

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091418\
 Data File : VN051197.D
 Acq On : 14 Sep 2018 18:04
 Operator : MD\SY
 Sample : PB112829ZHE#07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112829ZHE#07

Quant Time: Sep 15 00:51:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	556902	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	915272	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	753256	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	234877	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	344380	55.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.14%	
35) Dibromofluoromethane	7.59	113	341546	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
50) Toluene-d8	10.09	98	1211744	46.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.86%	
62) 4-Bromofluorobenzene	12.40	95	309024	35.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.60%	

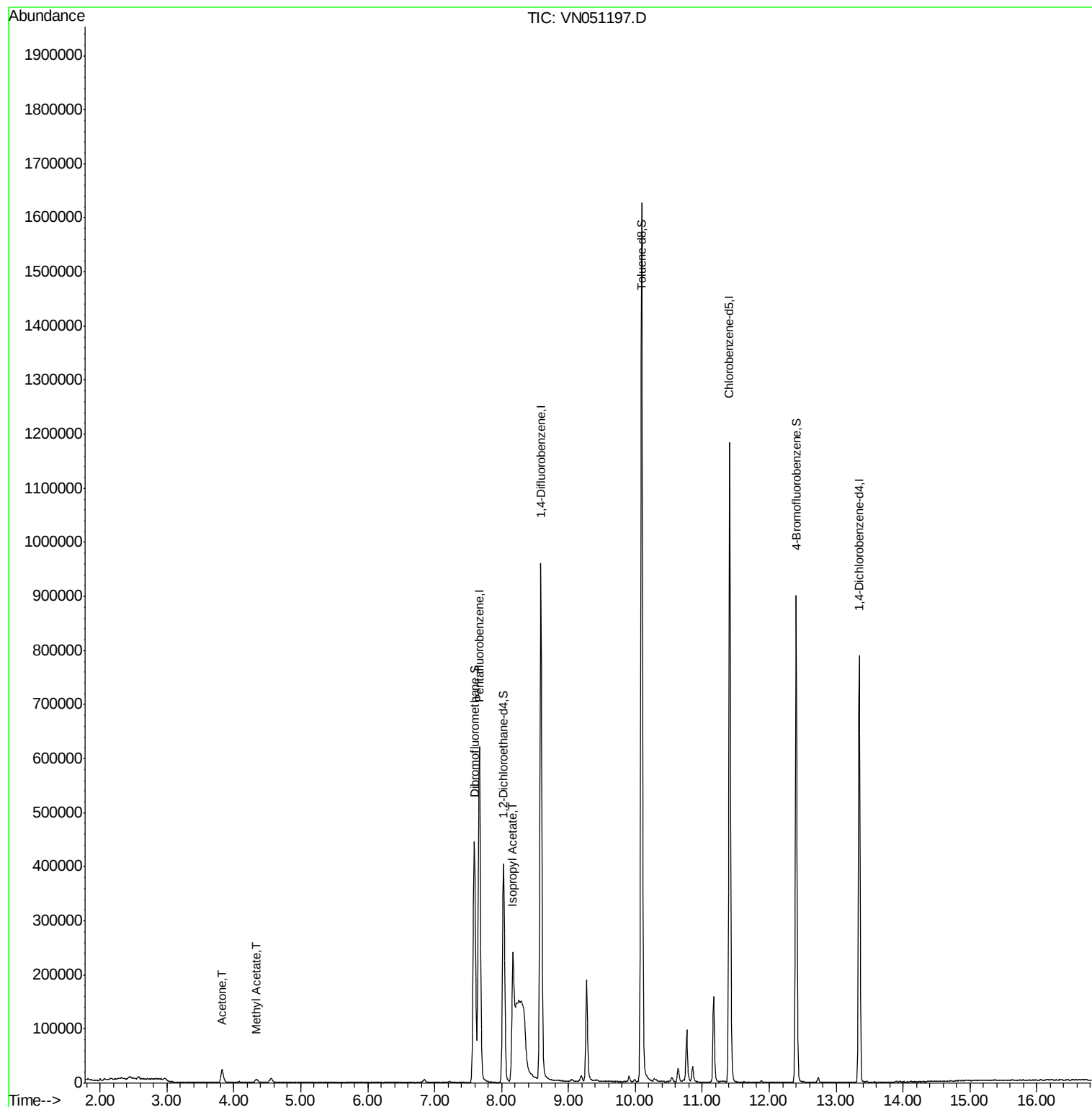
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	39618	20.49	ug/l	97
18) Methyl Acetate	4.34	43	14174	2.86	ug/l	92
43) Isopropyl Acetate	8.17	43	297277	28.95	ug/l #	80

