

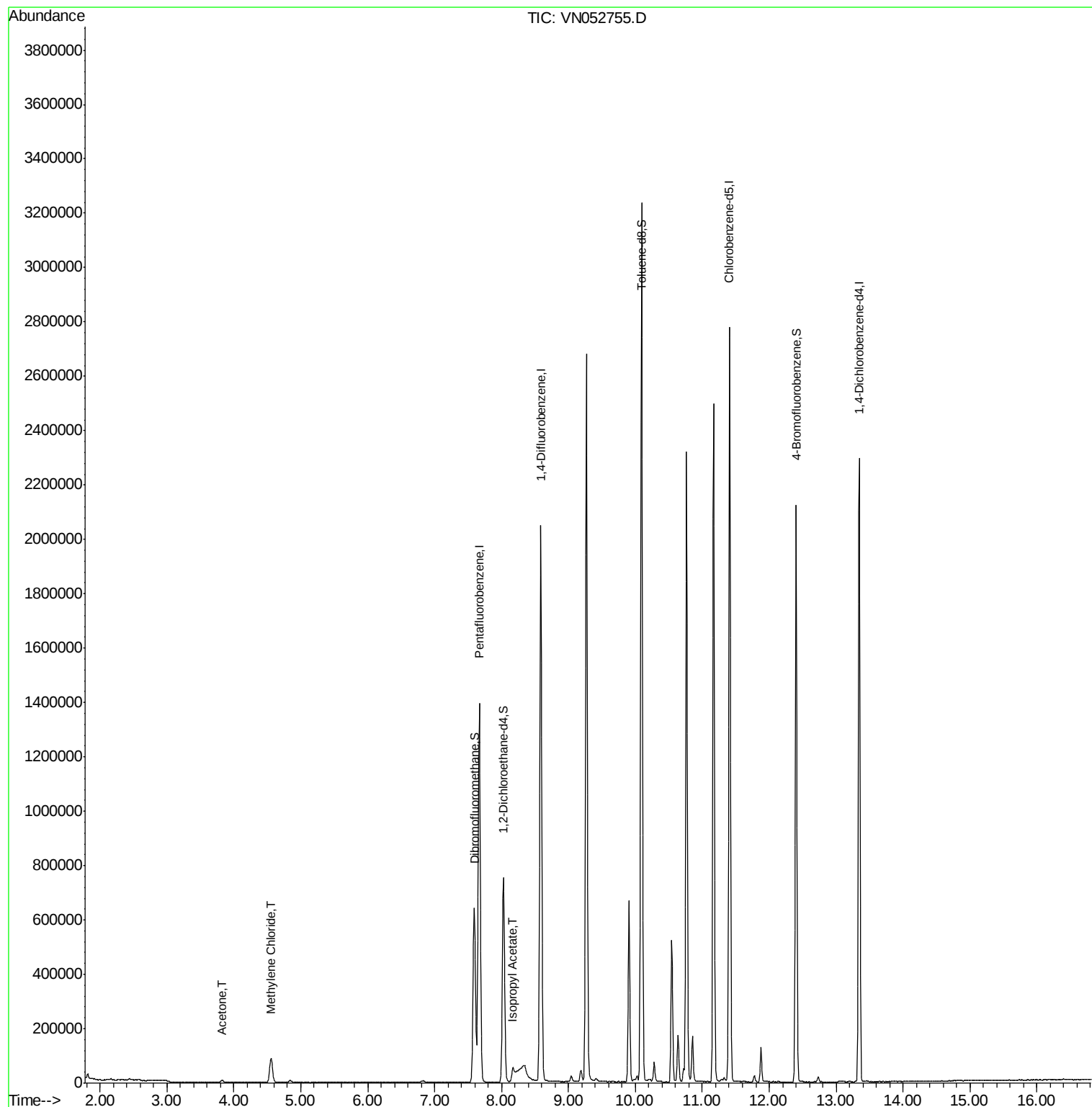
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1224899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1891690	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1668729	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	657921	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	638136	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.70%	
35) Dibromofluoromethane	7.59	113	500957	42.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.92%	
50) Toluene-d8	10.09	98	2322021	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.30%	
62) 4-Bromofluorobenzene	12.40	95	732623	48.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.06%	
Target Compounds						
16) Acetone	3.82	43	15794	4.490	ug/l	96
20) Methylene Chloride	4.56	84	68351	4.965	ug/l	97
43) Isopropyl Acetate	8.17	43	70694	3.832	ug/l #	75

