

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112918\
 Data File : VN052561.D
 Acq On : 29 Nov 2018 13:32
 Operator : MD\SY
 Sample : PB115155TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115155TB

Quant Time: Nov 30 02:58:56 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

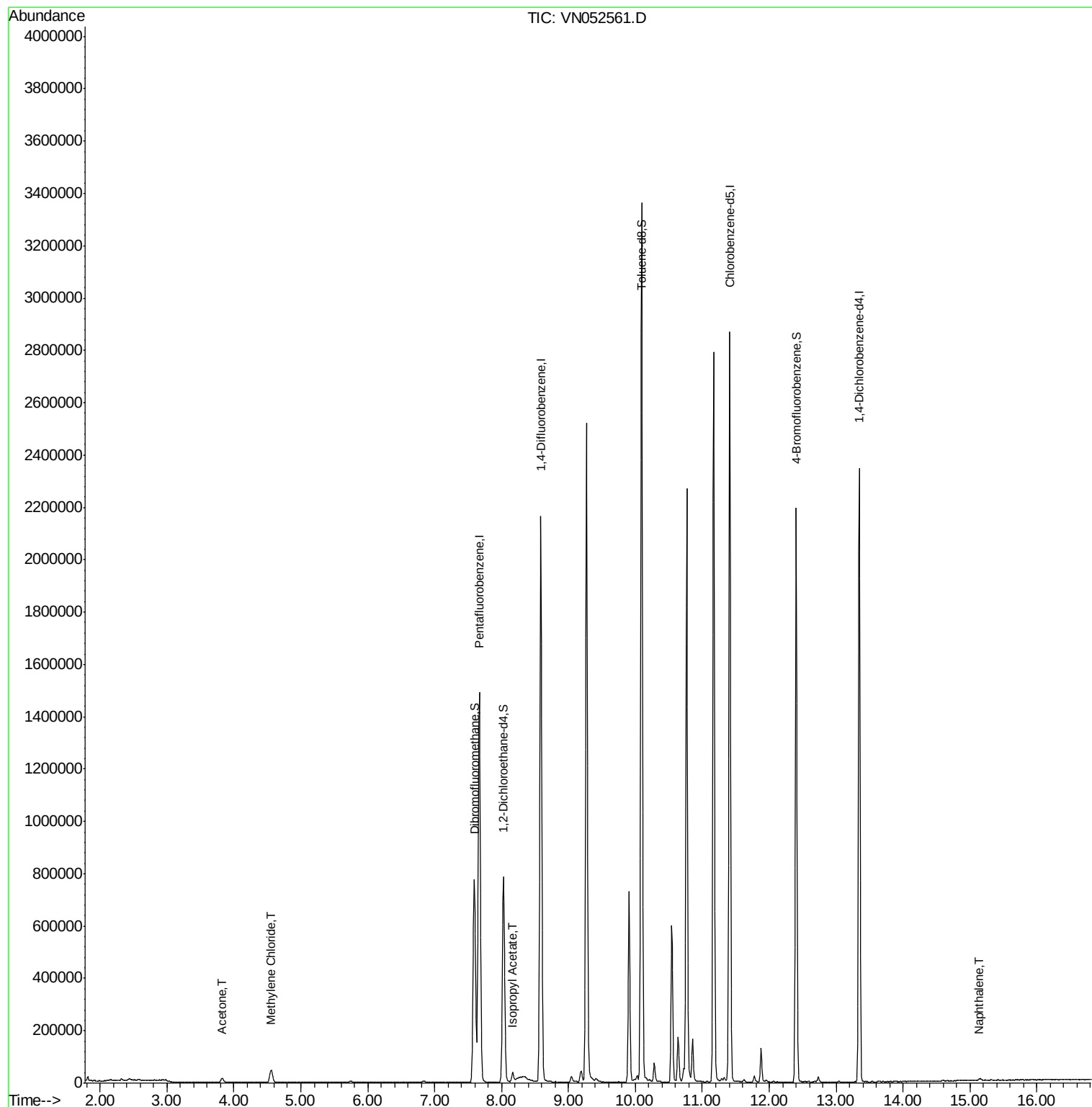
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1299413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1990916	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1735743	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	661183	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	667458	47.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.36%	
35) Dibromofluoromethane	7.59	113	608550	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.16%	
50) Toluene-d8	10.09	98	2407299	50.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.78%	
62) 4-Bromofluorobenzene	12.40	95	762443	47.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.98%	
Target Compounds						
16) Acetone	3.82	43	28221	7.562	ug/l	97
20) Methylene Chloride	4.55	84	36869	2.525	ug/l	93
43) Isopropyl Acetate	8.17	43	45174	2.326	ug/l #	87
95) Naphthalene	15.14	128	5027	3.617	ug/l #	94

