

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN113018\
 Data File : VN052601.D
 Acq On : 30 Nov 2018 12:41
 Operator : MD\SY
 Sample : PB115186TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115186TB

Quant Time: Dec 01 01:10:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 2018
 Response via : Initial Calibration

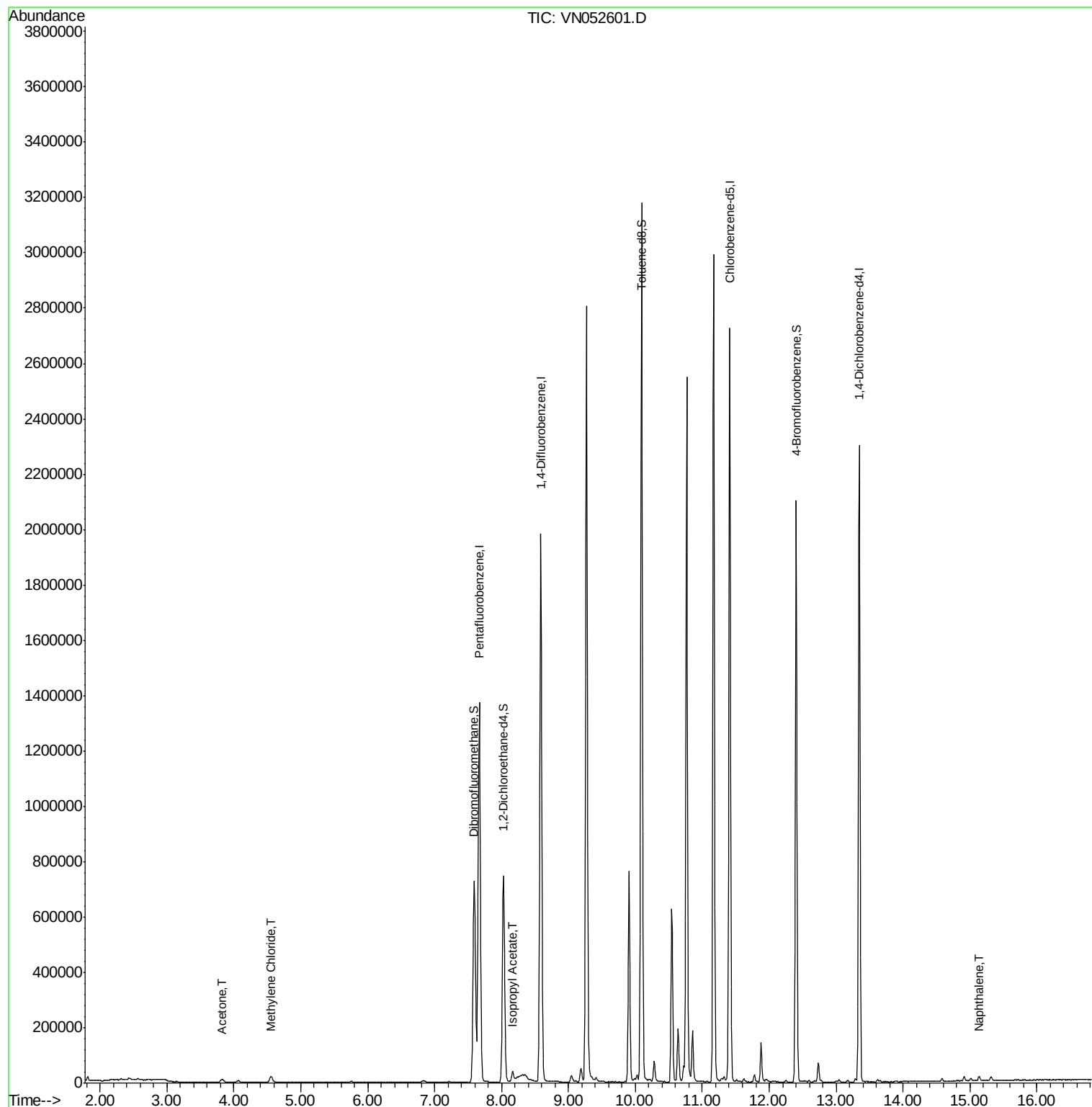
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1196019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1850850	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1632568	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	636685	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	632832	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
35) Dibromofluoromethane	7.59	113	571218	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
50) Toluene-d8	10.09	98	2254786	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.54%	
62) 4-Bromofluorobenzene	12.40	95	722875	48.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.86%	
Target Compounds						
16) Acetone	3.82	43	22786	6.634	ug/l	96
20) Methylene Chloride	4.55	84	16243	1.208	ug/l #	94
43) Isopropyl Acetate	8.17	43	51606	2.859	ug/l #	84
95) Naphthalene	15.14	128	13909	3.969	ug/l	98

