

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120318\
 Data File : VN052625.D
 Acq On : 3 Dec 2018 12:14
 Operator : MD\SY
 Sample : PB115231ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115231ZHE#02

Quant Time: Dec 04 01:08:05 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

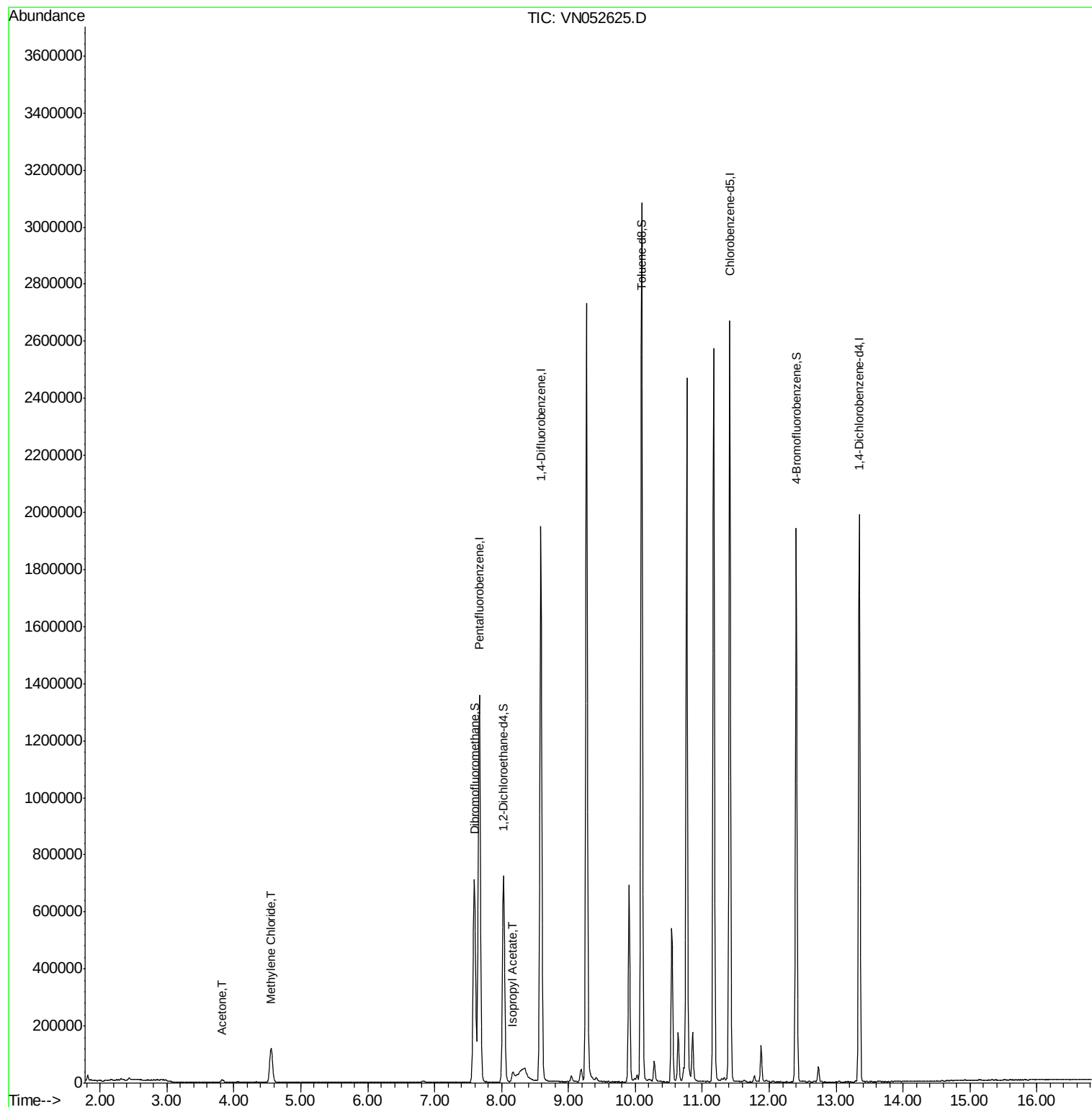
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1183272	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1816850	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1572665	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	557278	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	615118	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.48%	
35) Dibromofluoromethane	7.59	113	556846	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.42%	
50) Toluene-d8	10.09	98	2220535	50.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.86%	
62) 4-Bromofluorobenzene	12.40	95	675891	46.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.26%	
Target Compounds						
16) Acetone	3.82	43	16447	4.840	ug/l	91
20) Methylene Chloride	4.56	84	93355	7.020	ug/l	97
43) Isopropyl Acetate	8.17	43	53975	3.046	ug/l #	82

