

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121018\
 Data File : VN052756.D
 Acq On : 10 Dec 2018 16:30
 Operator : MD\SY
 Sample : PB115448ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115448ZHE#05

Quant Time: Dec 11 02:47:04 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

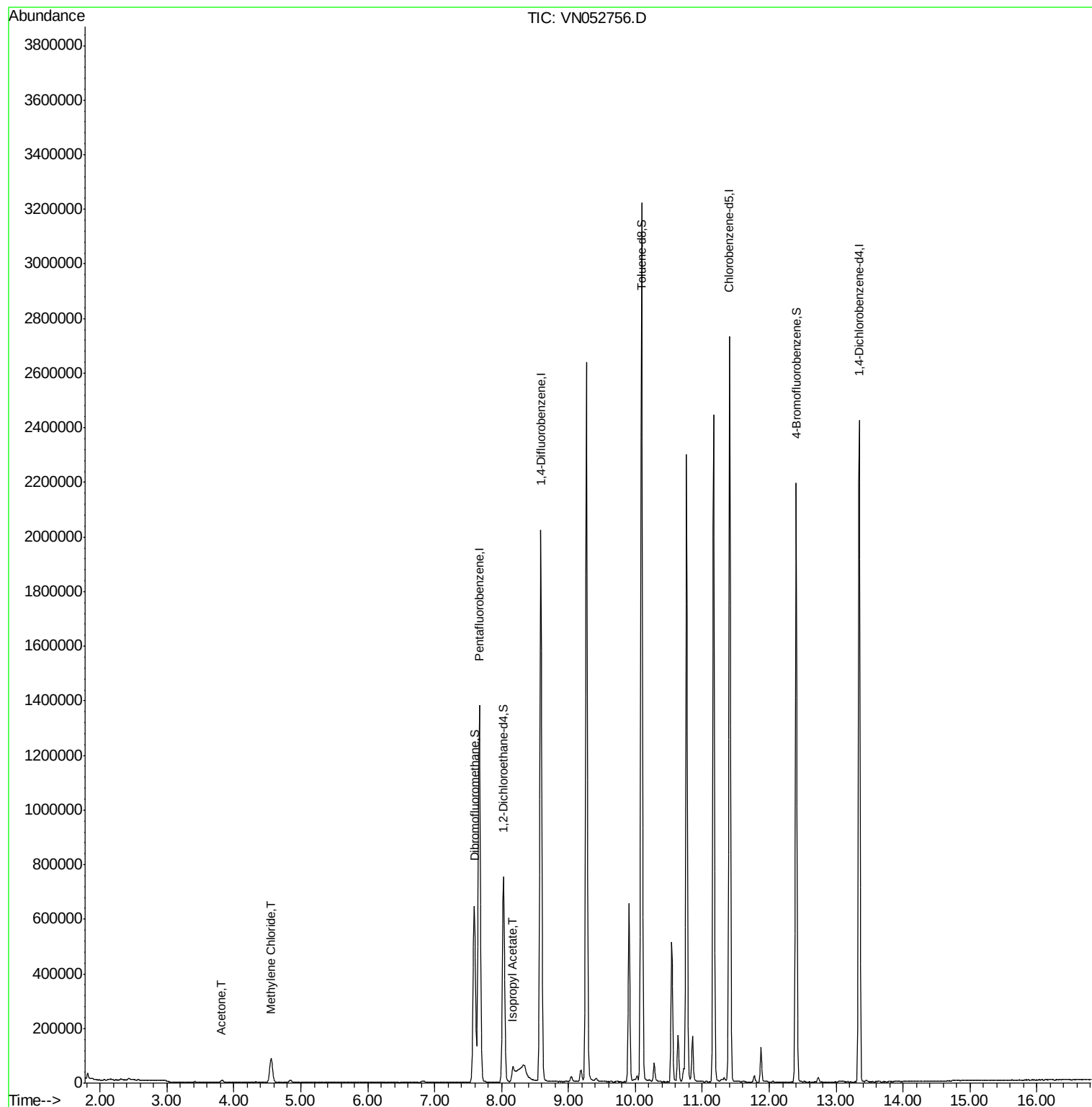
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1217184	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1890334	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1678794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	694367	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	637730	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.24%	
35) Dibromofluoromethane	7.59	113	500086	42.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.82%	
50) Toluene-d8	10.09	98	2297182	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.28%	
62) 4-Bromofluorobenzene	12.40	95	751514	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
Target Compounds						
16) Acetone	3.82	43	15001	4.291	ug/l	99
20) Methylene Chloride	4.56	84	68783	5.028	ug/l	98
43) Isopropyl Acetate	8.17	43	68801	3.732	ug/l #	76