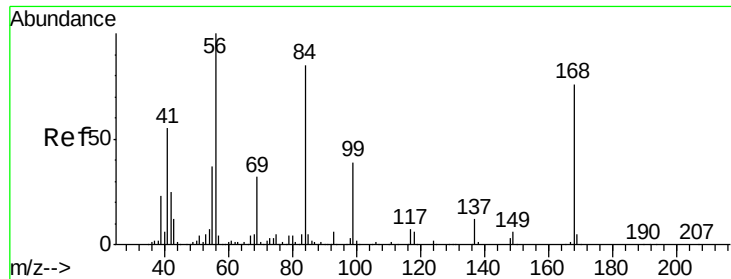
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN112918\
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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: VN052561.D

Acq: 29 Nov 2018 13:32

Instrument :

MSVOA_N

ClientSampleId :

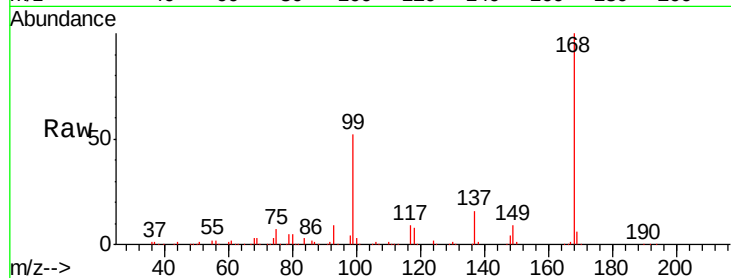
PB115155TB

Tgt Ion:168 Resp: 1299413

Ion Ratio Lower Upper

168 100

99 51.8 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): VN0

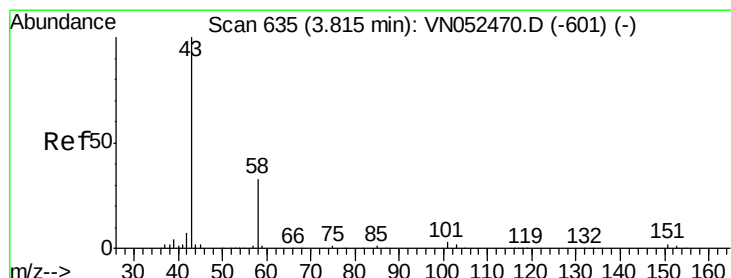
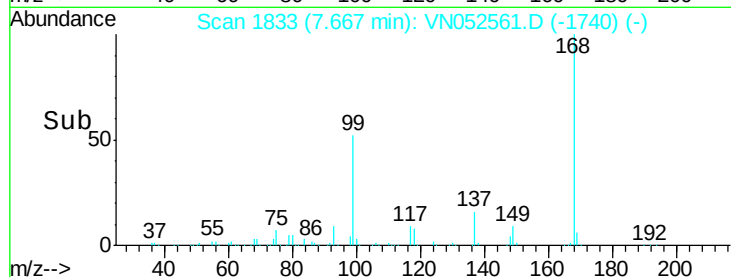
Ion 98.90 (98.60 to 99.60): VN0