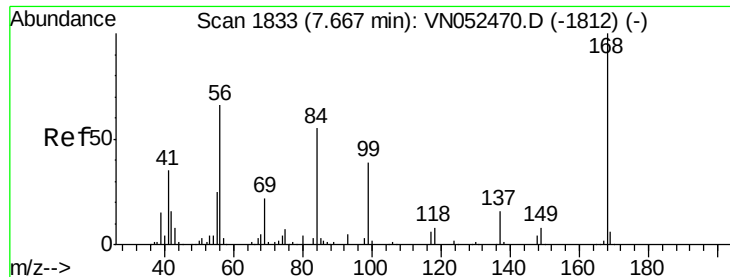
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052625.D

Acq: 3 Dec 2018 12:14

Instrument :

MSVOA_N

ClientSampleId :

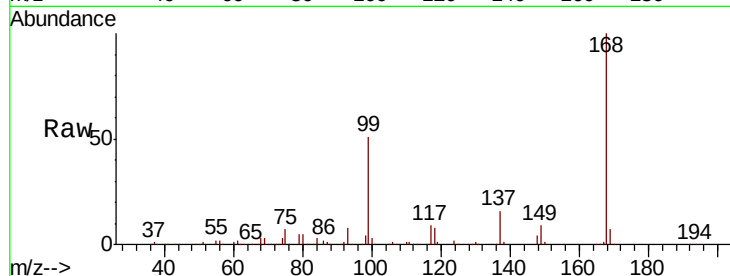
PB115231ZHE#02

Tot Ion:168 Resp: 1183272

Ion Ratio Lower Upper

168 100

99 51.3 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): VN052470.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN052470.D (-1812) (-)

7.67

500000

400000

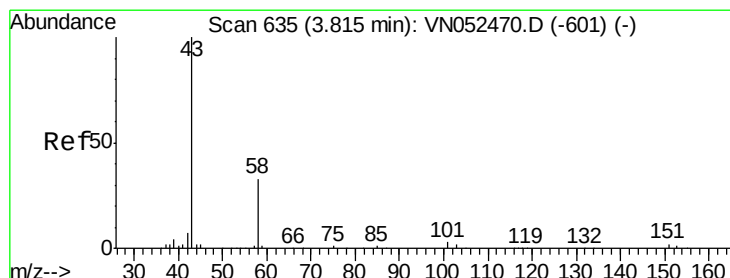
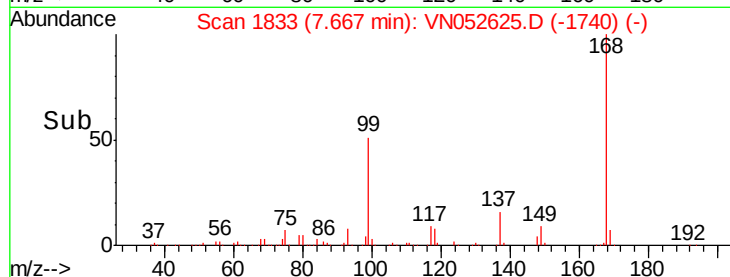
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 4.840 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052625.D

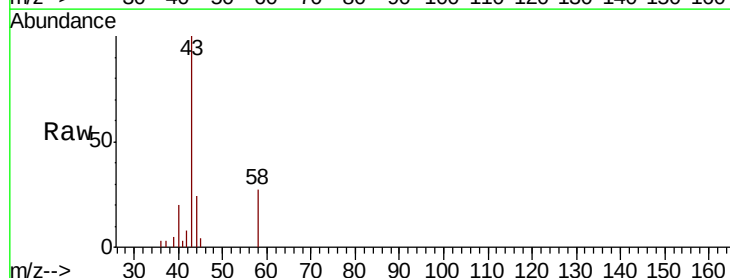
Acq: 3 Dec 2018 12:14

Tgt Ion: 43 Resp: 16447

Ion Ratio Lower Upper

43 100

58 27.6 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN052470.D (-601) (-)

