

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN113018\
 Data File : VN052609.D
 Acq On : 30 Nov 2018 16:14
 Operator : MD\SY
 Sample : PB115186ZHE#07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115186ZHE#07

Quant Time: Dec 01 02:20:22 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

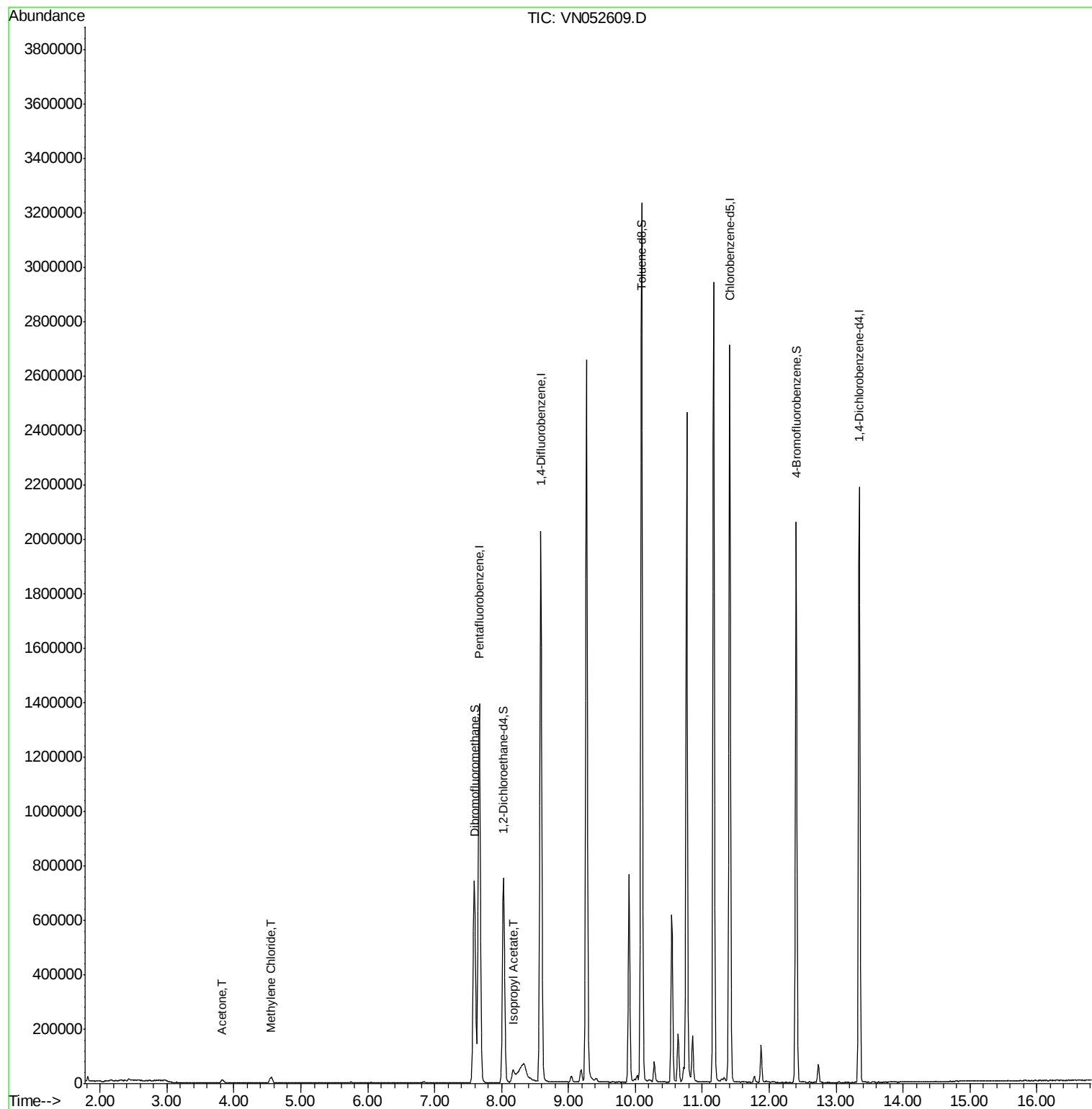
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1197294	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1880097	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1635782	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	618644	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	634730	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.38%	
35) Dibromofluoromethane	7.59	113	575717	49.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.34%	
50) Toluene-d8	10.09	98	2291793	50.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.60%	
62) 4-Bromofluorobenzene	12.40	95	713106	47.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.08%	
Target Compounds						
16) Acetone	3.82	43	19371	5.634	ug/l	93
20) Methylene Chloride	4.56	84	16453	1.223	ug/l	96
43) Isopropyl Acetate	8.17	43	64751	3.531	ug/l #	79