Time-->

7.67

7.70

7.80



#16

Acetone

Concen: 7.562 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN052561.D

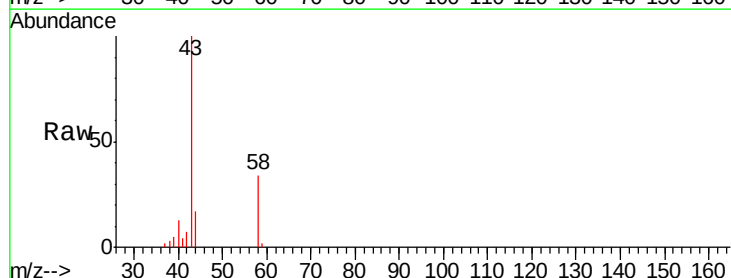
Acq: 29 Nov 2018 13:32

Tgt Ion: 43 Resp: 28221

Ion Ratio Lower Upper

43 100

58 34.3 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

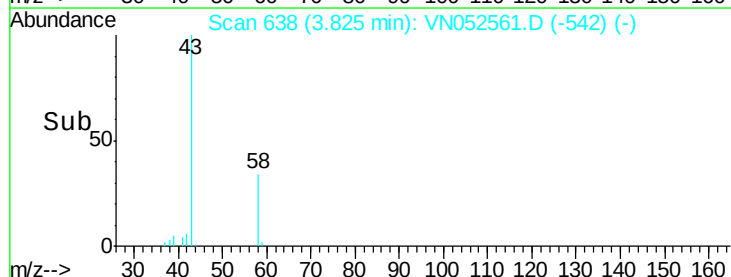
Ion 58.00 (57.70 to 58.70): VN0

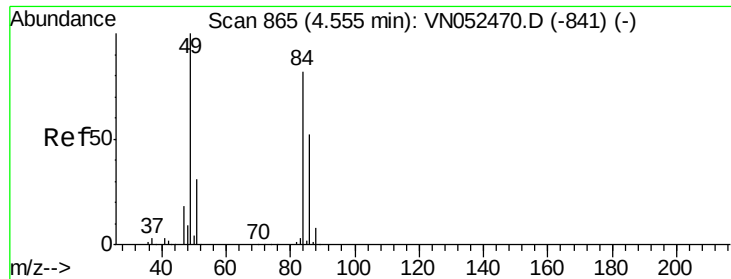
Time-->

3.82

3.85

3.90





#20

Methylene Chloride

Concen: 2.525 ug/l

RT: 4.55 min Scan# 864

Delta R.T. -0.00 min

Lab File: VN052561.D

Acq: 29 Nov 2018 13:32

Instrument :

MSVOA_N

ClientSampleId :

PB115155TB

Tgt Ion: 84 Resp: 36869

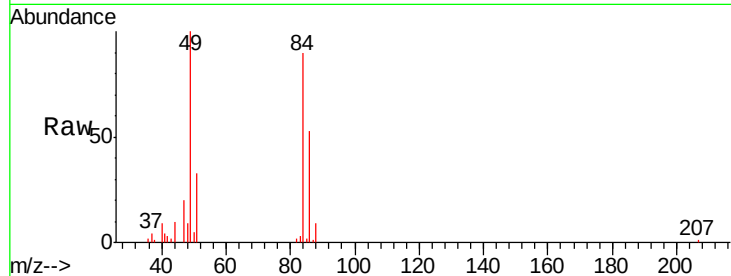
Ion Ratio Lower Upper

84 100

49 111.5 98.0 147.0

51 36.3 30.1 45.1

86 59.1 50.7 76.1

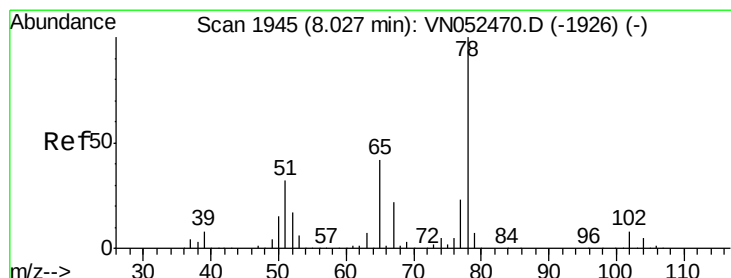
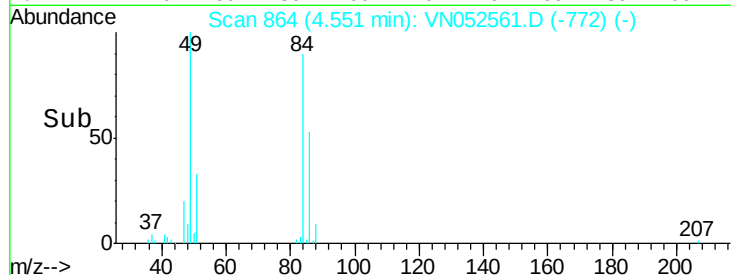
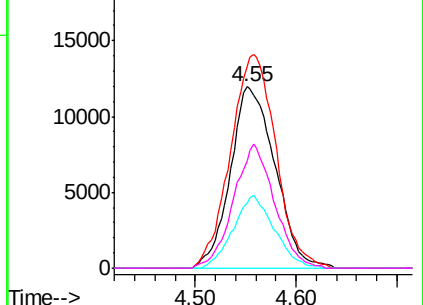