3.82

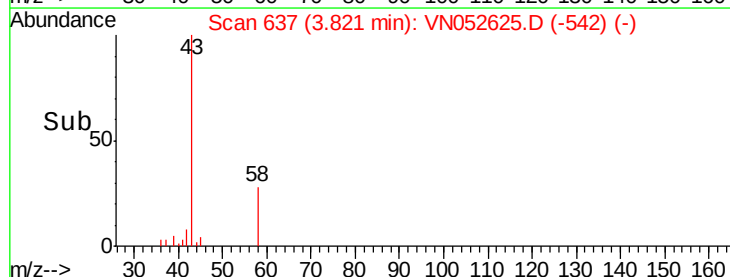
6000

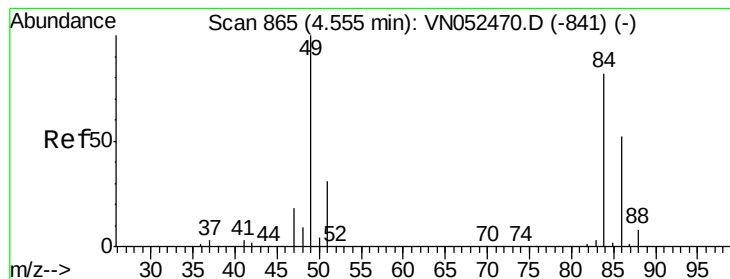
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 7.020 ug/l

RT: 4.56 min Scan# 867

Delta R.T. 0.01 min

Lab File: VN052625.D

Acq: 3 Dec 2018 12:14

Instrument :

MSVOA_N

ClientSampleId :

PB115231ZHE#02

Tot Ion: 84 Resp: 93355

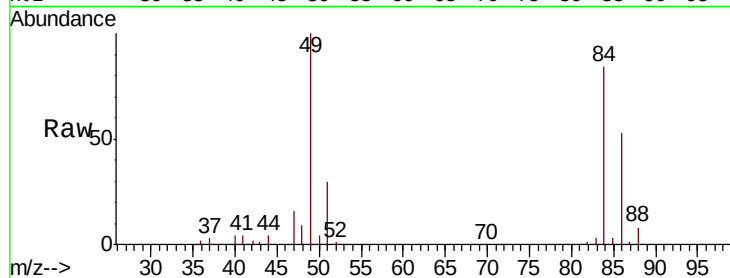
Ion Ratio Lower Upper

84 100

49 118.7 98.0 147.0

51 35.0 30.1 45.1

86 62.3 50.7 76.1



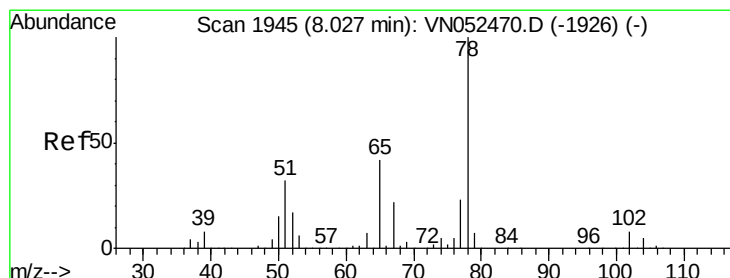
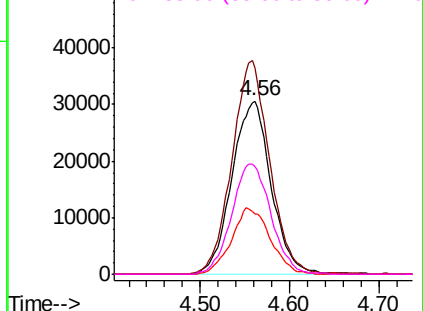
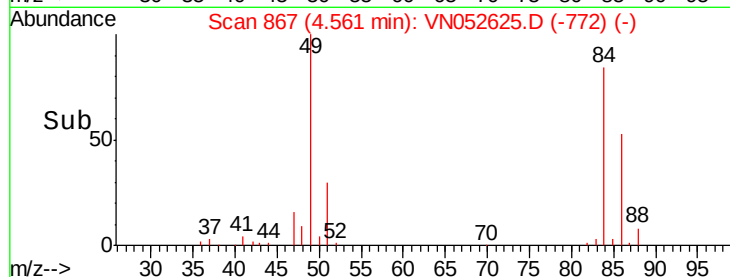
Abundance

Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN052625.D

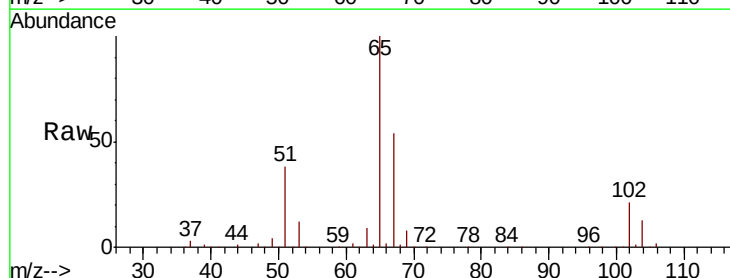
Acq: 3 Dec 2018 12:14

Tgt Ion: 65 Resp: 615118

Ion Ratio Lower Upper

65 100

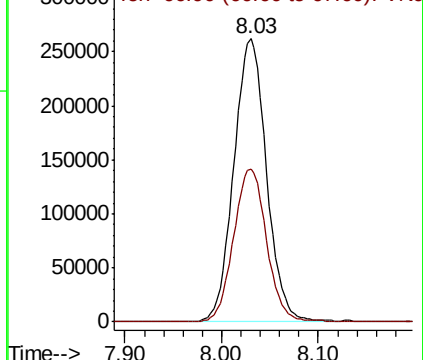
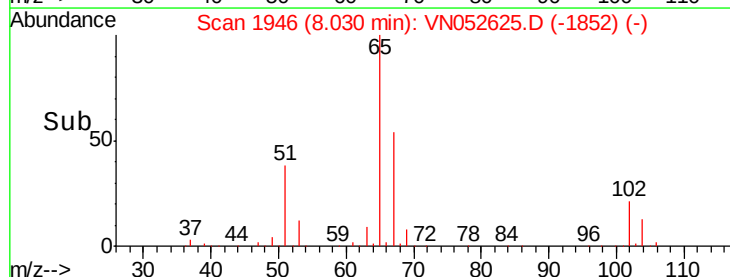
67 54.7 0.0 109.8

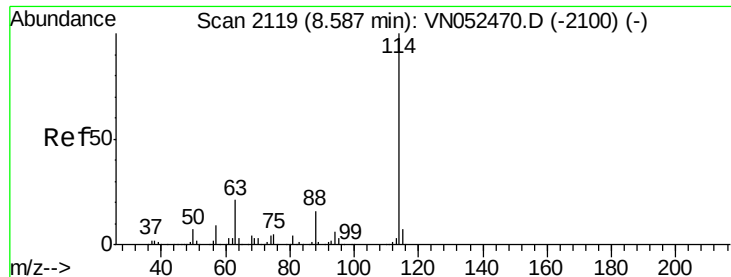


Abundance

Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN052625.D

Acq: 3 Dec 2018 12:14

Instrument :

MSVOA_N

ClientSampleId :