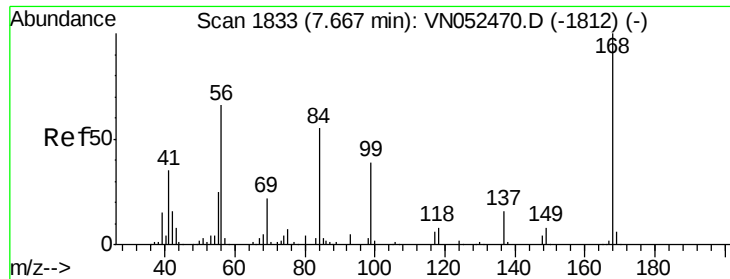
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052755.D

Acq: 10 Dec 2018 16:03

Instrument :

MSVOA_N

ClientSampleId :

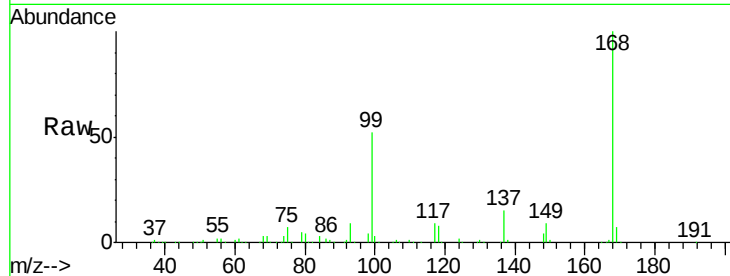
PB115448ZHE#04

Tot Ion:168 Resp: 1224899

Ion Ratio Lower Upper

168 100

99 51.7 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): VN052755.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052755.D (-1740) (-)

7.67

600000

500000

400000

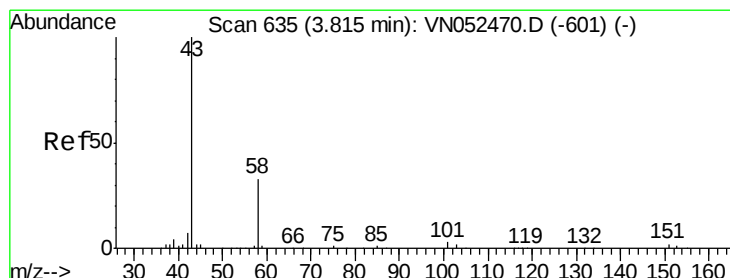
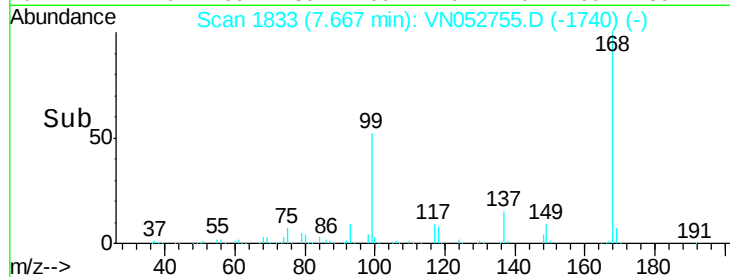
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 4.490 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN052755.D

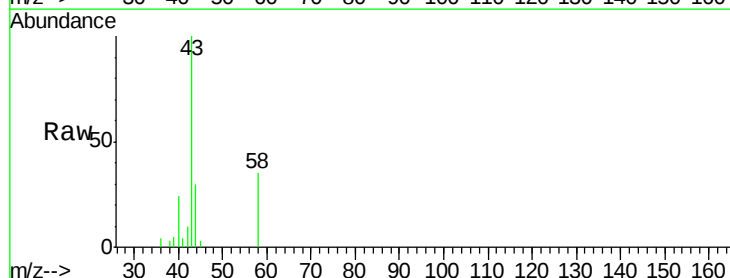
Acq: 10 Dec 2018 16:03

Tgt Ion: 43 Resp: 15794

Ion Ratio Lower Upper

43 100

58 34.5 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN052755.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN052755.D (-542) (-)