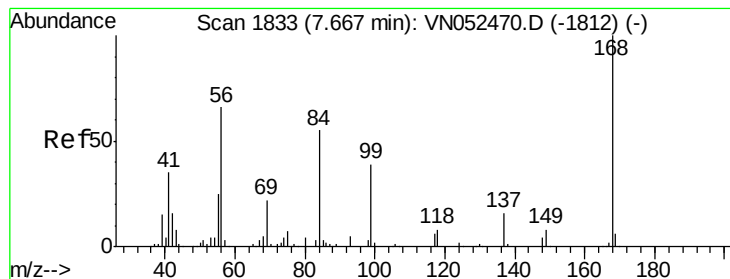
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN113018\
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Quant Title : SW846 8260
QLast Update : Wed Nov 28 01:11:38 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: VN052601.D

Acq: 30 Nov 2018 12:41

Instrument :

MSVOA_N

ClientSampleId :

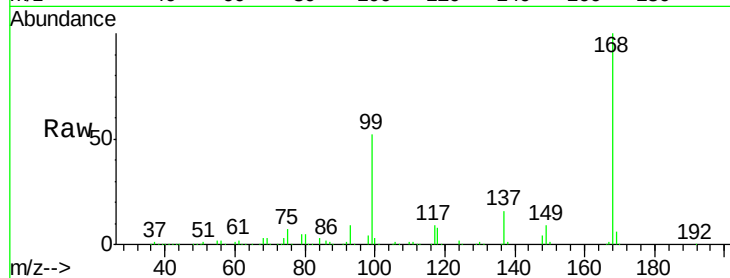
PB115186TB

Tgt Ion:168 Resp: 1196019

Ion Ratio Lower Upper

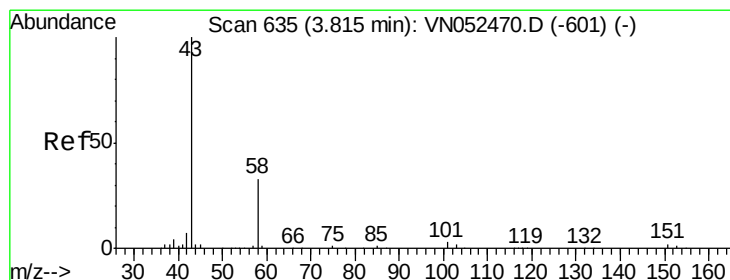
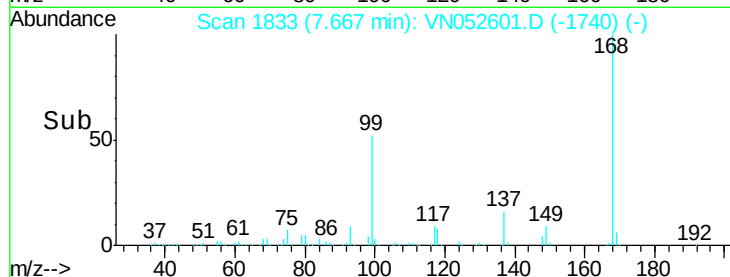
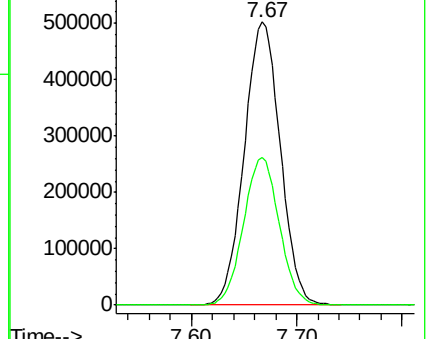
168 100

99 52.4 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 6.634 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052601.D