PB115231ZHE#02

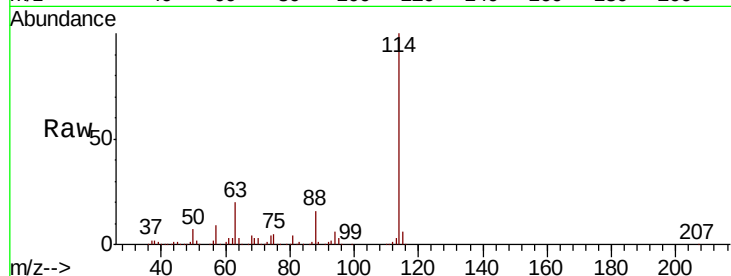
Tot Ion:114 Resp: 1816850

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.8

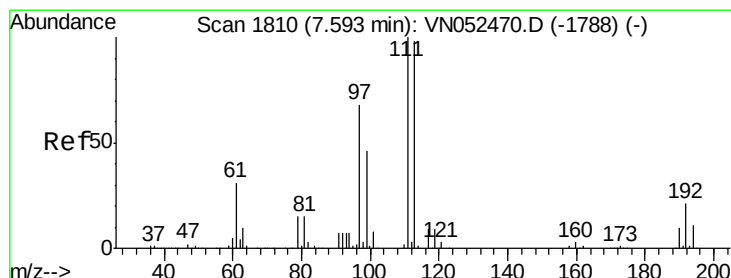
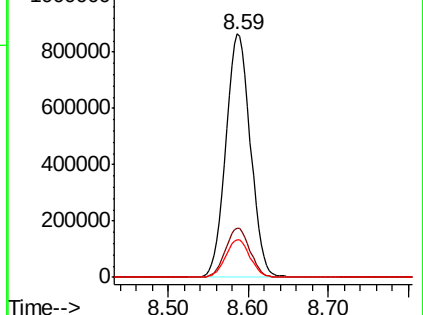
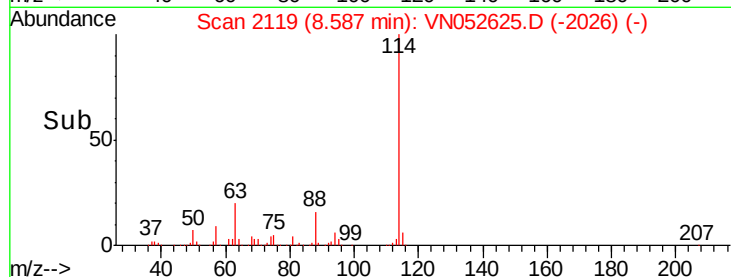
88 15.6 0.0 31.6



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: VN052625.D

Acq: 3 Dec 2018 12:14

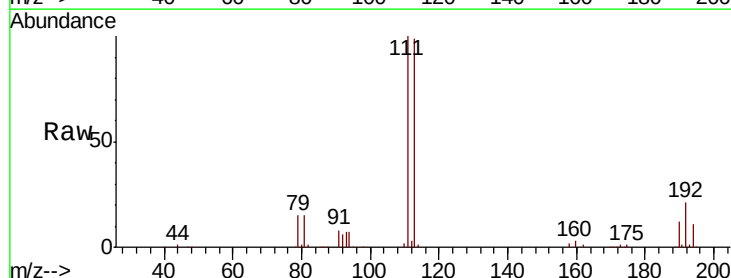
Tgt Ion:113 Resp: 556846

Ion Ratio Lower Upper

113 100

111 102.9 82.0 123.0

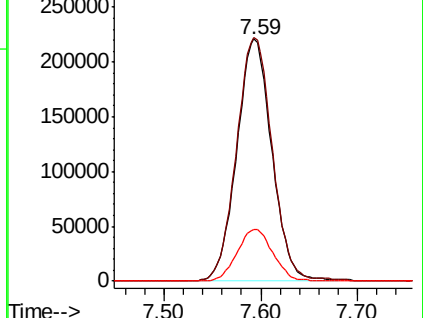
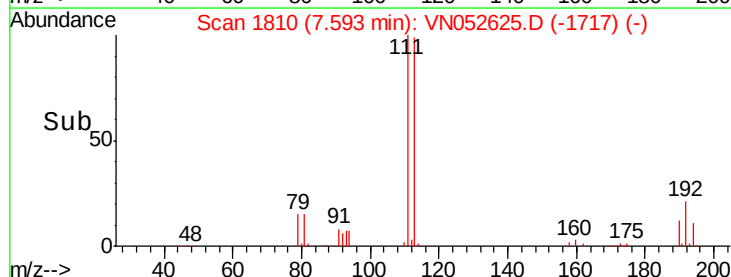
192 21.8 17.0 25.6

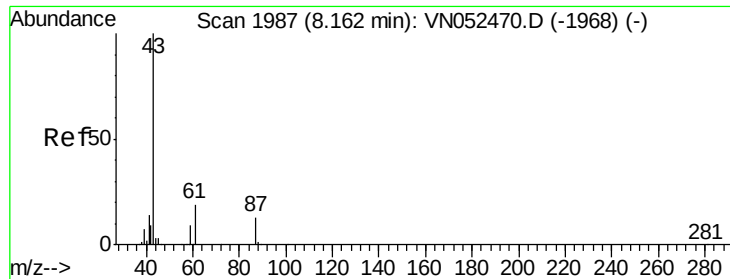


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.046 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052625.D