3.82

6000

5000

4000

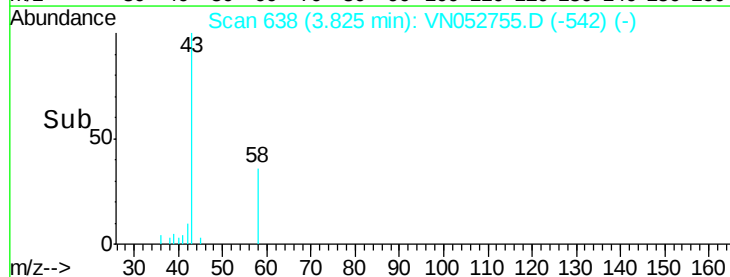
3000

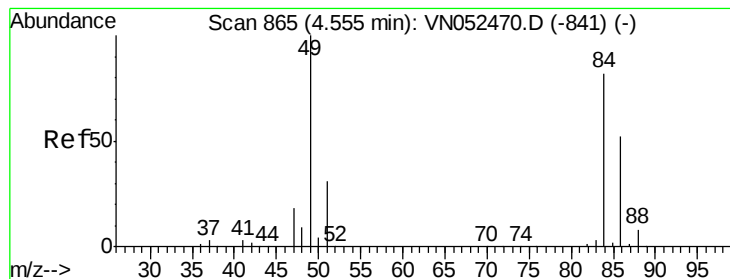
2000

1000

0

Time-->





#20

Methylene Chloride

Concen: 4.965 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.00 min

Lab File: VN052755.D

Acq: 10 Dec 2018 16:03

Instrument :

MSVOA_N

ClientSampleId :

PB115448ZHE#04

Tot Ion: 84 Resp: 68351

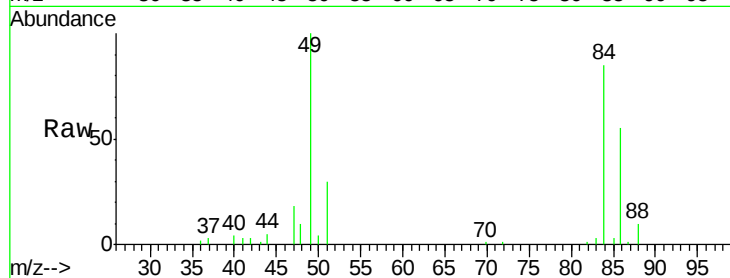
Ion Ratio Lower Upper

84 100

49 117.9 98.0 147.0

51 35.3 30.1 45.1

86 64.9 50.7 76.1

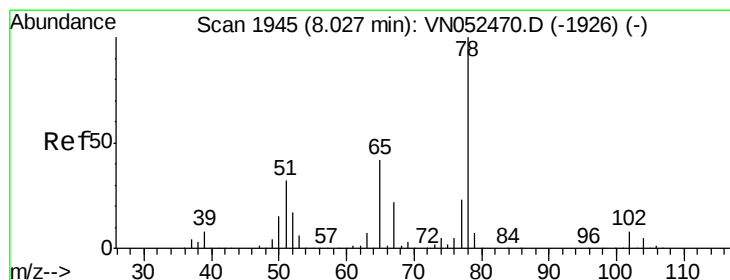
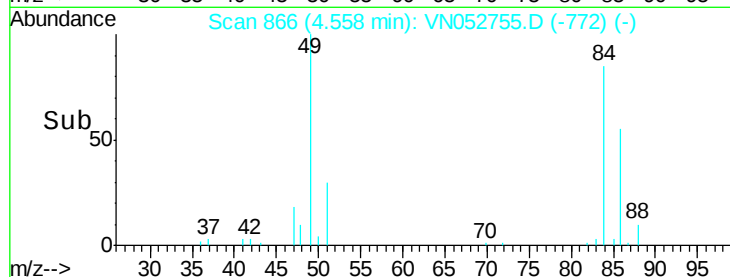
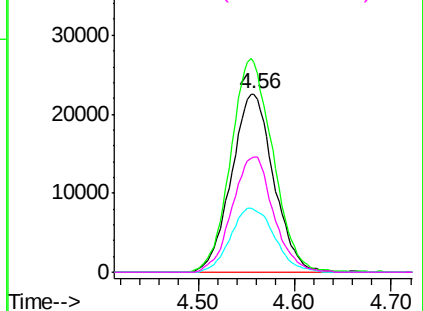