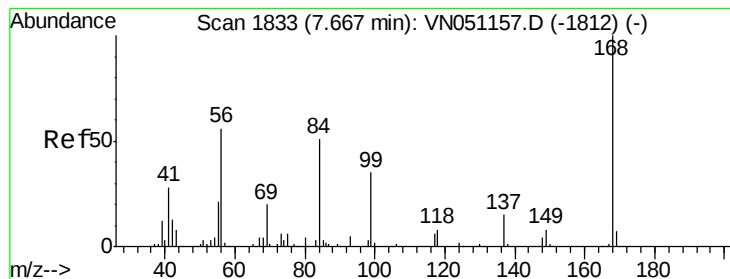
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051197.D

Acq: 14 Sep 2018 18:04

Instrument :

MSVOA_N

ClientSampleId :

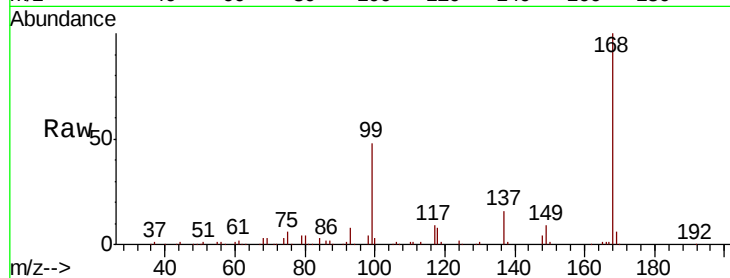
PB112829ZHE#07

Tot Ion:168 Resp: 556902

Ion Ratio Lower Upper

168 100

99 48.3 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

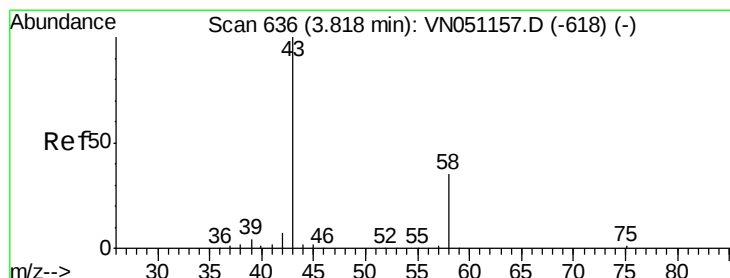
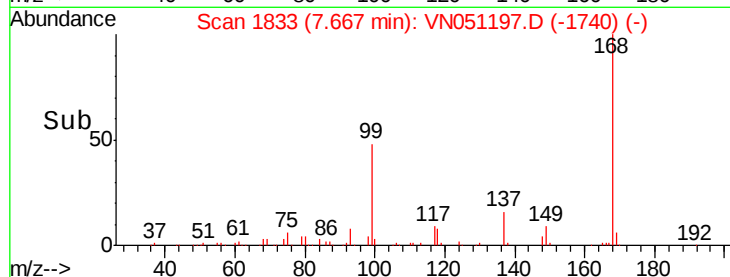
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 20.49 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN051197.D