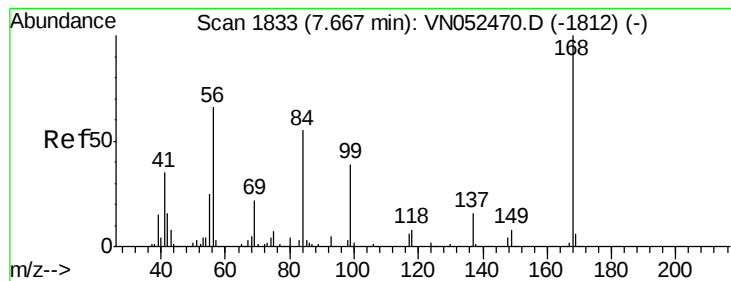
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

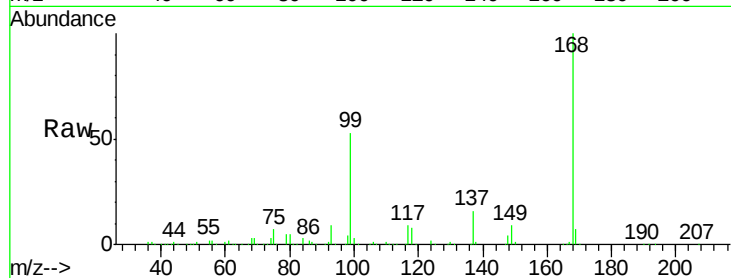
PB115186ZHE#07

Tgt Ion:168 Resp: 1197294

Ion Ratio Lower Upper

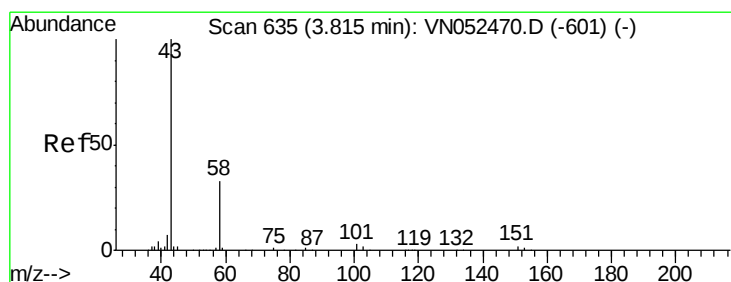
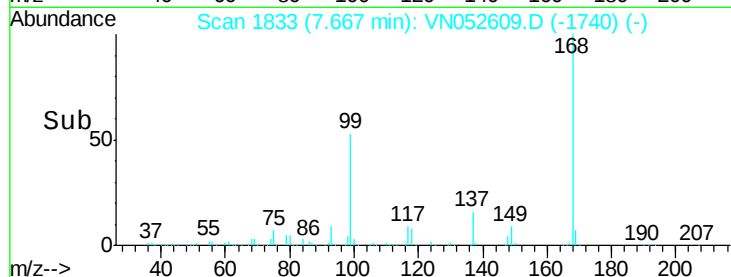
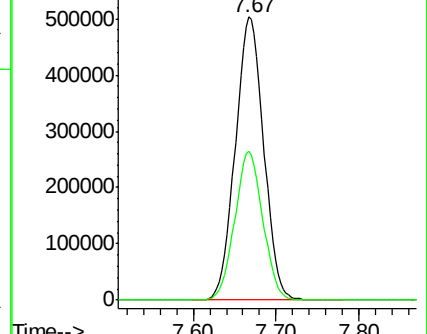
168 100

99 52.5 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: 5.634 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052609.D