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN052755.D

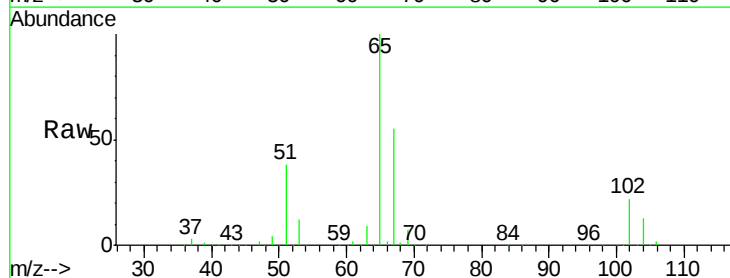
Acq: 10 Dec 2018 16:03

Tgt Ion: 65 Resp: 638136

Ion Ratio Lower Upper

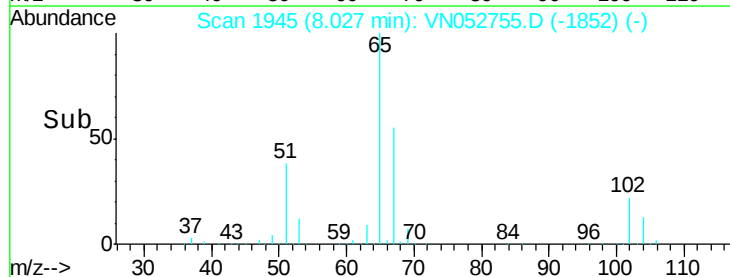
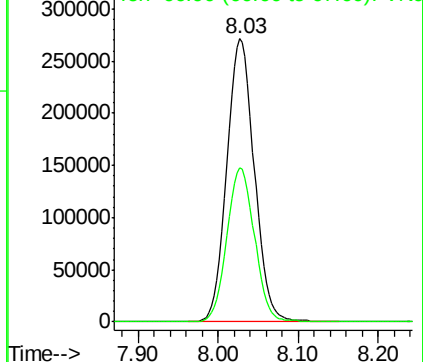
65 100

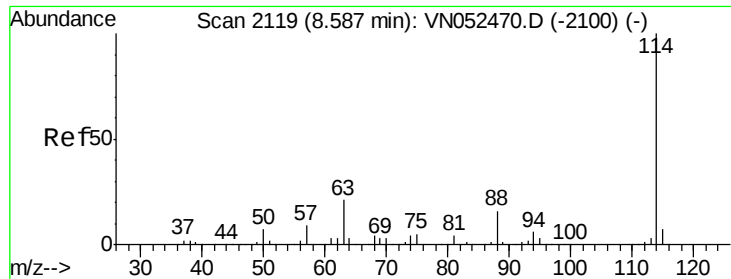
67 54.6 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