Acq: 3 Dec 2018 12:14

Instrument :

MSVOA_N

ClientSampleId :

PB115231ZHE#02

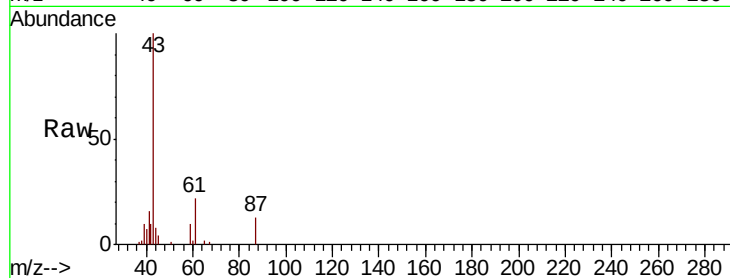
Tot Ion: 43 Resp: 53975

Ion Ratio Lower Upper

43 100

61 17.7 24.1 36.1#

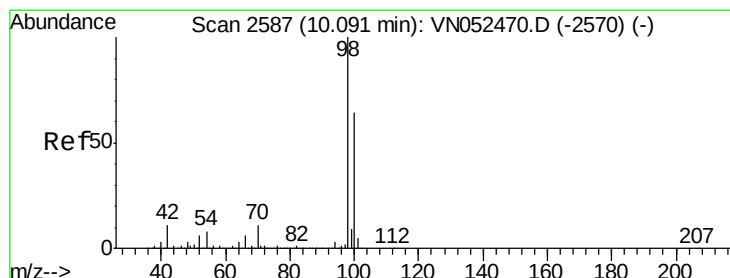
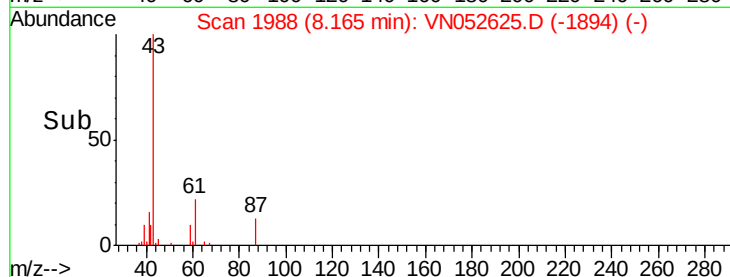
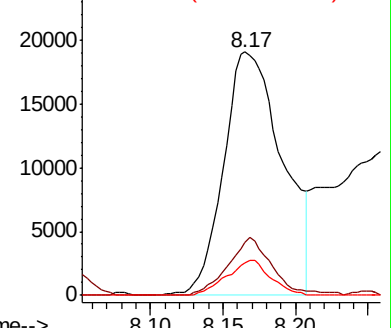
87 10.6 10.6 15.8