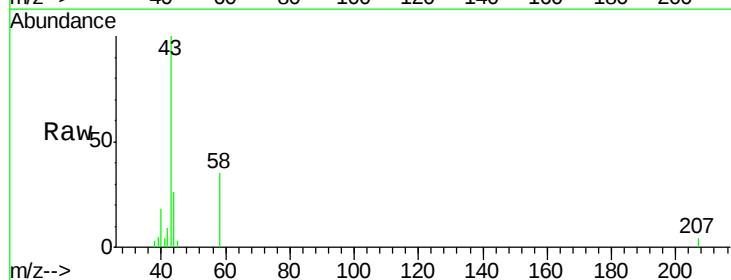
Acq: 30 Nov 2018 16:14

Tgt Ion: 43 Resp: 19371

Ion Ratio Lower Upper

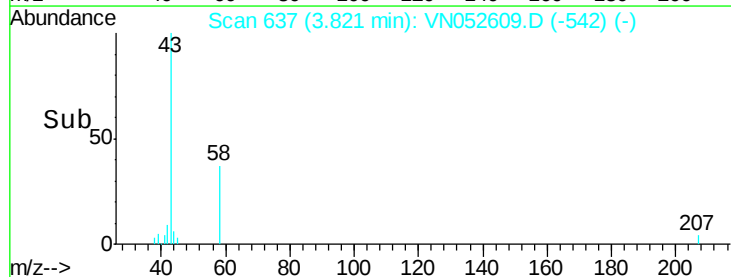
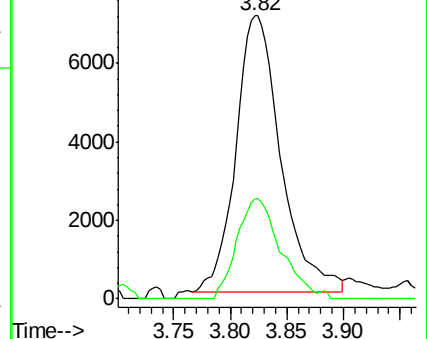
43 100

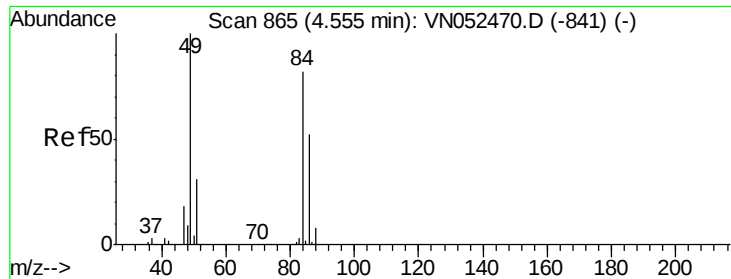
58 36.4 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

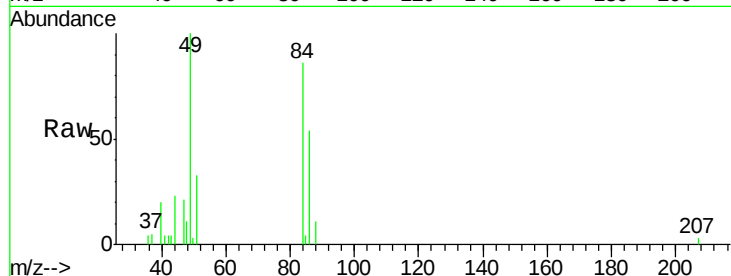




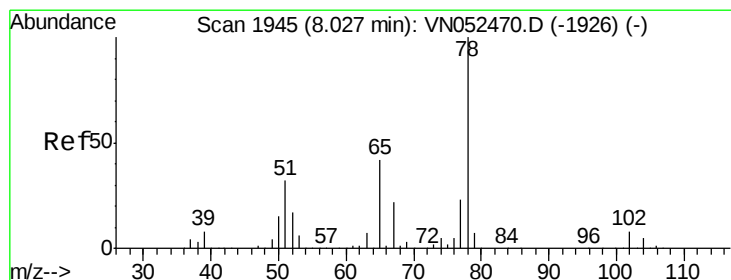
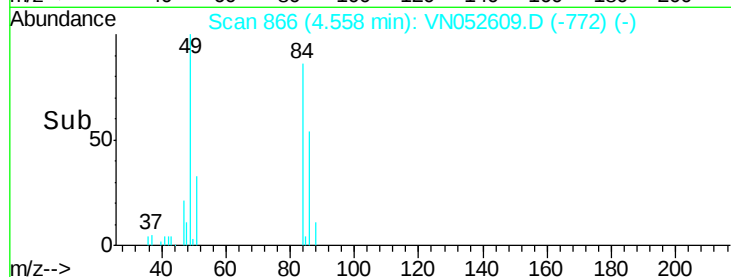
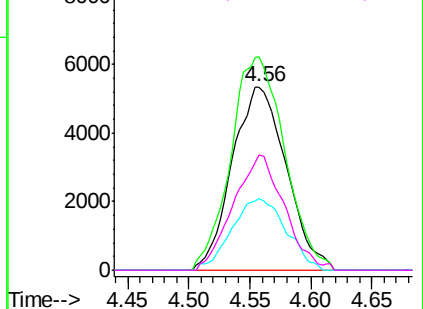
#20
Methylene Chloride
Concen: 1.223 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052609.D
Acq: 30 Nov 2018 16:14