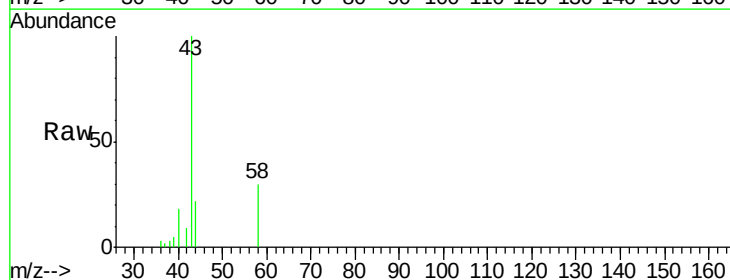
Acq: 30 Nov 2018 12:41

Tgt Ion: 43 Resp: 22786

Ion Ratio Lower Upper

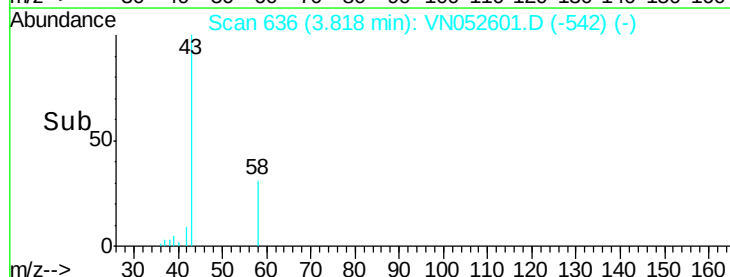
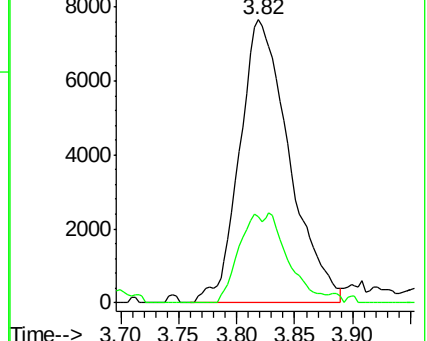
43 100

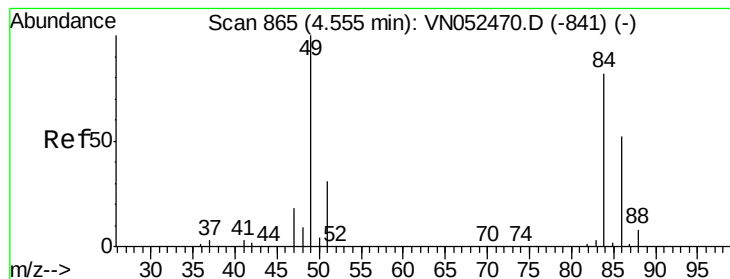
58 30.4 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methylene Chloride

Concen: 1.208 ug/l

RT: 4.55 min Scan# 864

Delta R.T. -0.00 min

Lab File: VN052601.D

Acq: 30 Nov 2018 12:41

Instrument :

MSVOA_N

ClientSampled :

PB115186TB

Tgt Ion: 84 Resp: 16243

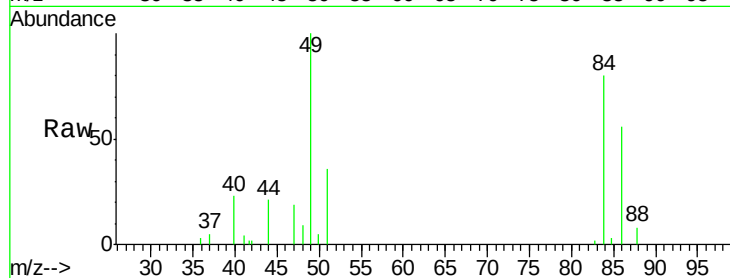
Ion Ratio Lower Upper

84 100

49 125.1 98.0 147.0

51 45.4 30.1 45.1#

86 69.9 50.7 76.1



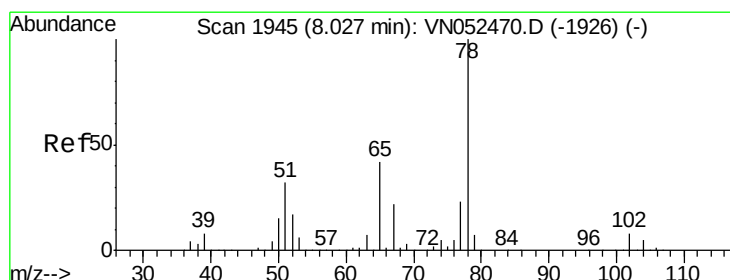
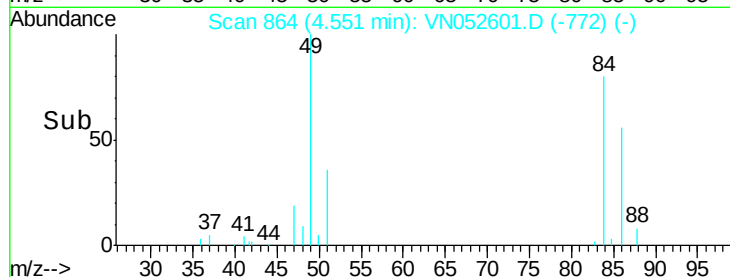
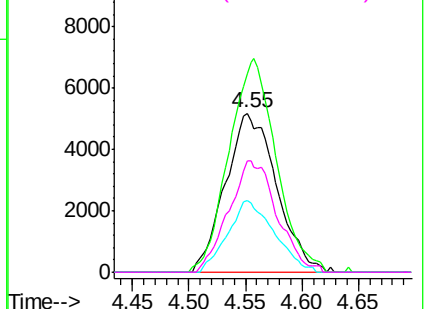
Abundance