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: VN052625.D

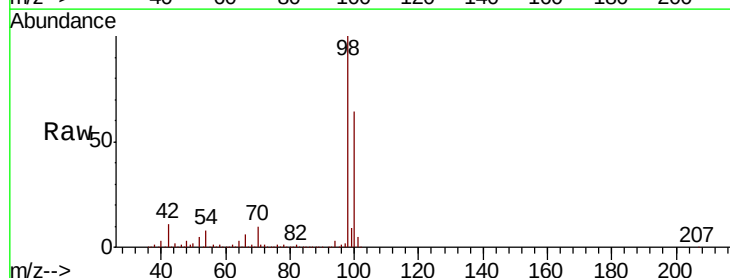
Acq: 3 Dec 2018 12:14

Tgt Ion: 98 Resp: 2220535

Ion Ratio Lower Upper

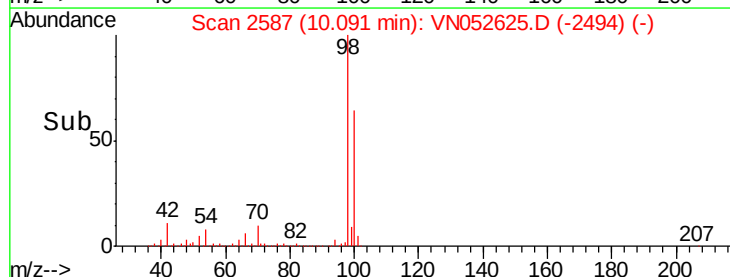
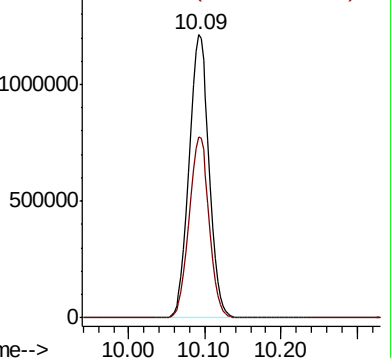
98 100

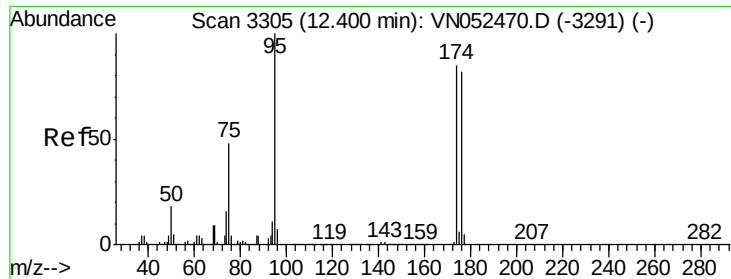
100 64.1 51.3 76.9



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: VN052625.D

Acq: 3 Dec 2018 12:14

Instrument :

MSVOA_N

ClientSampleId :

PB115231ZHE#02

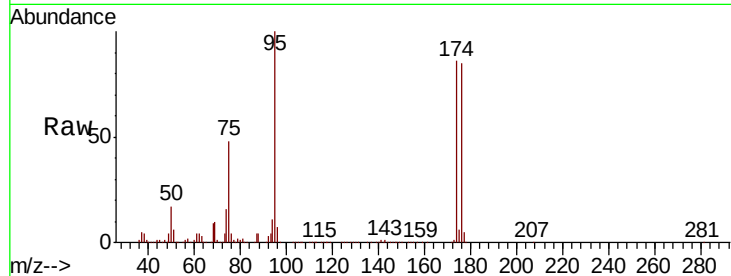
Tot Ion: 95 Resp: 675891

Ion Ratio Lower Upper

95 100

174 87.9 0.0 173.0

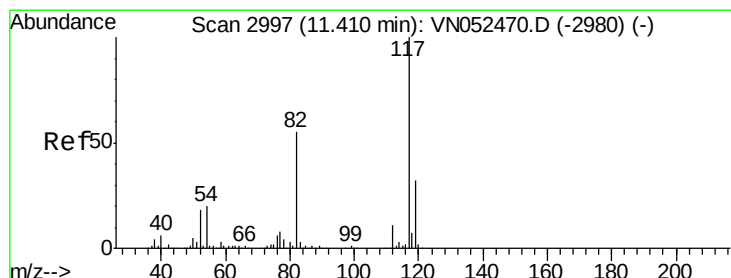
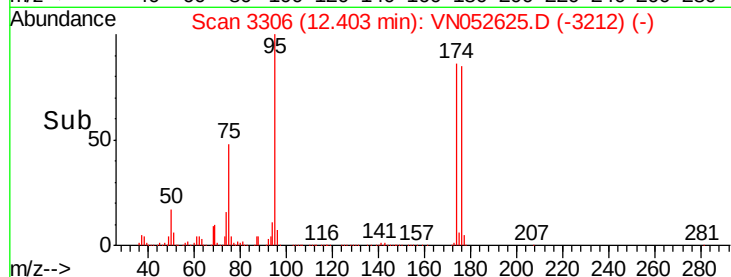
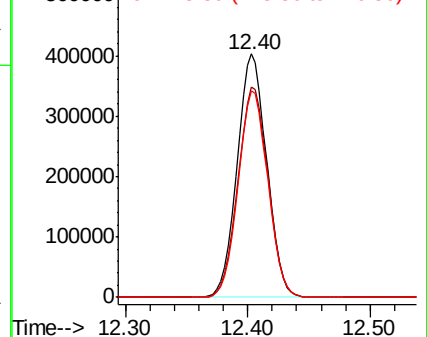
176 85.3 0.0 166.2