Instrument :
MSVOA_N
ClientSampleId :
PB115186ZHE#07

Tgt Ion: 84 Resp: 16453
Ion Ratio Lower Upper
84 100
49 116.4 98.0 147.0
51 38.8 30.1 45.1
86 62.8 50.7 76.1

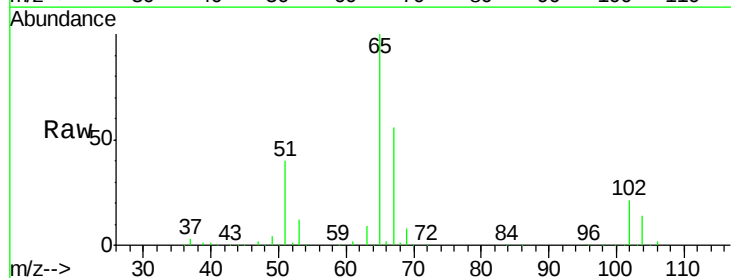


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

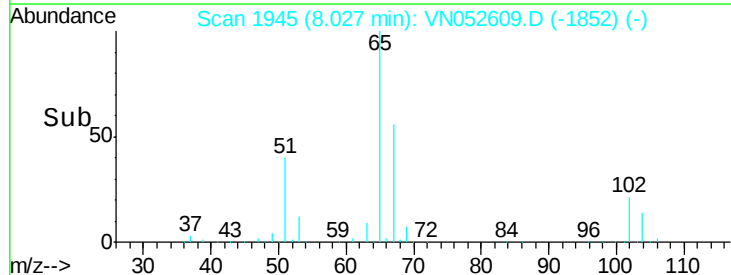
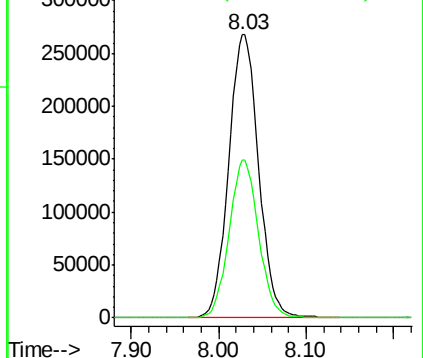


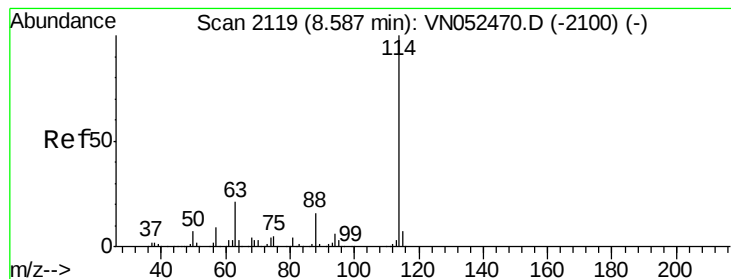
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052609.D
Acq: 30 Nov 2018 16:14

Tgt Ion: 65 Resp: 634730
Ion Ratio Lower Upper
65 100
67 54.9 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: VN052609.D

Acq: 30 Nov 2018 16:14

Instrument :

MSVOA_N

ClientSampleId :