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: VN052601.D

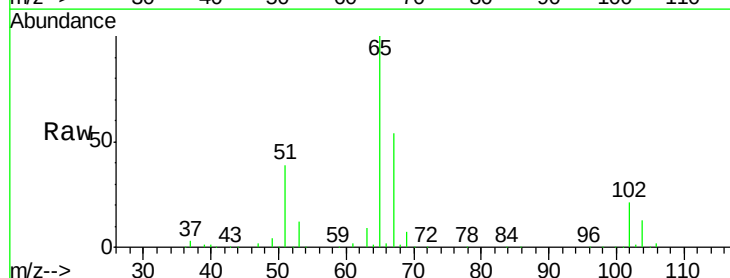
Acq: 30 Nov 2018 12:41

Tgt Ion: 65 Resp: 632832

Ion Ratio Lower Upper

65 100

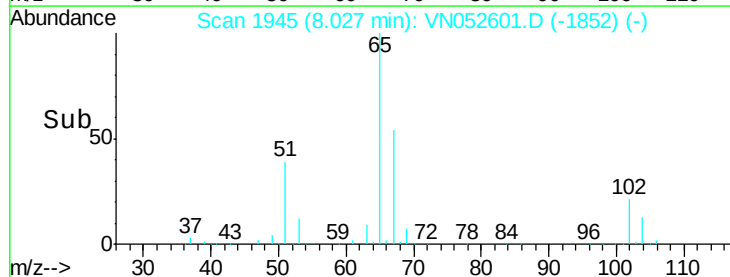
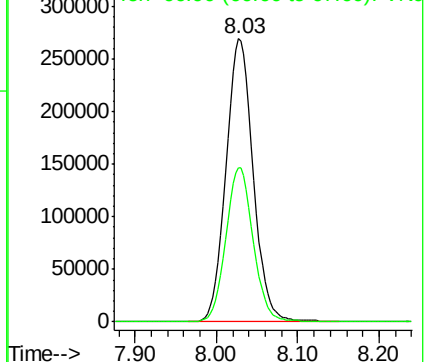
67 54.6 0.0 109.8