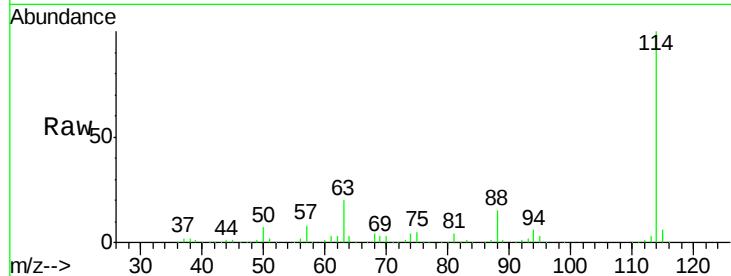




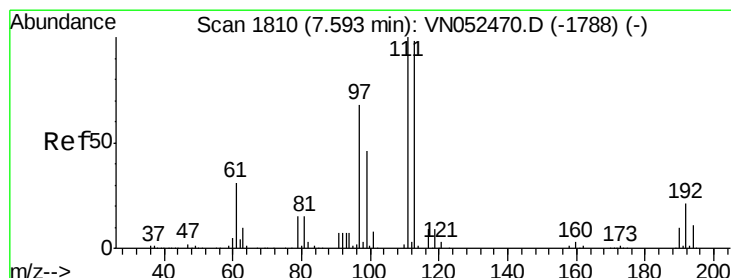
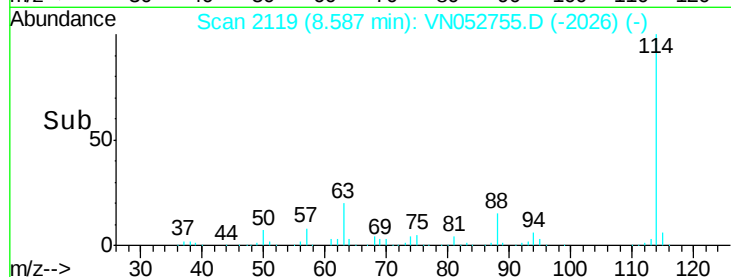
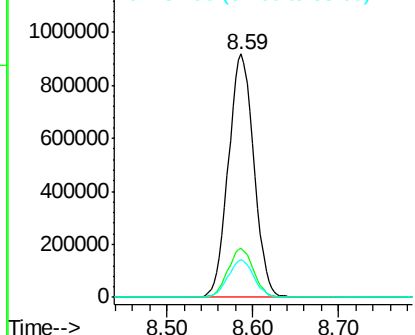
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052755.D
 Acq: 10 Dec 2018 16:03

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115448ZHE#04

Tot Ion:114 Resp: 1891690
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 41.8
 88 15.4 0.0 31.6

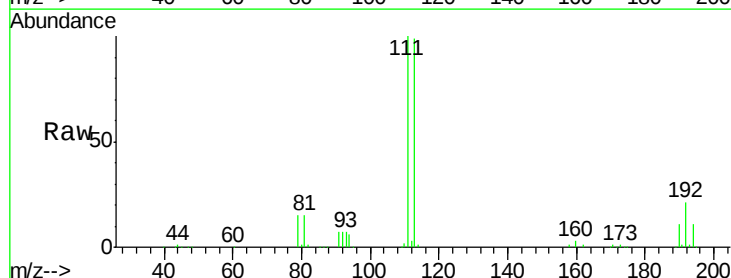


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

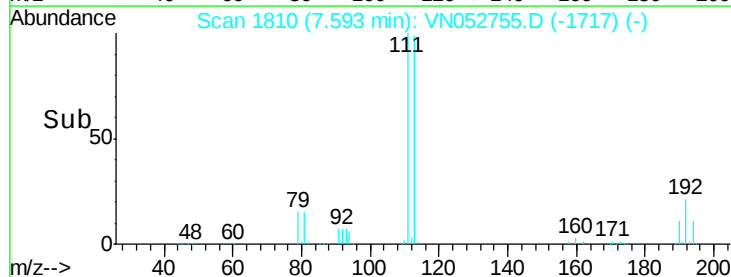
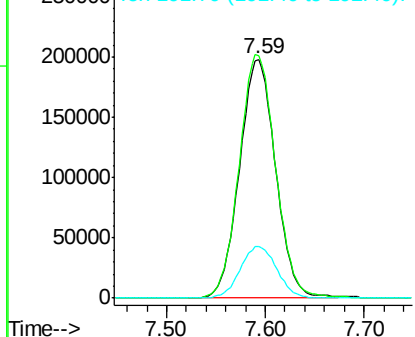