PB115186ZHE#07

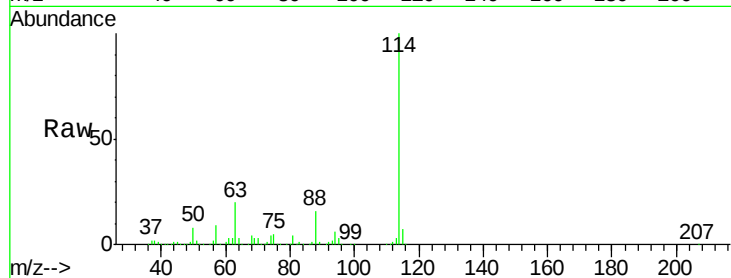
Tgt Ion:114 Resp: 1880097

Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.8

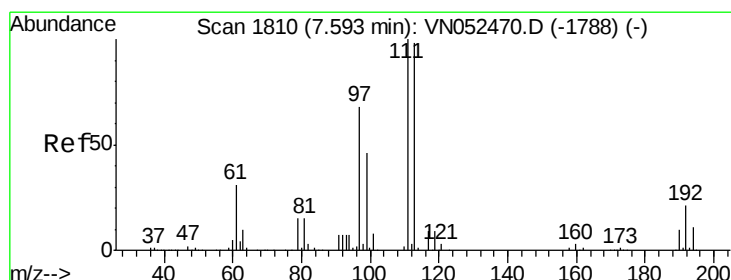
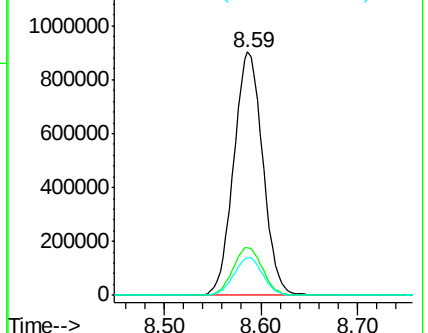
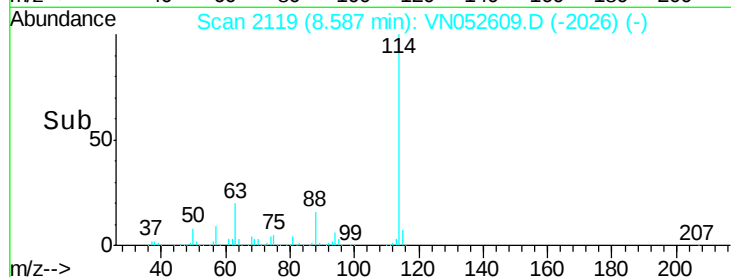
88 15.5 0.0 31.6



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: VN052609.D

Acq: 30 Nov 2018 16:14

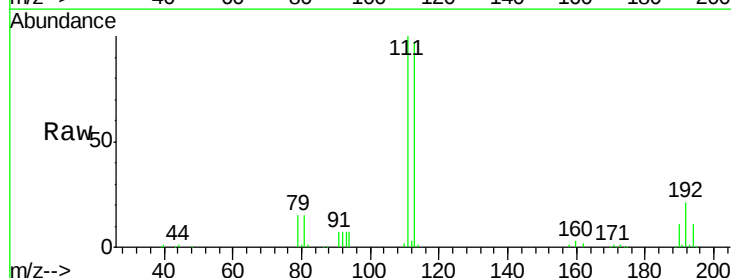
Tgt Ion:113 Resp: 575717

Ion Ratio Lower Upper

113 100

111 102.6 82.0 123.0

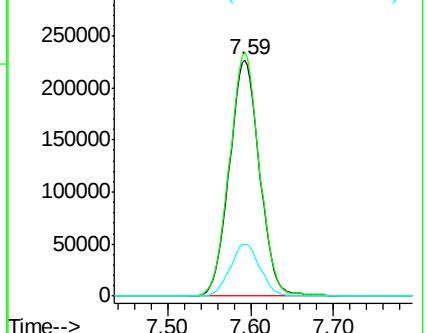
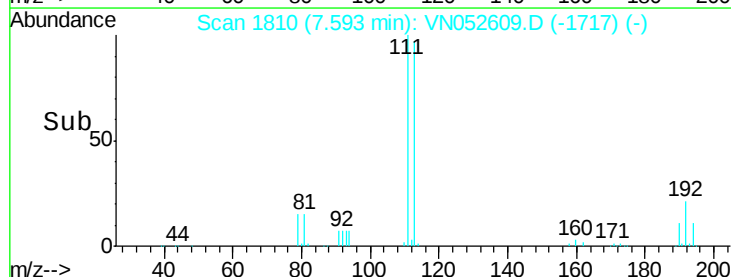
192 21.9 17.0 25.6