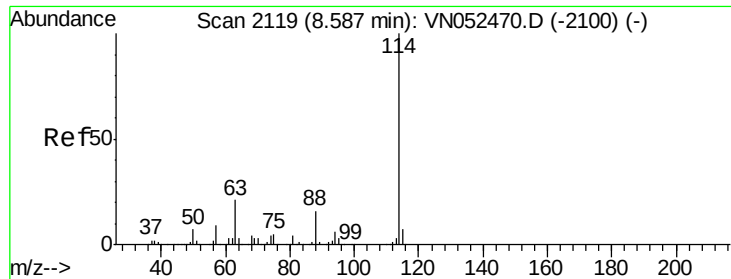


Abundance

Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

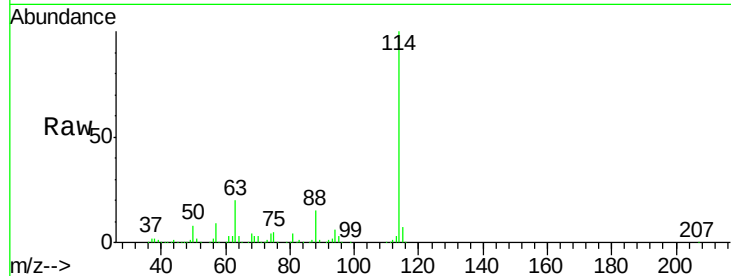




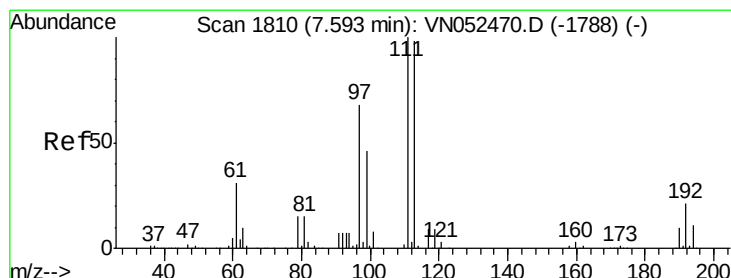
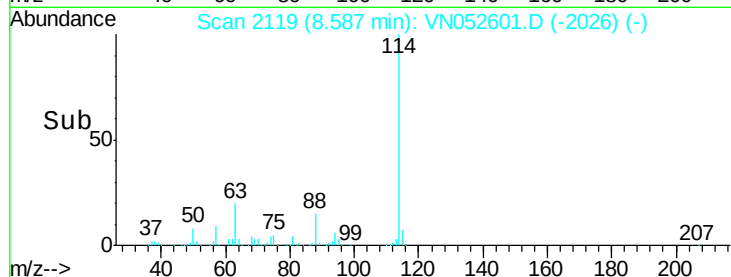
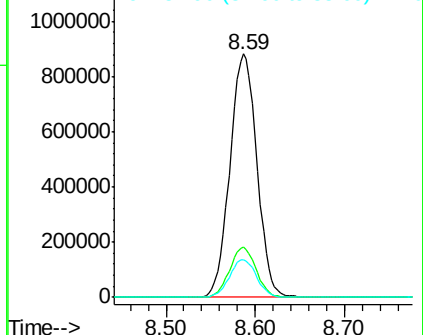
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052601.D
 Acq: 30 Nov 2018 12:41

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115186TB

Tgt Ion:114 Resp: 1850850
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.8
 88 15.4 0.0 31.6

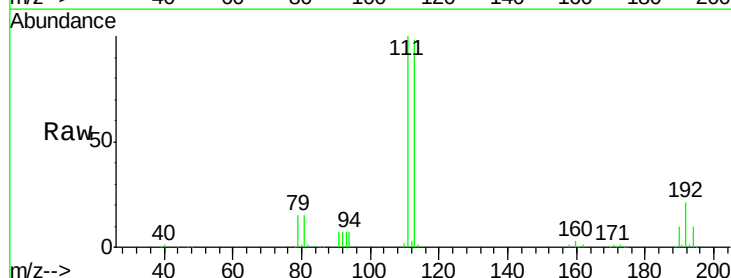


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

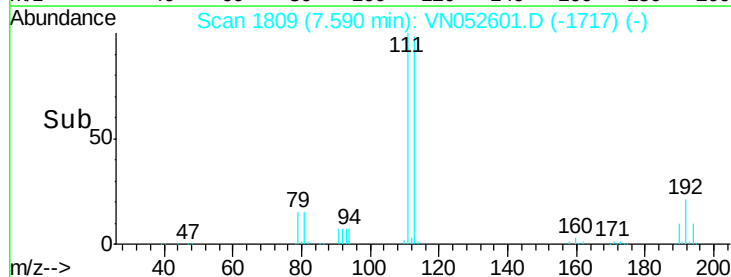
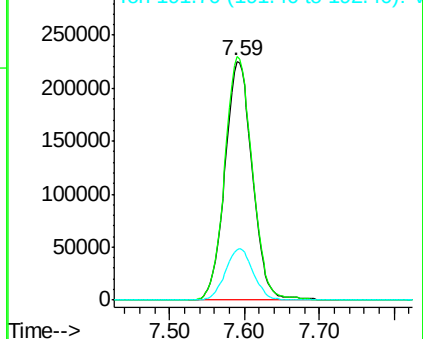


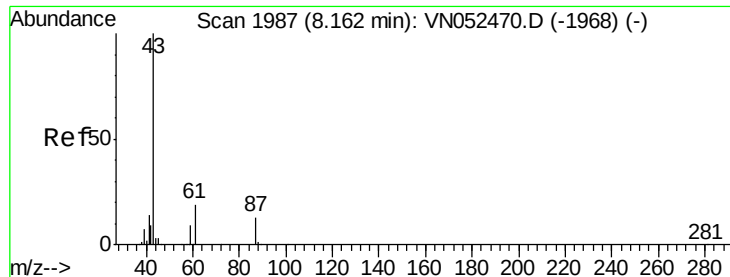
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052601.D
 Acq: 30 Nov 2018 12:41

Tgt Ion:113 Resp: 571218
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.0 123.0
 192 22.0 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: 2.859 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052601.D

Acq: 30 Nov 2018 12:41

Instrument :

MSVOA_N

ClientSampleId :