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# 2997

Delta R.T. -0.00 min

Lab File: VN052625.D

Acq: 3 Dec 2018 12:14

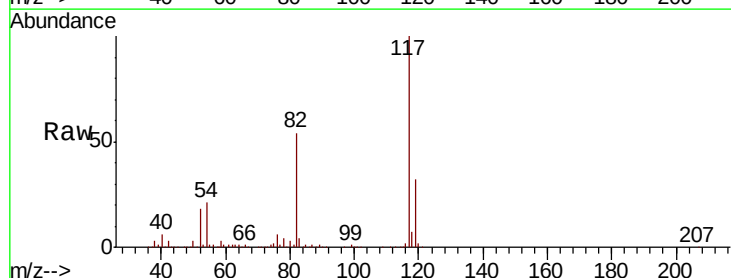
Tgt Ion: 117 Resp: 1572665

Ion Ratio Lower Upper

117 100

82 54.1 43.6 65.4

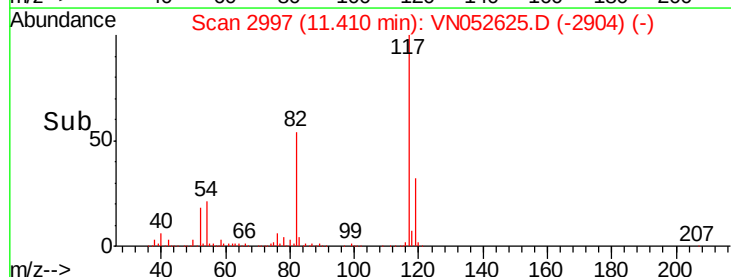
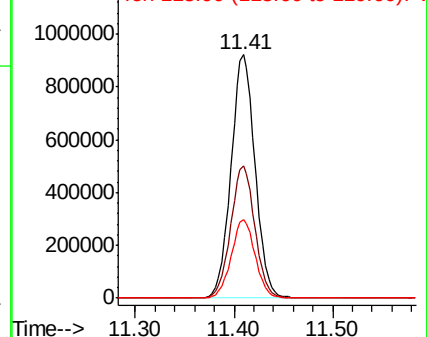
119 32.3 25.4 38.2

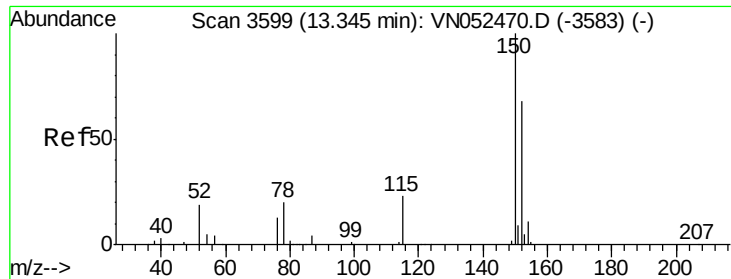


Abundance Ion 116.90 (116.60 to 117.60): VN052470.D (-2980) (-)

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: VN052625.D

Acq: 3 Dec 2018 12:14

Instrument :

MSVOA_N

ClientSampleId :

PB115231ZHE#02

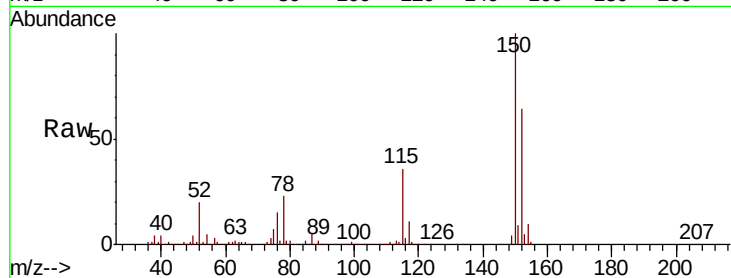
Tot Ion:152 Resp: 557278

Ion Ratio Lower Upper

152 100

115 56.5 28.4 85.2

150 156.4 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