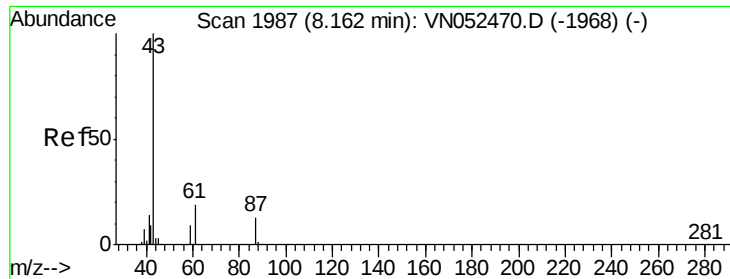


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

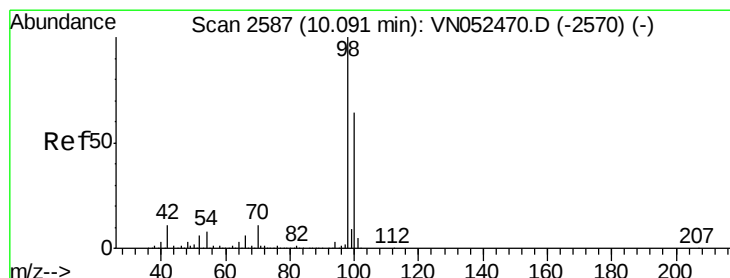
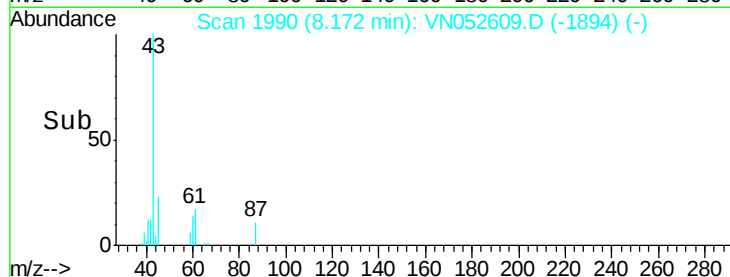
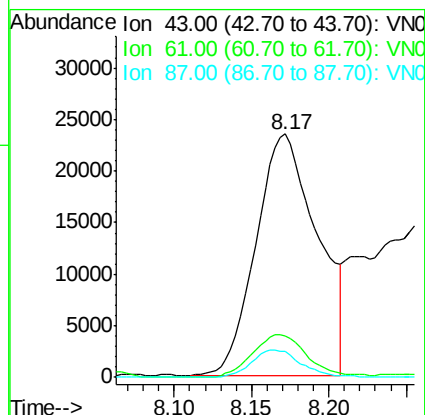
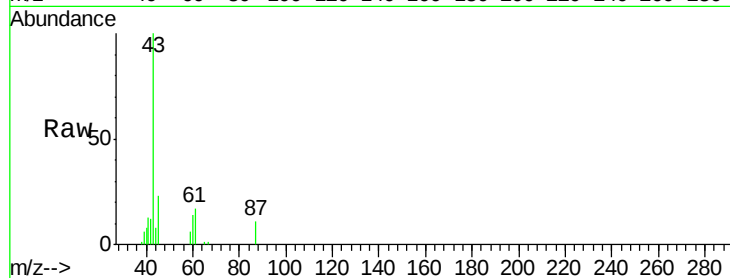




#43
Isopropyl Acetate
Concen: 3.531 ug/l
RT: 8.17 min Scan# 1990
Delta R.T. 0.01 min
Lab File: VN052609.D
Acq: 30 Nov 2018 16:14