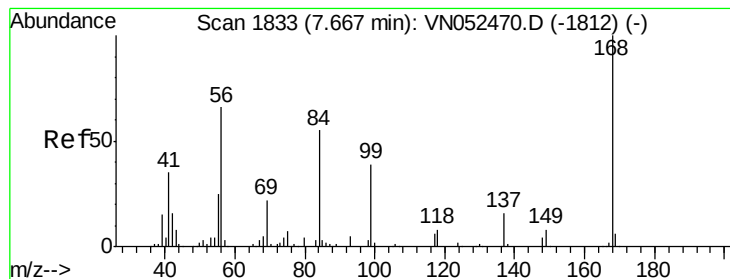
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052756.D

Acq: 10 Dec 2018 16:30

Instrument :

MSVOA_N

ClientSampleId :

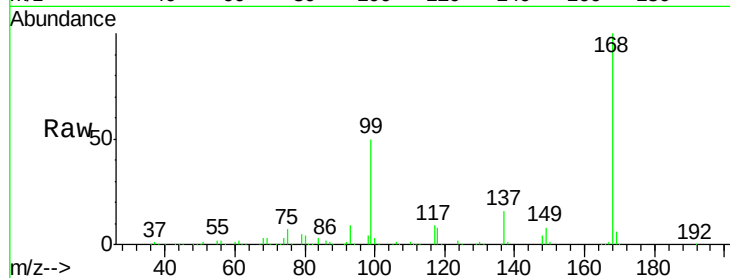
PB115448ZHE#05

Tot Ion:168 Resp: 1217184

Ion Ratio Lower Upper

168 100

99 50.5 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): VN052756.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052756.D (-1740) (-)

7.67

600000

500000

400000

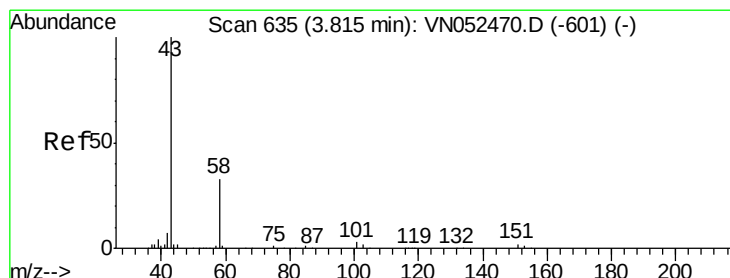
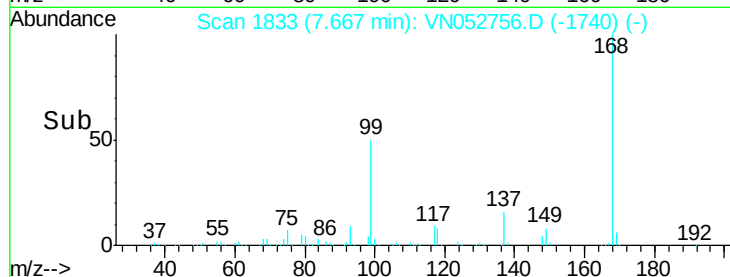
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 4.291 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052756.D

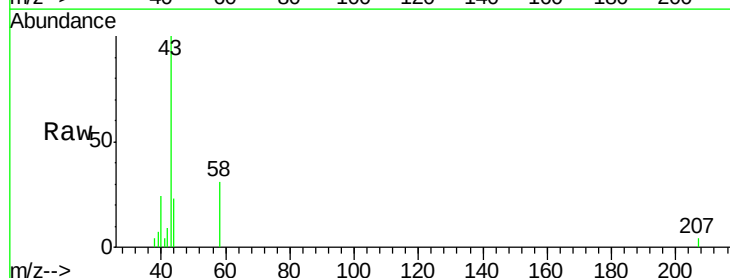
Acq: 10 Dec 2018 16:30

Tgt Ion: 43 Resp: 15001

Ion Ratio Lower Upper

43 100

58 32.0 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN052756.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN052756.D (-542) (-)