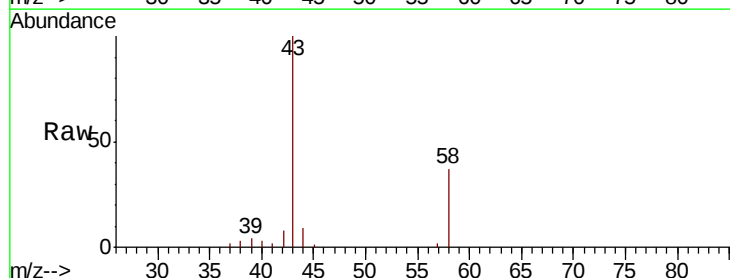
Acq: 14 Sep 2018 18:04

Tgt Ion: 43 Resp: 39618

Ion Ratio Lower Upper

43 100

58 36.7 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

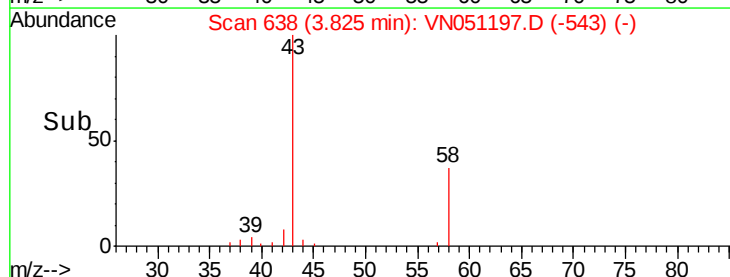
15000

10000

5000

0

Time-->

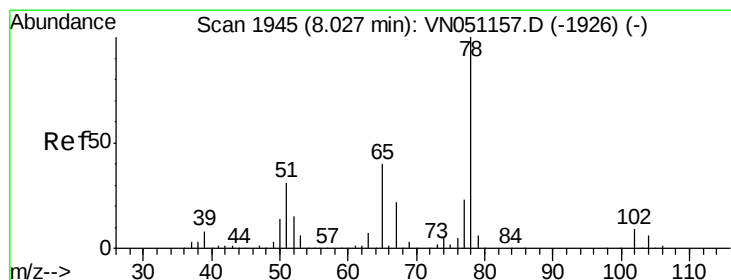
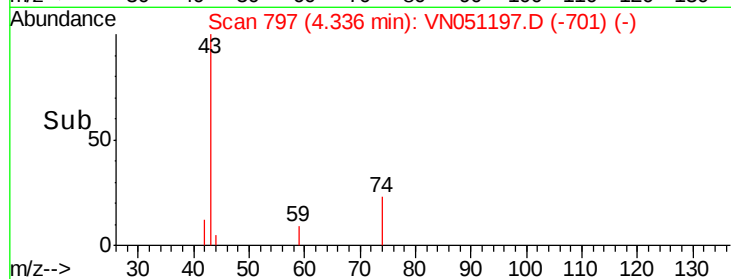
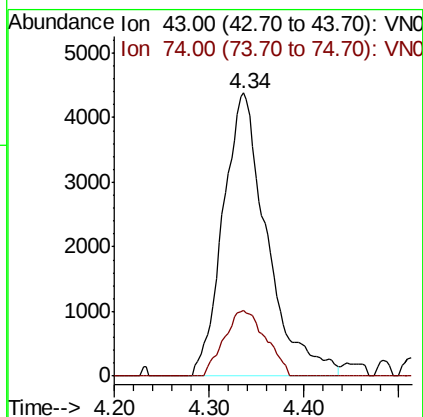
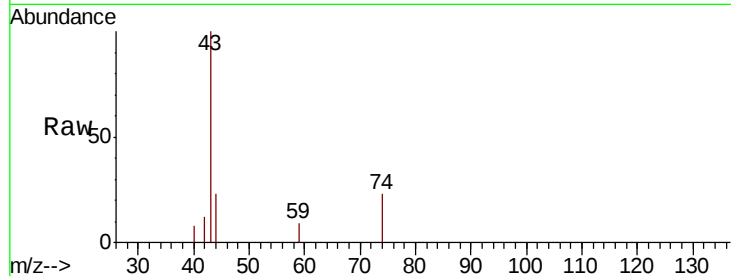




#18
Methvl Acetate
Concen: 2.86 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN051197.D
Acq: 14 Sep 2018 18:04

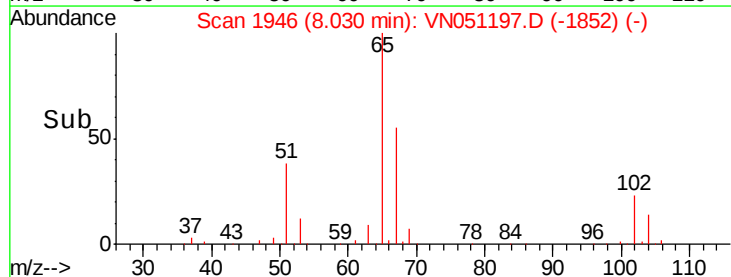
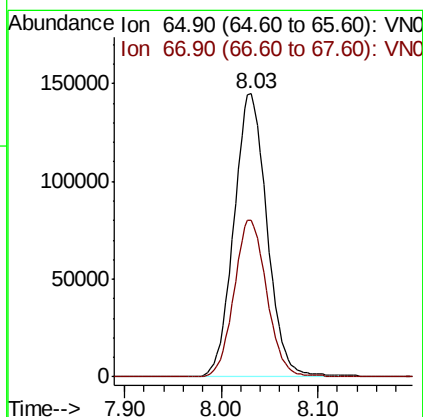
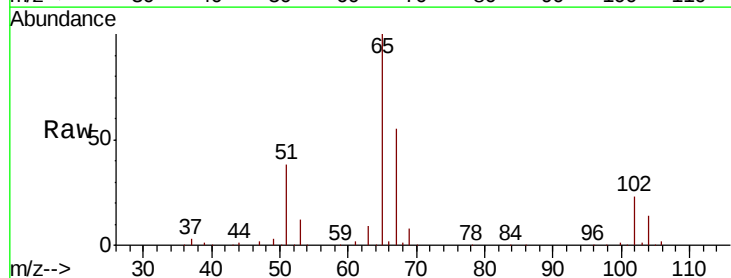
Instrument :
MSVOA_N
ClientSampleId :
PB112829ZHE#07