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: VN052561.D

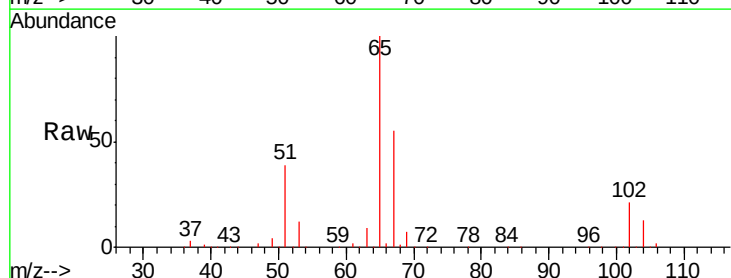
Acq: 29 Nov 2018 13:32

Tgt Ion: 65 Resp: 667458

Ion Ratio Lower Upper

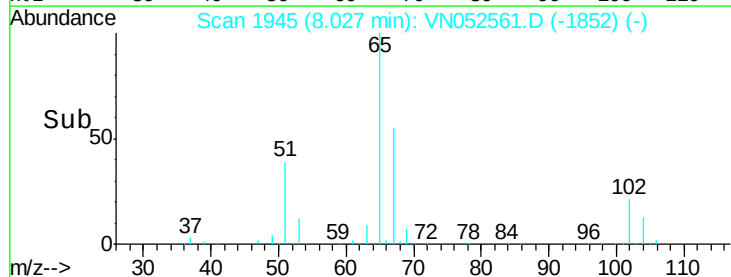
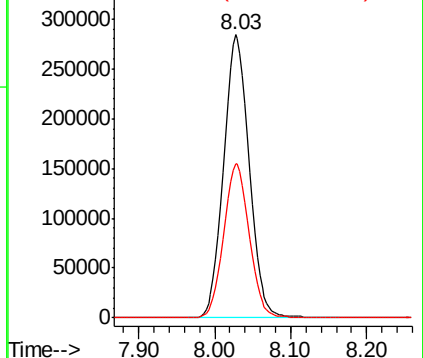
65 100

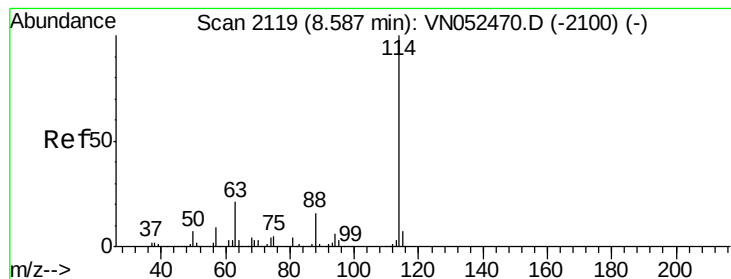
67 54.3 0.0 109.8



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: VN052561.D

Acq: 29 Nov 2018 13:32

Instrument :

MSVOA_N

ClientSampleId :