3.82

6000

5000

4000

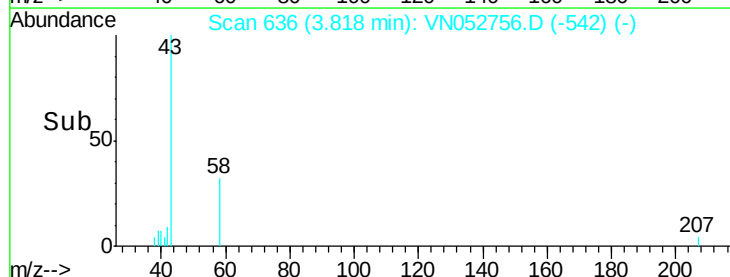
3000

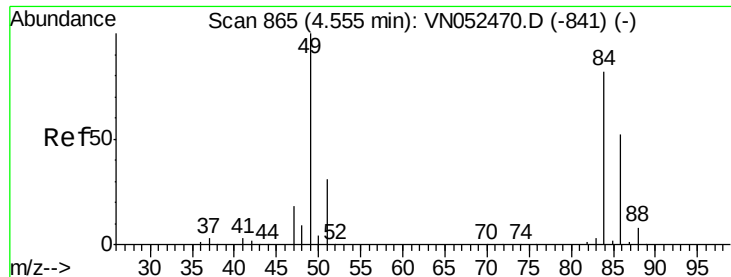
2000

1000

0

Time-->

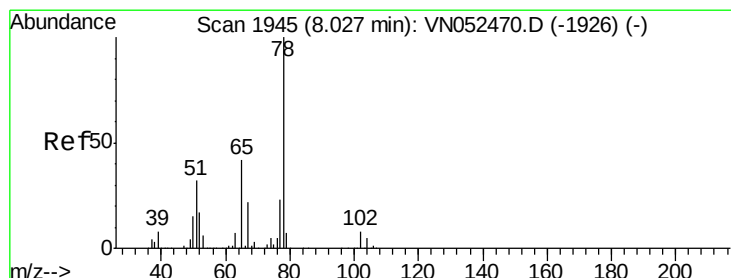
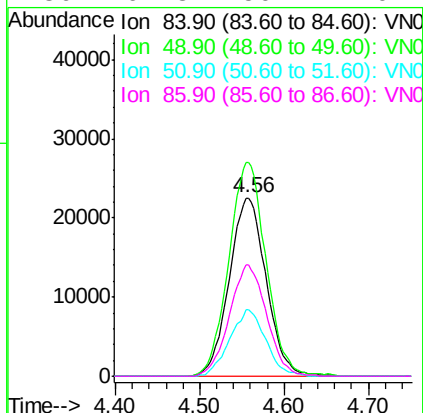
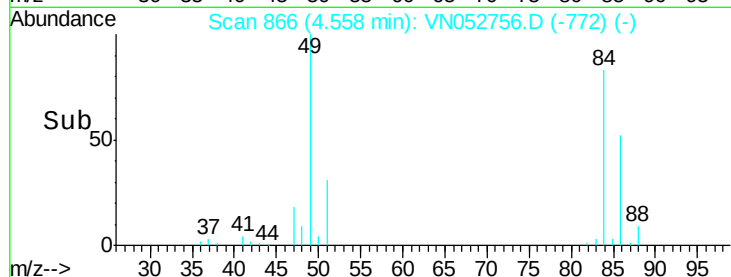
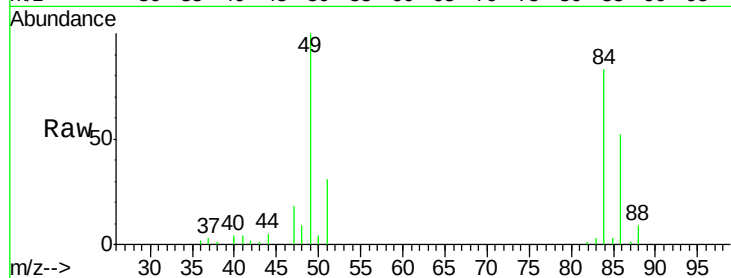