PB115186TB

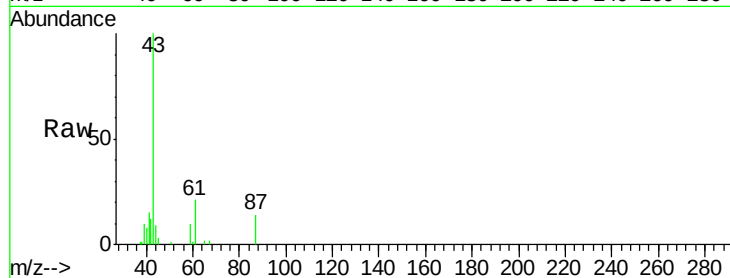
Tgt Ion: 43 Resp: 51606

Ion Ratio Lower Upper

43 100

61 18.9 24.1 36.1#

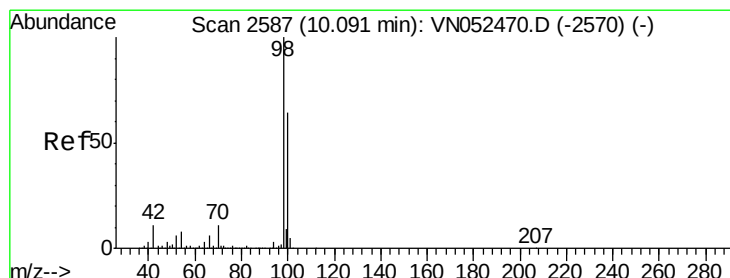
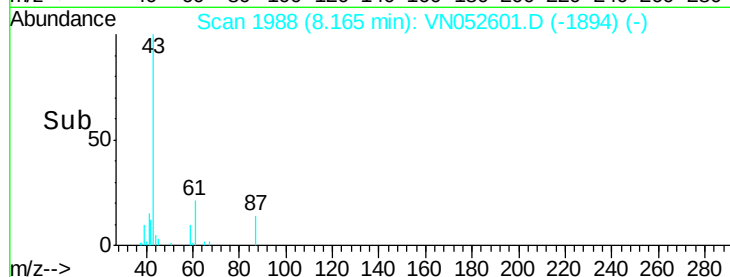
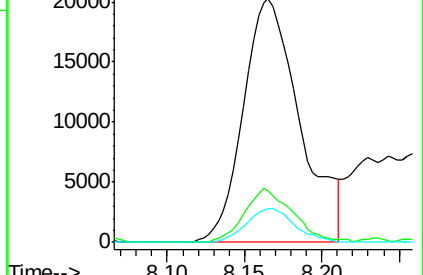
87 11.7 10.6 15.8



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: VN052601.D

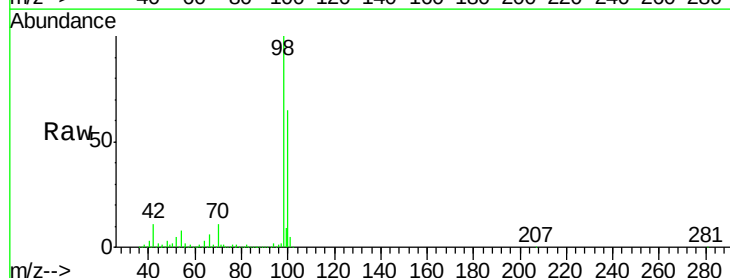
Acq: 30 Nov 2018 12:41

Tgt Ion: 98 Resp: 2254786

Ion Ratio Lower Upper

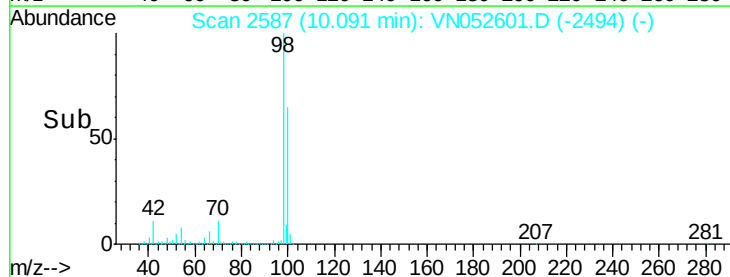
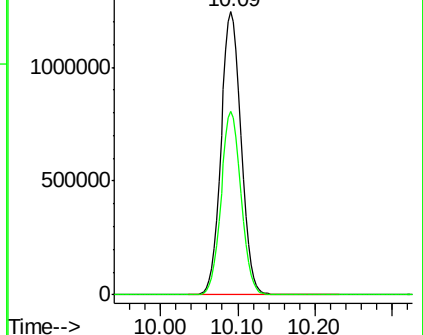
98 100