PB115155TB

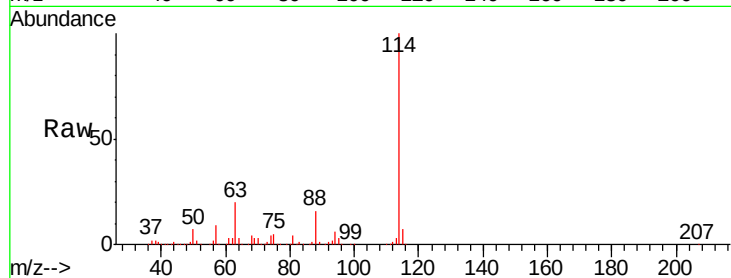
Tgt Ion:114 Resp: 1990916

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.8

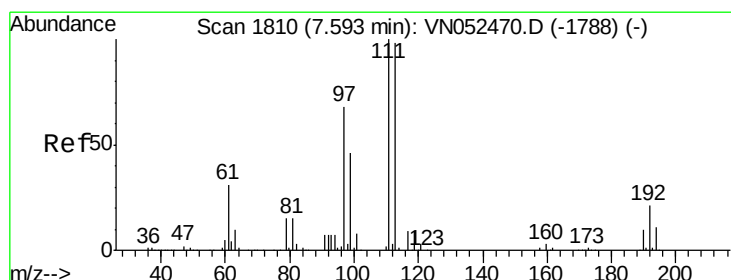
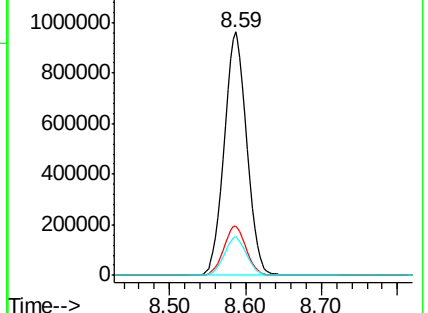
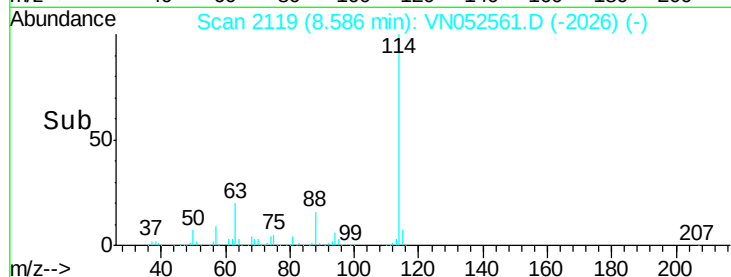
88 15.8 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN052561.D

Acq: 29 Nov 2018 13:32

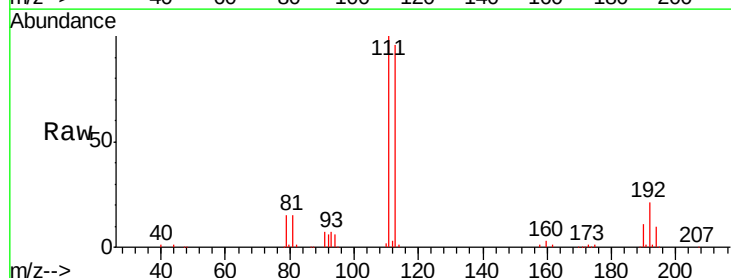
Tgt Ion:113 Resp: 608550

Ion Ratio Lower Upper

113 100

111 103.0 82.0 123.0

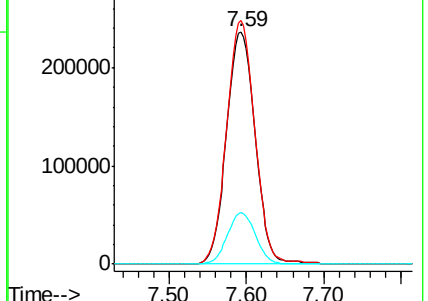
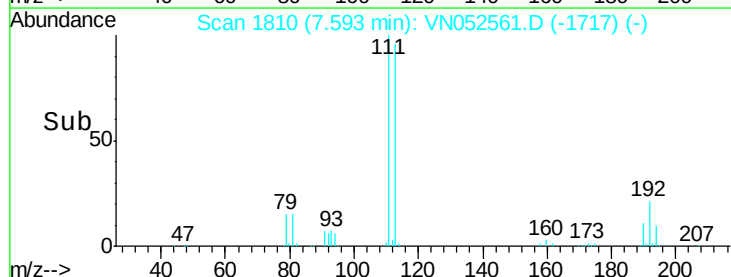
192 21.8 17.0 25.6

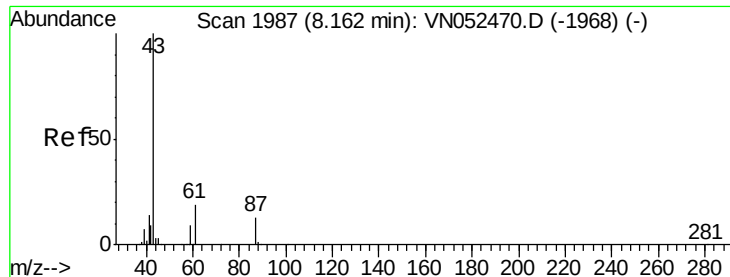


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.326 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052561.D

Acq: 29 Nov 2018 13:32

Instrument :

MSVOA_N

ClientSampled :