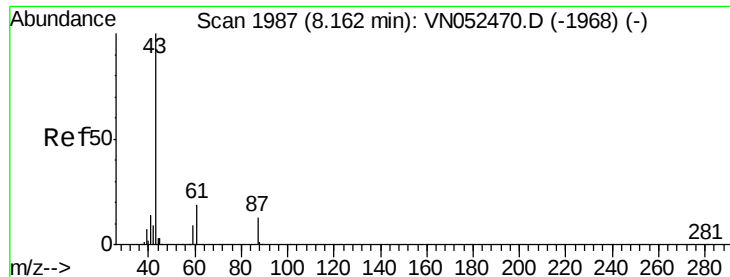
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052755.D
 Acq: 10 Dec 2018 16:03

Tgt Ion:113 Resp: 500957
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.0 123.0
 192 22.1 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: 3.832 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052755.D

Acq: 10 Dec 2018 16:03

Instrument :

MSVOA_N

ClientSampleId :

PB115448ZHE#04

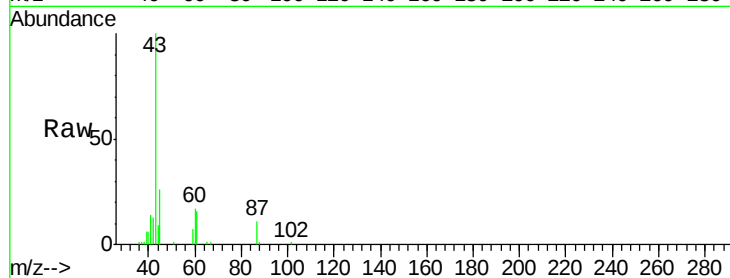
Tot Ion: 43 Resp: 70694

Ion Ratio Lower Upper

43 100

61 13.7 24.1 36.1#

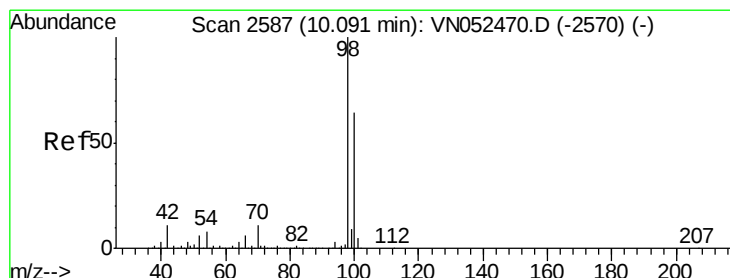
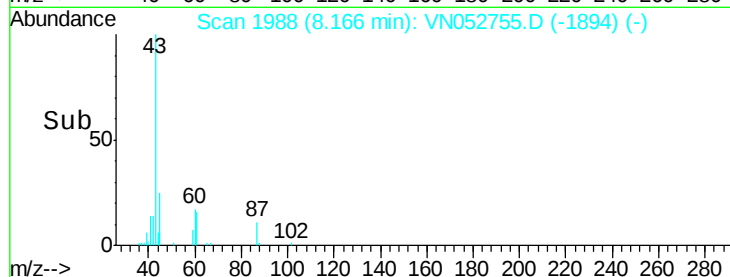
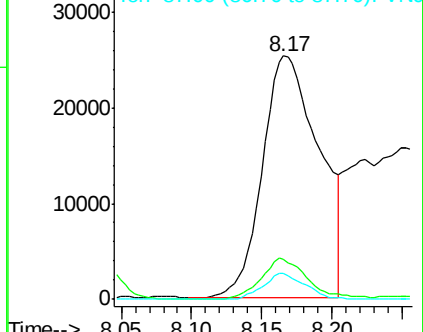
87 7.8 10.6 15.8#



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: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052755.D