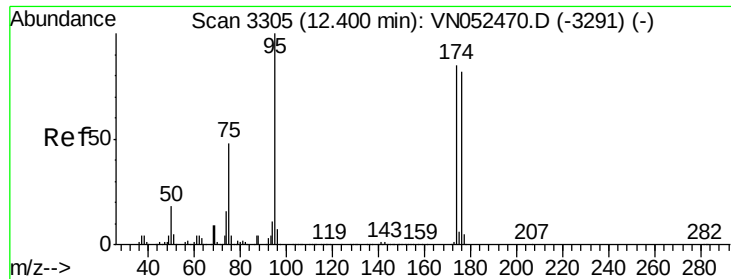
100 64.5 51.3 76.9



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: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052601.D

Acq: 30 Nov 2018 12:41

Instrument :

MSVOA_N

ClientSampled :

PB115186TB

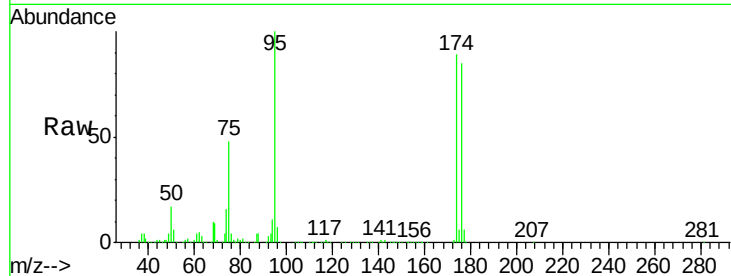
Tgt Ion: 95 Resp: 722875

Ion Ratio Lower Upper

95 100

174 88.2 0.0 173.0

176 84.6 0.0 166.2

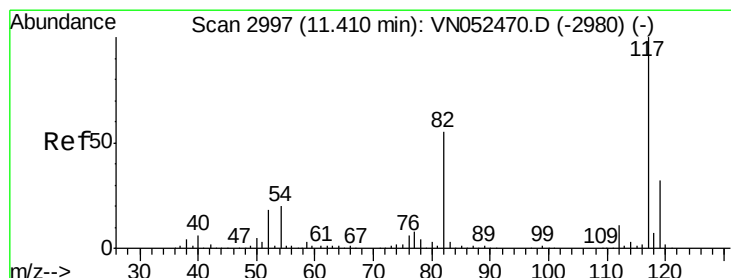
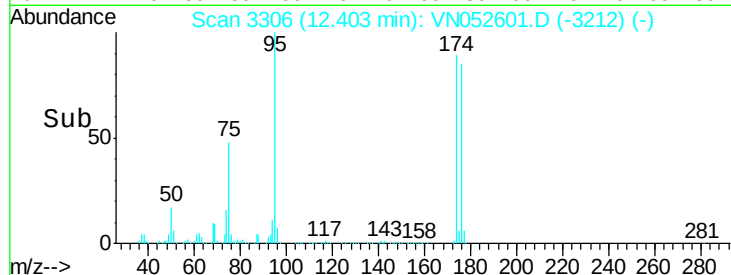


Abundance Ion 94.90 (94.60 to 95.60): VN052470.D (-3291) (-)