#20
Methylene Chloride
Concen: 5.028 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052756.D
Acq: 10 Dec 2018 16:30

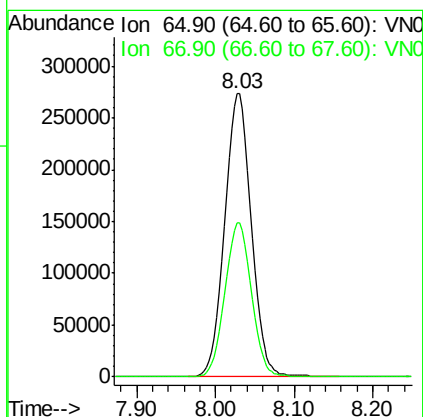
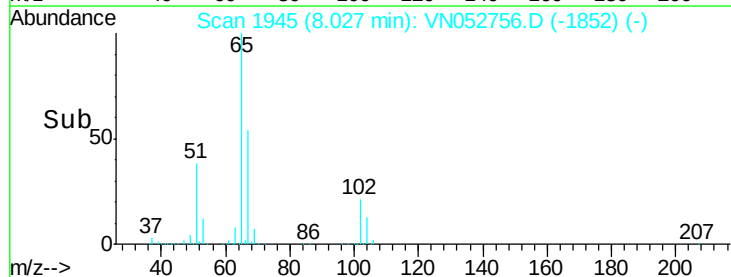
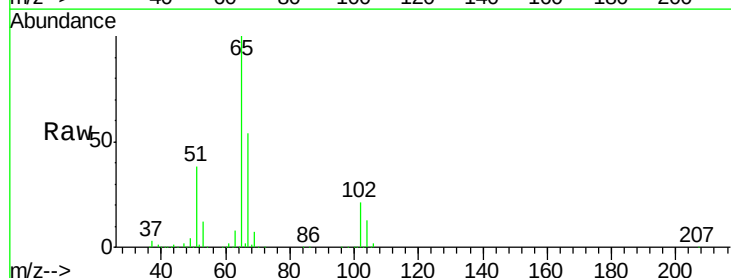
Instrument :
MSVOA_N
ClientSampleId :
PB115448ZHE#05

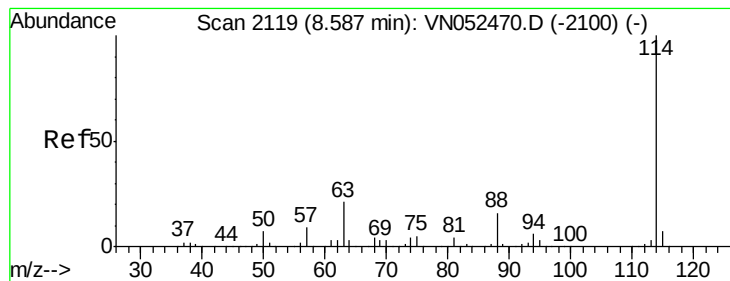
Tot Ion: 84 Resp: 68783
Ion Ratio Lower Upper
84 100
49 119.9 98.0 147.0
51 37.4 30.1 45.1
86 62.3 50.7 76.1



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052756.D
Acq: 10 Dec 2018 16:30

Tgt Ion: 65 Resp: 637730
Ion Ratio Lower Upper
65 100
67 54.3 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: VN052756.D

Acq: 10 Dec 2018 16:30

Instrument :

MSVOA_N

ClientSampleId :