PB115155TB

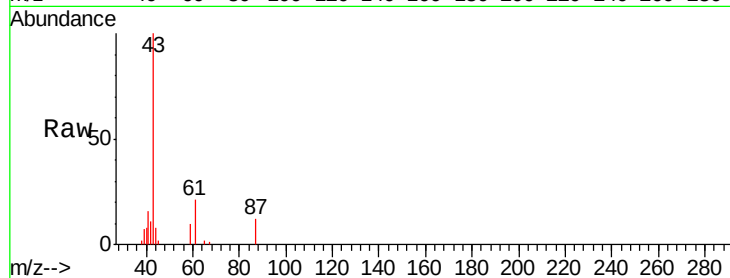
Tgt Ion: 43 Resp: 45174

Ion Ratio Lower Upper

43 100

61 20.2 24.1 36.1#

87 12.6 10.6 15.8

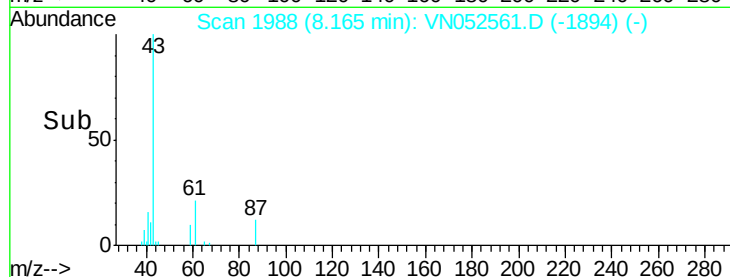


Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN052470.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN052470.D (-1968) (-)

Time-->



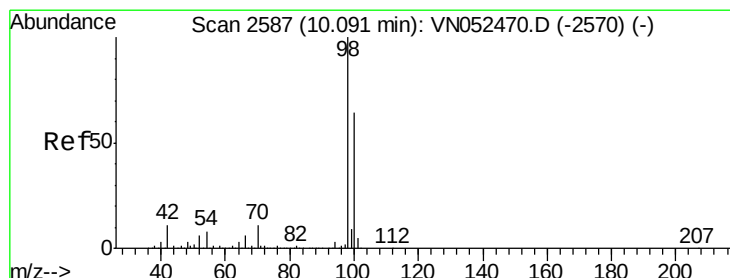
Abundance

Ion 43.00 (42.70 to 43.70): VN052561.D (-1894) (-)

Ion 61.00 (60.70 to 61.70): VN052561.D (-1894) (-)

Ion 87.00 (86.70 to 87.70): VN052561.D (-1894) (-)

Time-->



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052561.D

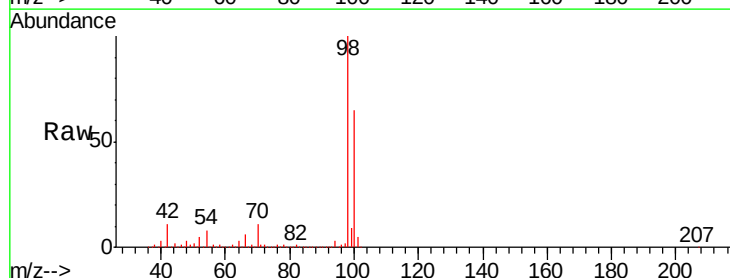
Acq: 29 Nov 2018 13:32

Tgt Ion: 98 Resp: 2407299

Ion Ratio Lower Upper

98 100

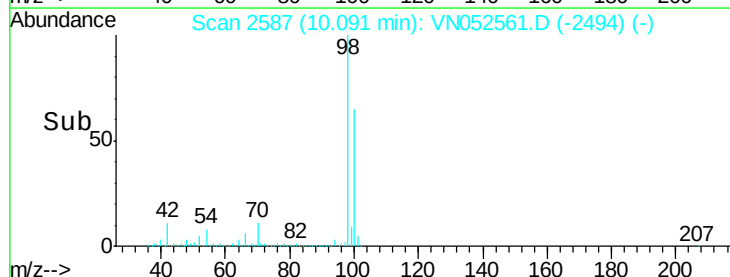
100 64.5 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN052470.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052470.D (-2570) (-)

Time-->

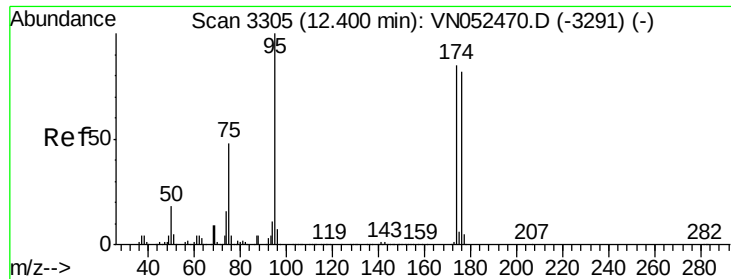


Abundance

Ion 98.00 (97.70 to 98.70): VN052561.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN052561.D (-2494) (-)