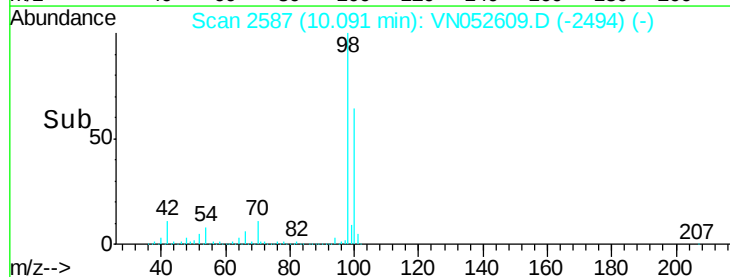
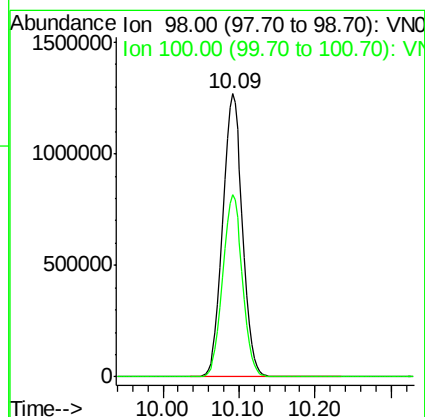
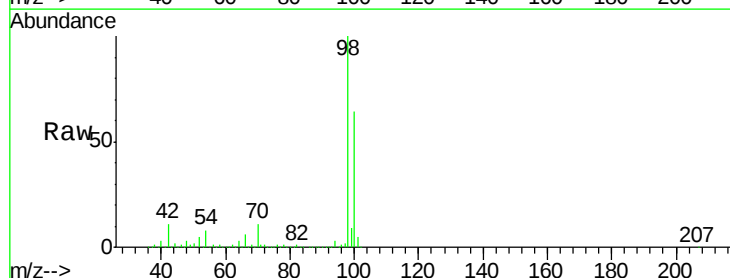
Instrument :
MSVOA_N
ClientSampleId :
PB115186ZHE#07

Tgt Ion: 43 Resp: 64751
Ion Ratio Lower Upper
43 100
61 15.8 24.1 36.1#
87 9.3 10.6 15.8#



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052609.D
Acq: 30 Nov 2018 16:14

Tgt Ion: 98 Resp: 2291793
Ion Ratio Lower Upper
98 100
100 64.2 51.3 76.9





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052609.D

Acq: 30 Nov 2018 16:14

Instrument :

MSVOA_N

ClientSampleId :

PB115186ZHE#07

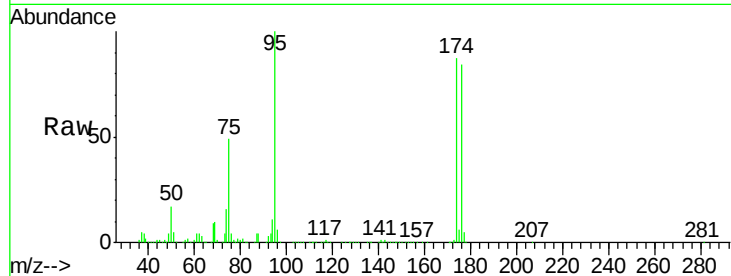
Tgt Ion: 95 Resp: 713106

Ion Ratio Lower Upper

95 100

174 88.0 0.0 173.0

176 84.6 0.0 166.2



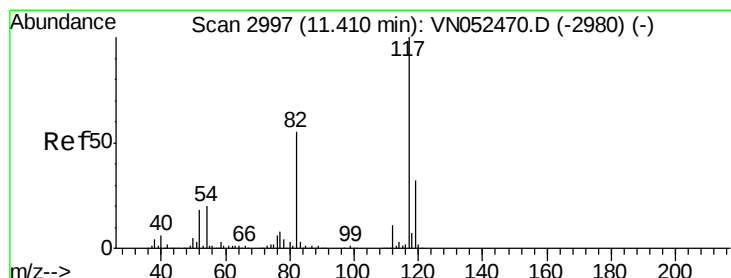
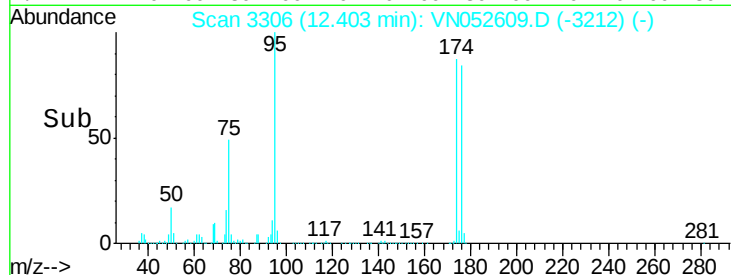
Abundance Ion 94.90 (94.60 to 95.60): VN052470.D (-3291) (-)