PB115448ZHE#05

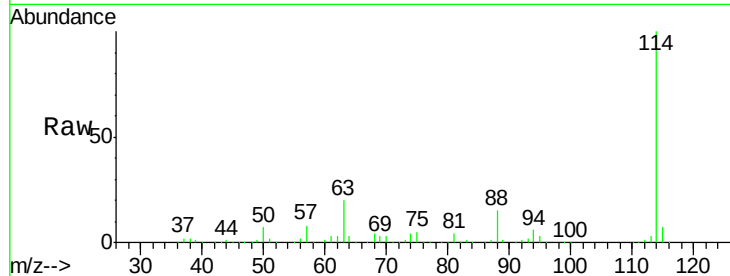
Tot Ion:114 Resp: 1890334

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.8

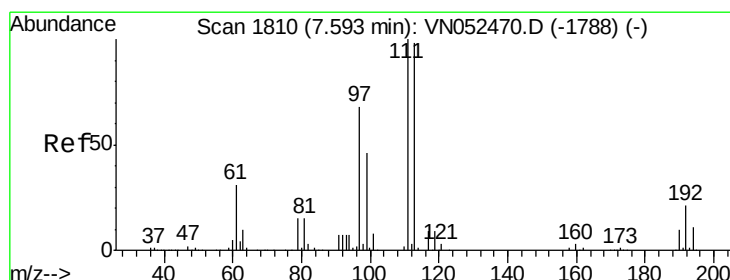
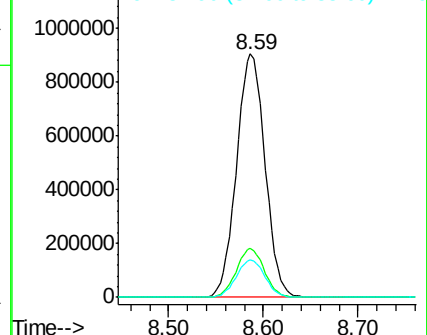
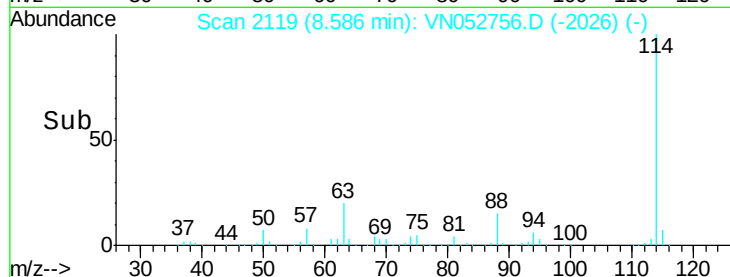
88 15.2 0.0 31.6



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: VN052756.D

Acq: 10 Dec 2018 16:30

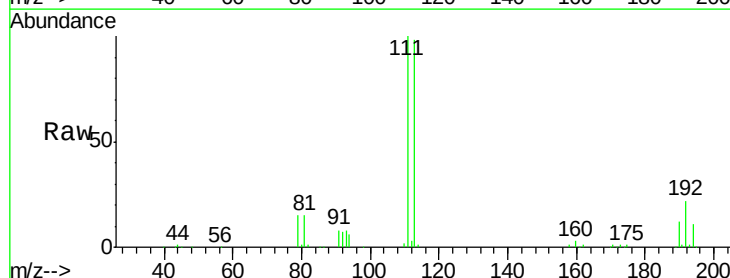
Tgt Ion:113 Resp: 500086

Ion Ratio Lower Upper

113 100

111 102.4 82.0 123.0

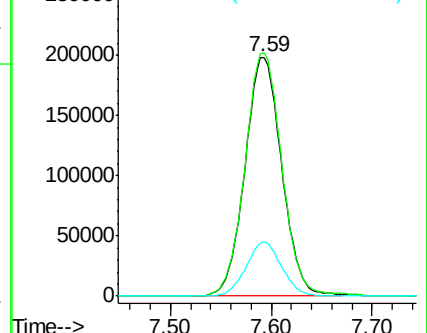
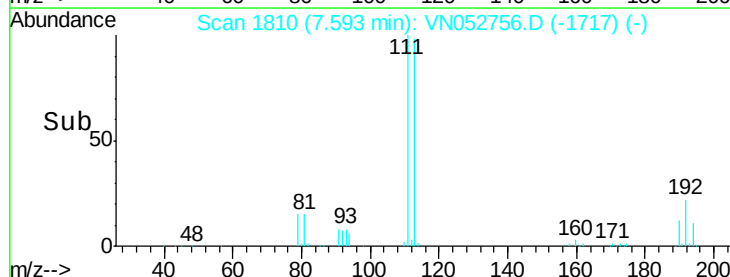
192 22.2 17.0 25.6