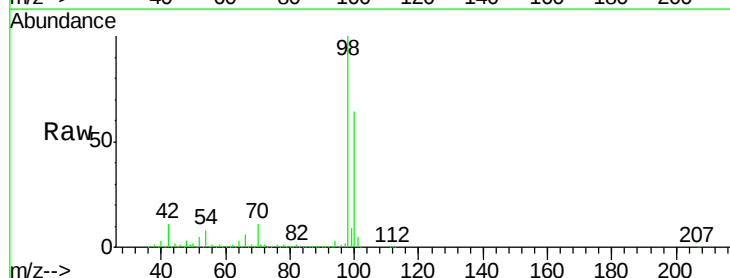
Acq: 10 Dec 2018 16:03

Tgt Ion: 98 Resp: 2322021

Ion Ratio Lower Upper

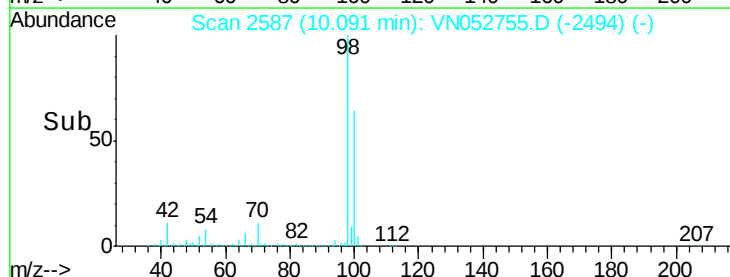
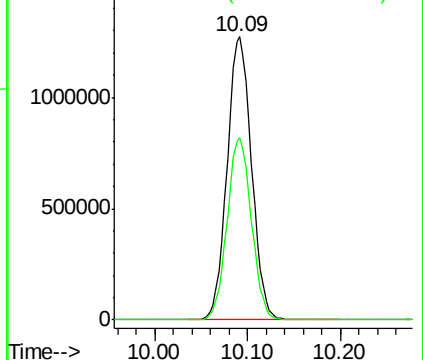
98 100

100 63.9 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052755.D

Acq: 10 Dec 2018 16:03

Instrument :

MSVOA_N

ClientSampleId :

PB115448ZHE#04

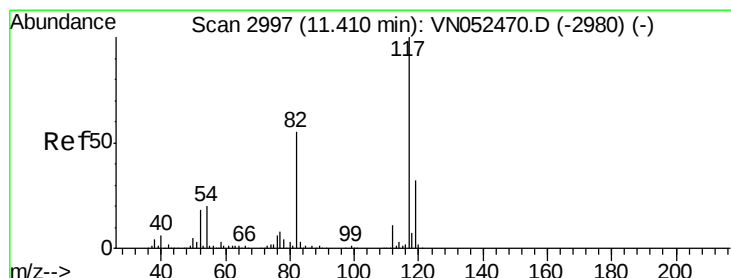
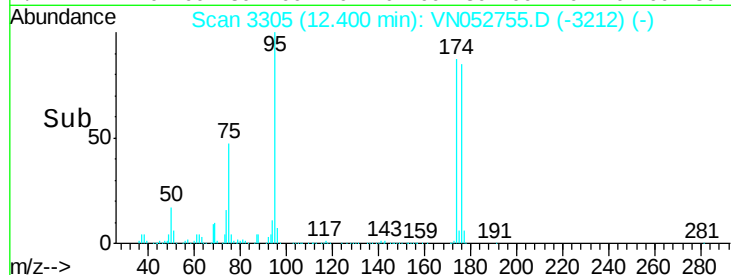
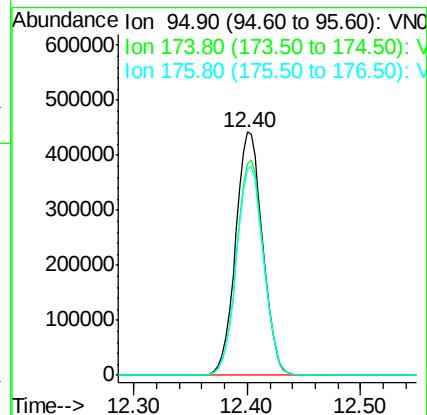
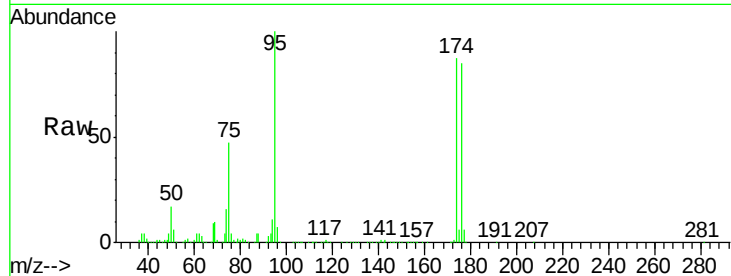
Tot Ion: 95 Resp: 732623