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

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

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. -0.00 min

Lab File: VN052601.D

Acq: 30 Nov 2018 12:41

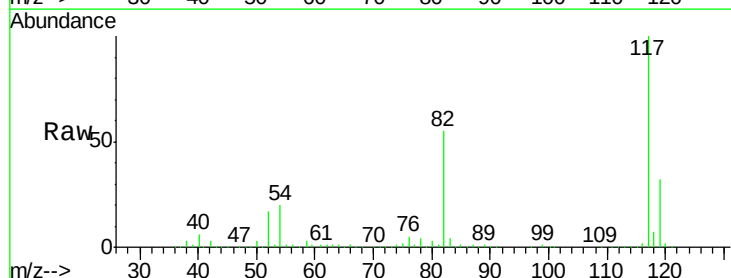
Tgt Ion: 117 Resp: 1632568

Ion Ratio Lower Upper

117 100

82 54.7 43.6 65.4

119 32.2 25.4 38.2

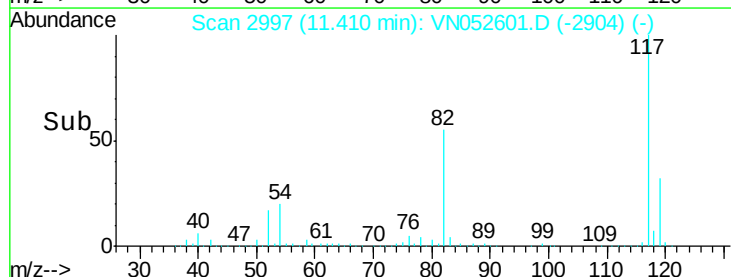


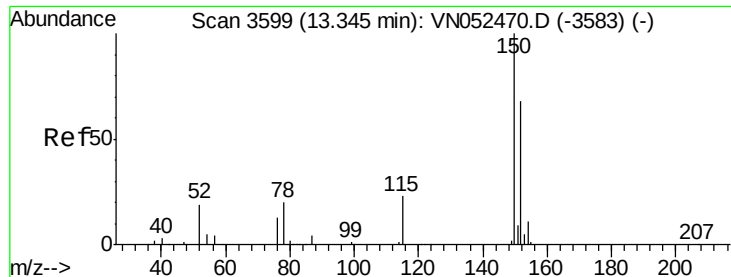
Abundance Ion 116.90 (116.60 to 117.60): VN052470.D (-2980) (-)

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

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

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN052601.D

Acq: 30 Nov 2018 12:41

Instrument :

MSVOA_N

ClientSampled :

PB115186TB

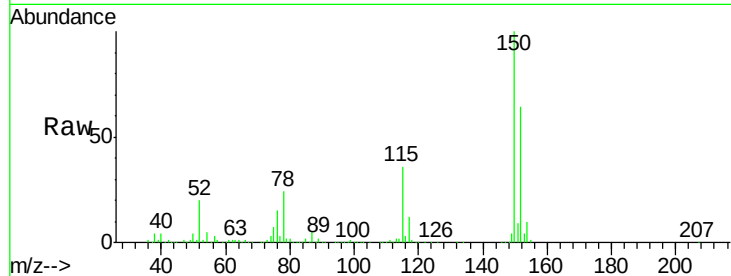
Tgt Ion:152 Resp: 636685

Ion Ratio Lower Upper

152 100

115 56.2 28.4 85.2

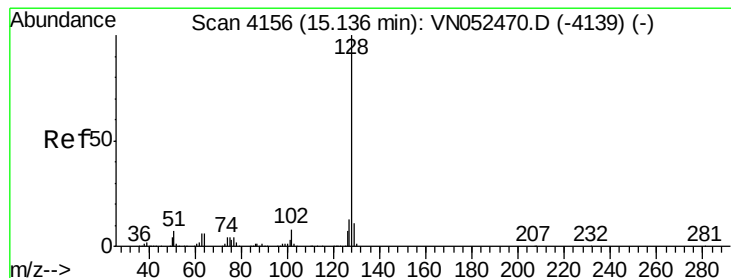
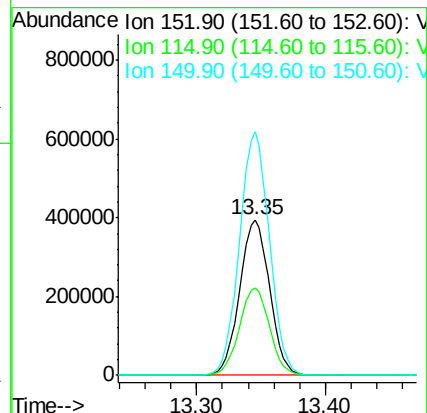
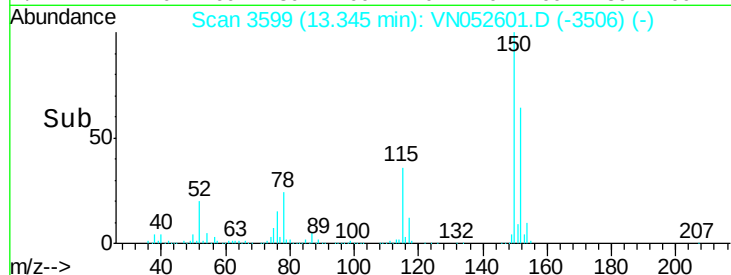
150 156.7 0.0 346.0



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



#95

Naphthalene

Concen: 3.969 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN052601.D

Acq: 30 Nov 2018 12:41

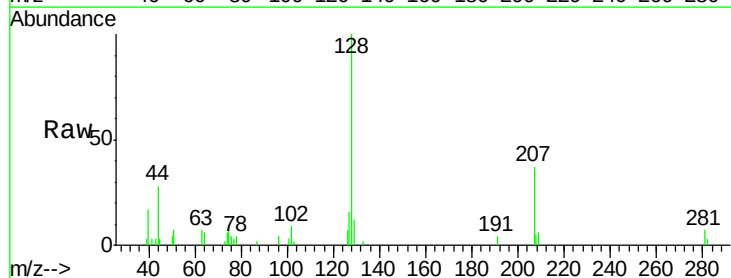
Tgt Ion:128 Resp: 13909

Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.2

129 9.3 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