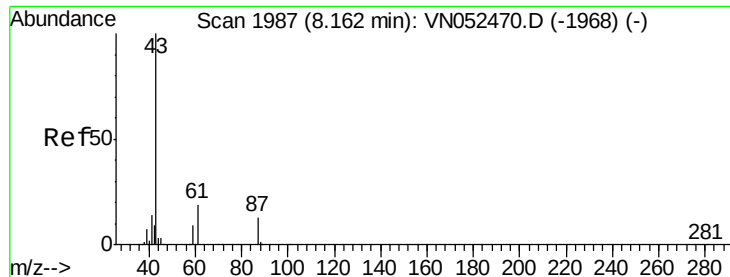


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.732 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052756.D

Acq: 10 Dec 2018 16:30

Instrument :

MSVOA_N

ClientSampleId :

PB115448ZHE#05

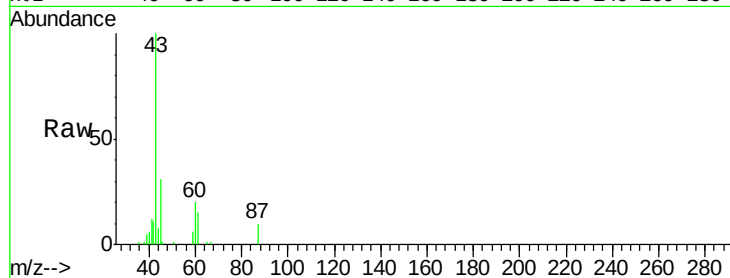
Tot Ion: 43 Resp: 68801

Ion Ratio Lower Upper

43 100

61 14.4 24.1 36.1#

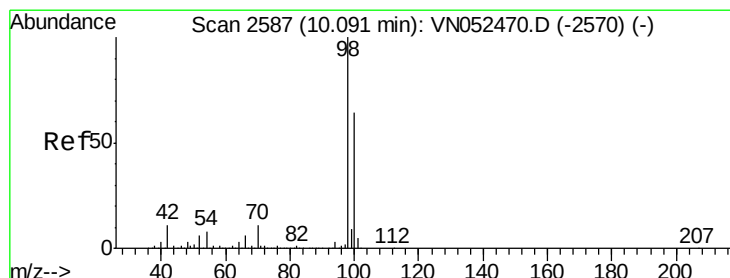
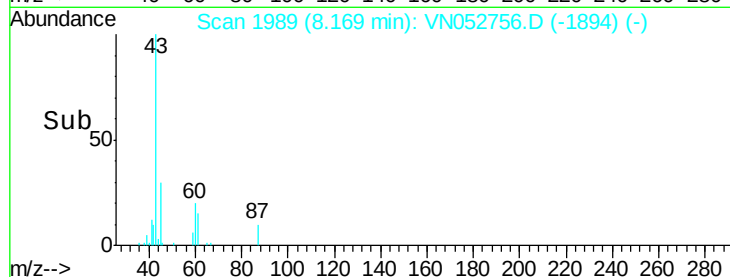
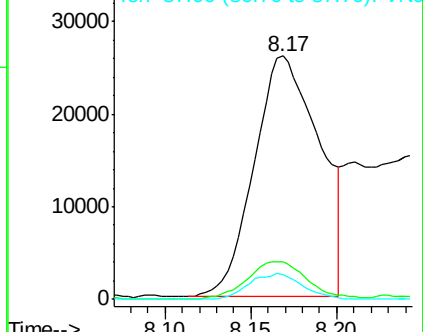
87 8.7 10.6 15.8#