Ion Ratio Lower Upper

95 100

174 88.7 0.0 173.0

176 86.6 0.0 166.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN052755.D

Acq: 10 Dec 2018 16:03

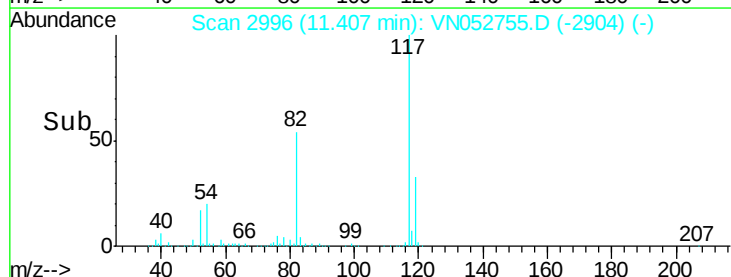
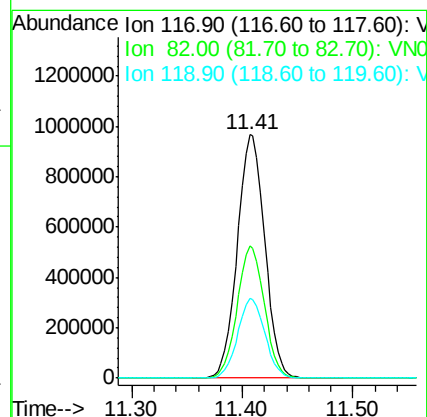
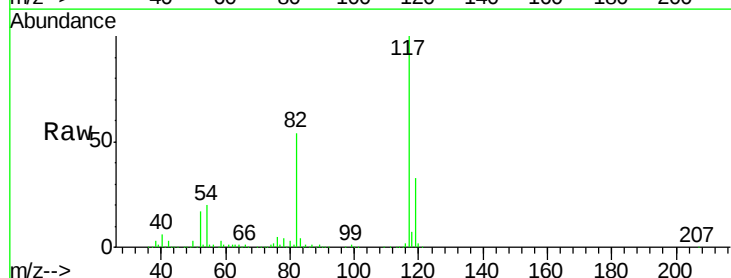
Tgt Ion: 117 Resp: 1668729

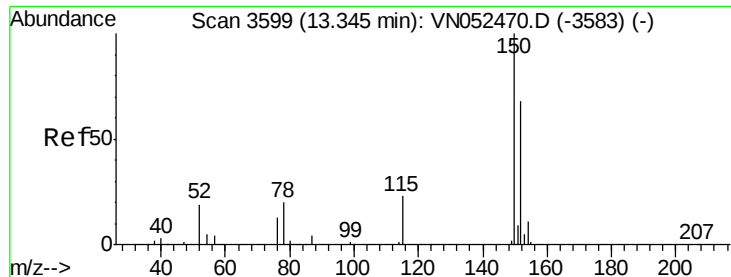
Ion Ratio Lower Upper

117 100

82 54.2 43.6 65.4

119 32.6 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: VN052755.D

Acq: 10 Dec 2018 16:03

Instrument :

MSVOA_N

ClientSampleId :

PB115448ZHE#04

Tot Ion:152 Resp: 657921

Ion Ratio Lower Upper

152 100

115 56.6 28.4 85.2

150 155.5 0.0 346.0