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

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

12.40

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: VN052609.D

Acq: 30 Nov 2018 16:14

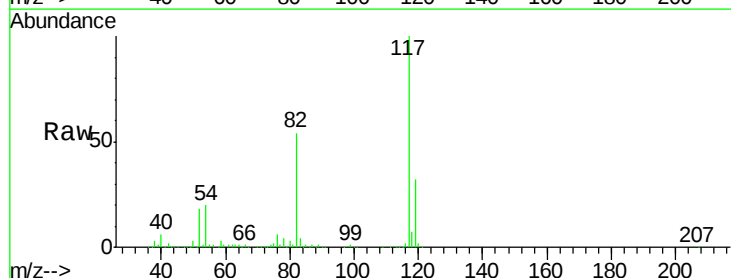
Tgt Ion: 117 Resp: 1635782

Ion Ratio Lower Upper

117 100

82 54.4 43.6 65.4

119 32.2 25.4 38.2



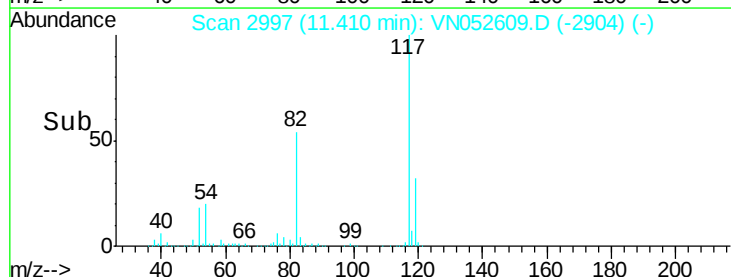
Abundance Ion 116.90 (116.60 to 117.60): VN052470.D (-2980) (-)

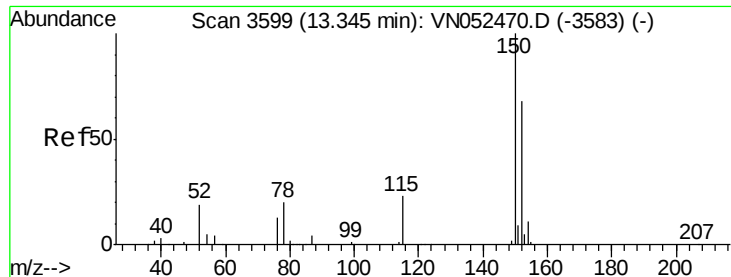
Ion 82.00 (81.70 to 82.70): VN052470.D (-2980) (-)

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

11.41

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: VN052609.D

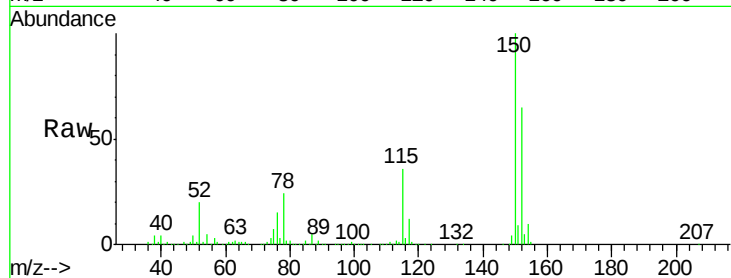
Acq: 30 Nov 2018 16:14

Instrument :

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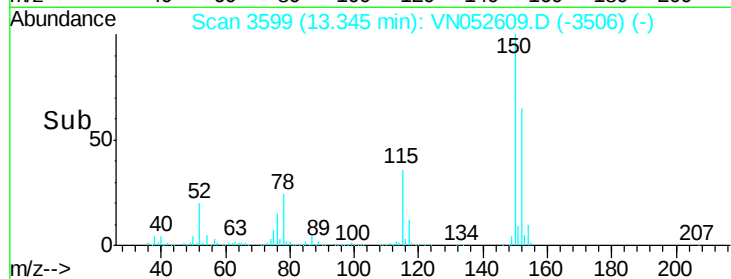
Tgt Ion:152 Resp: 618644

Ion Ratio Lower Upper

152 100

115 56.0 28.4 85.2

150 154.5 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