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: VN052756.D

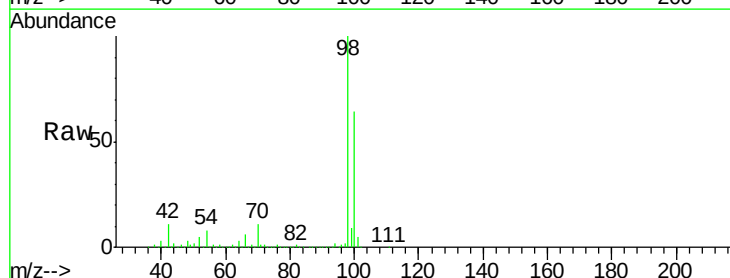
Acq: 10 Dec 2018 16:30

Tgt Ion: 98 Resp: 2297182

Ion Ratio Lower Upper

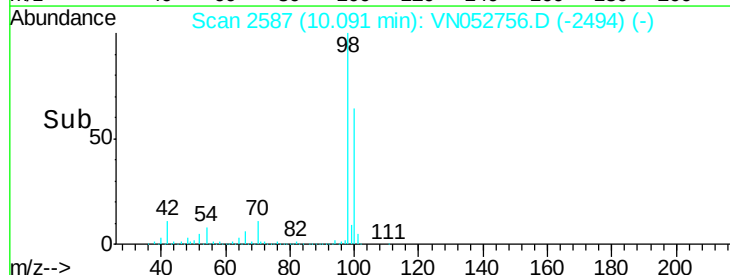
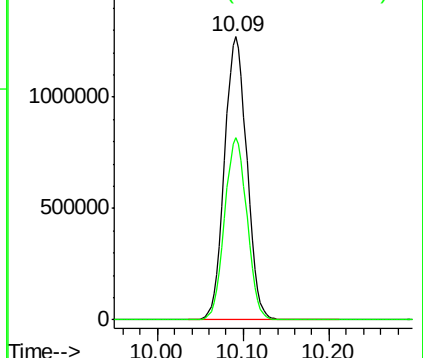
98 100

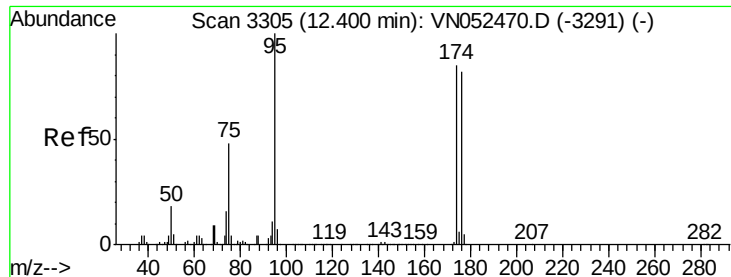
100 64.4 51.3 76.9



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: VN052756.D

Acq: 10 Dec 2018 16:30

Instrument :

MSVOA_N

ClientSampleId :

PB115448ZHE#05

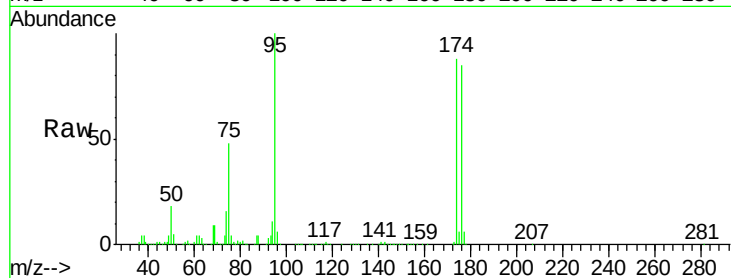
Tot Ion: 95 Resp: 751514

Ion Ratio Lower Upper

95 100

174 88.4 0.0 173.0

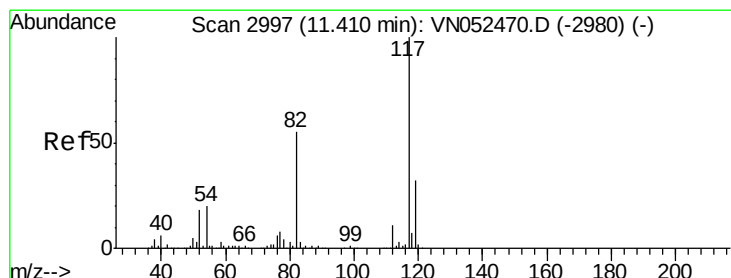
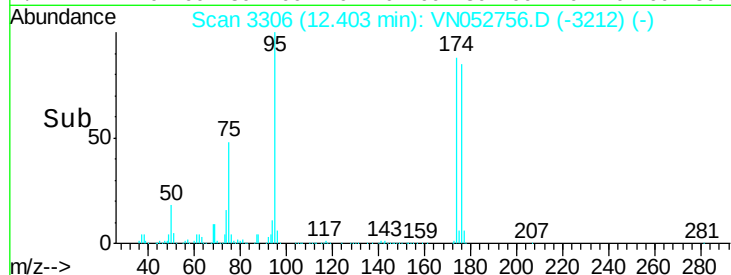
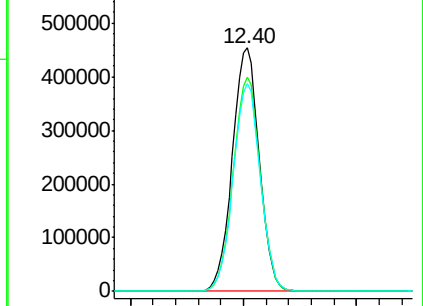
176 86.1 0.0 166.2