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052561.D

Acq: 29 Nov 2018 13:32

Instrument :

MSVOA_N

ClientSampleId :

PB115155TB

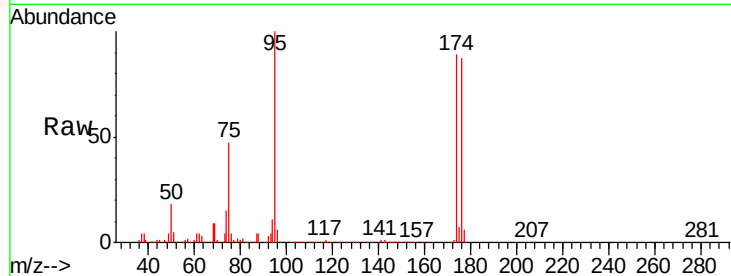
Tgt Ion: 95 Resp: 762443

Ion Ratio Lower Upper

95 100

174 88.4 0.0 173.0

176 85.5 0.0 166.2

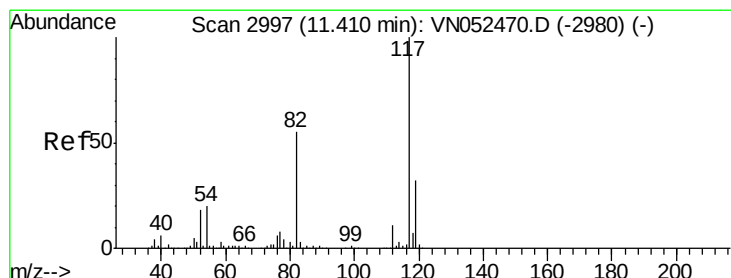
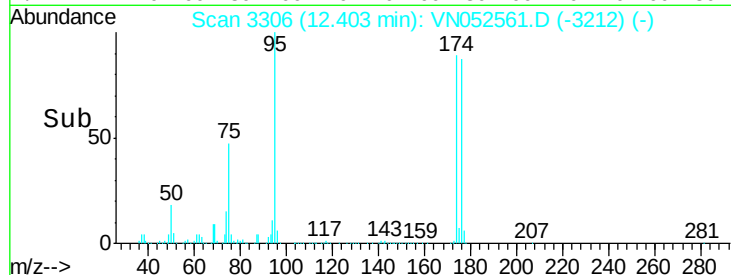


Abundance Ion 94.90 (94.60 to 95.60): VN052470.D (-3291) (-)

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

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

Time--> 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: VN052561.D

Acq: 29 Nov 2018 13:32

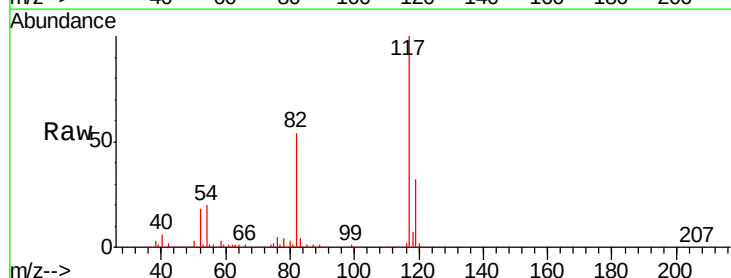
Tgt Ion: 117 Resp: 1735743

Ion Ratio Lower Upper

117 100

82 53.6 43.6 65.4

119 32.1 25.4 38.2

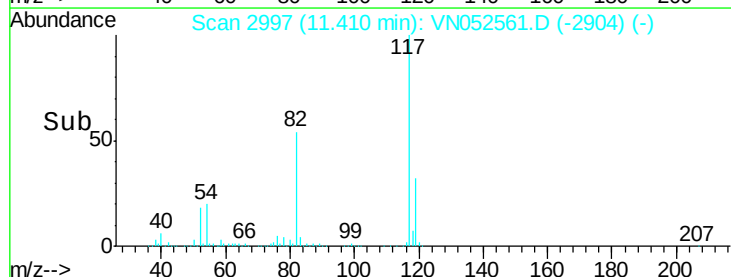


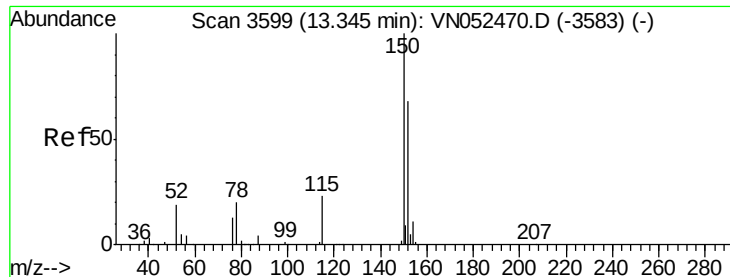
Abundance Ion 116.90 (116.60 to 117.60): VN052470.D (-2980) (-)

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

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

Time--> 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: VN052561.D

Acq: 29 Nov 2018 13:32

Instrument :

MSVOA_N

ClientSampled :

PB115155TB

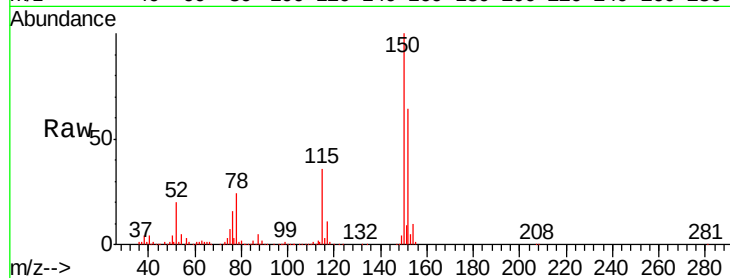
Tgt Ion:152 Resp: 661183

Ion Ratio Lower Upper

152 100

115 56.6 28.4 85.2

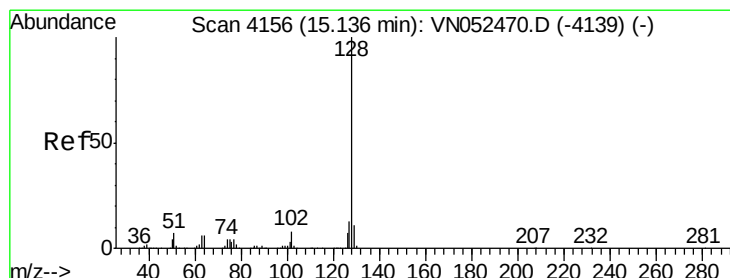
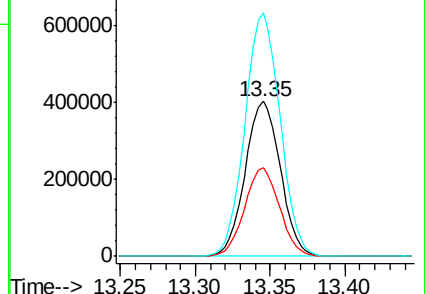
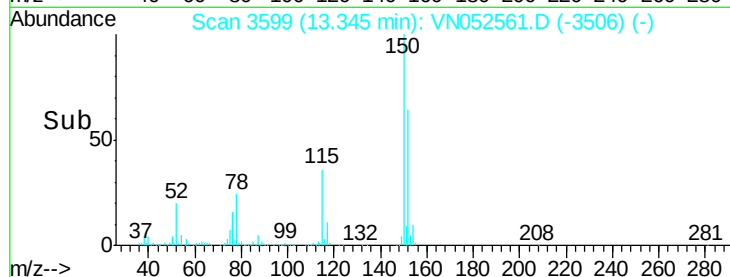
150 157.4 0.0 346.0



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



#95

Naphthalene

Concen: 3.617 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN052561.D

Acq: 29 Nov 2018 13:32

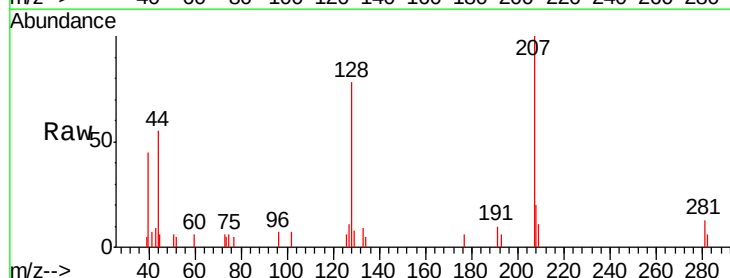
Tgt Ion:128 Resp: 5027

Ion Ratio Lower Upper

128 100

127 11.7 10.2 15.2

129 7.1 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