Abundance Ion 94.90 (94.60 to 95.60): VN052470.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN052470.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN052470.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN052756.D

Acq: 10 Dec 2018 16:30

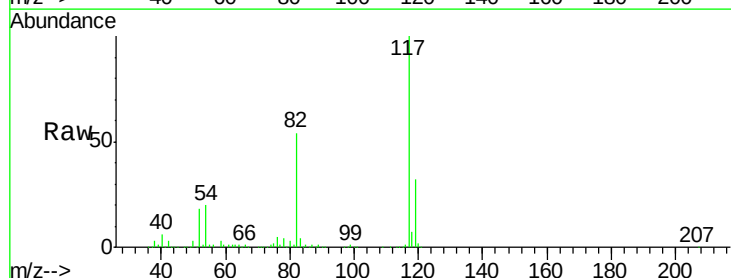
Tgt Ion: 117 Resp: 1678794

Ion Ratio Lower Upper

117 100

82 54.4 43.6 65.4

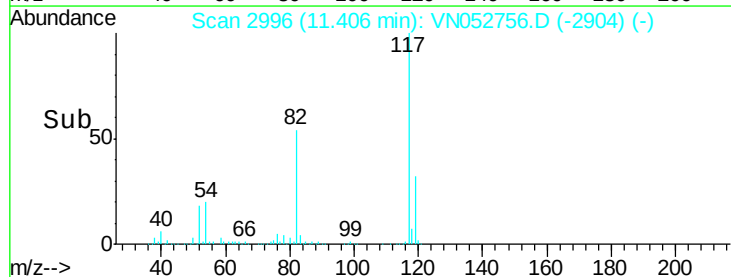
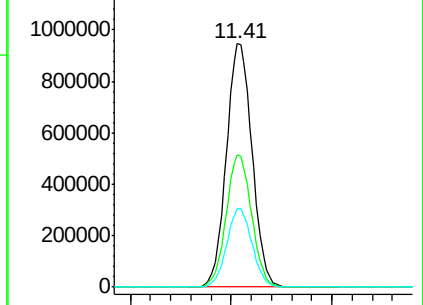
119 32.2 25.4 38.2

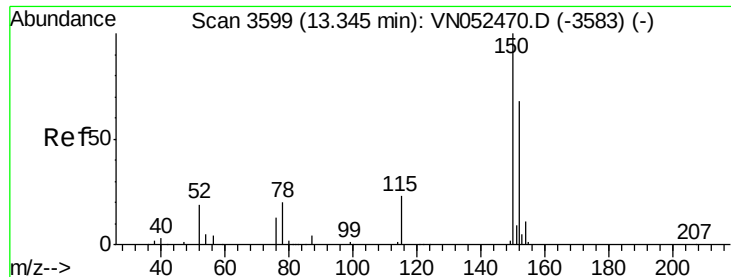


Abundance Ion 116.90 (116.60 to 117.60): VN052470.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN052470.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN052470.D (-2980) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN052756.D

Acq: 10 Dec 2018 16:30

Instrument :

MSVOA_N

ClientSampleId :

PB115448ZHE#05

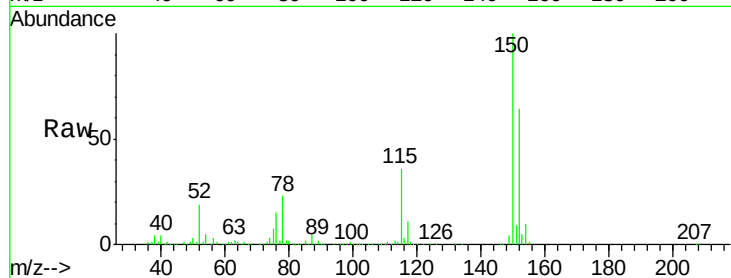
Tot Ion:152 Resp: 694367

Ion Ratio Lower Upper

152 100

115 56.5 28.4 85.2

150 156.7 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