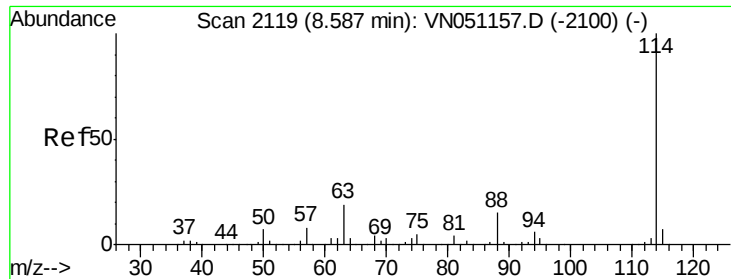
Tot Ion: 43 Resp: 14174
Ion Ratio Lower Upper
43 100
74 21.9 20.7 31.1



#33
1,2-Dichloroethane-d4
Concen: 55.57 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051197.D
Acq: 14 Sep 2018 18:04

Tgt Ion: 65 Resp: 344380
Ion Ratio Lower Upper
65 100
67 54.9 0.0 112.0

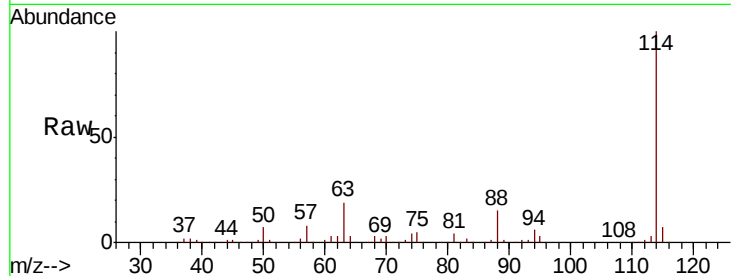




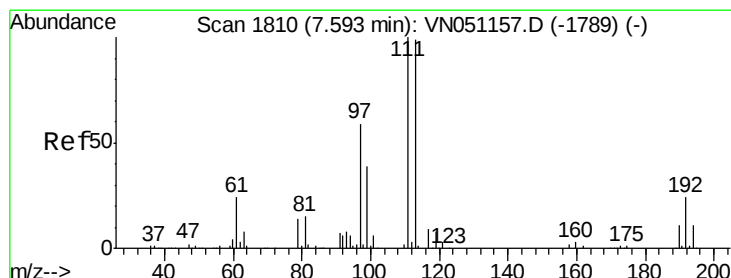
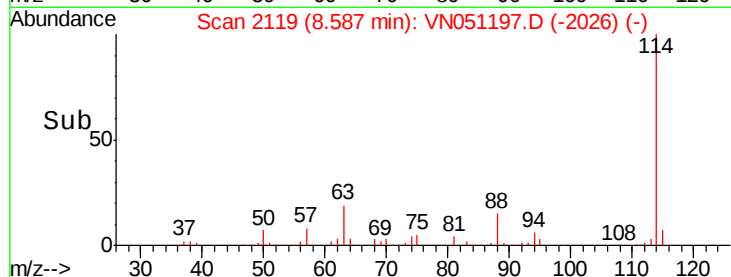
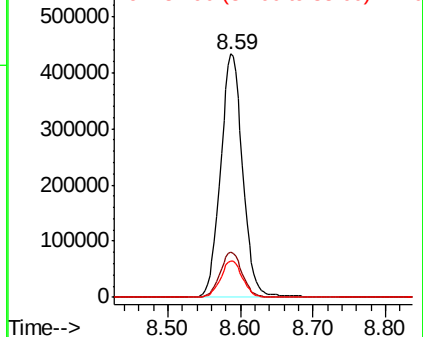
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051197.D
 Acq: 14 Sep 2018 18:04

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112829ZHE#07

Tot Ion:114 Resp: 915272
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 37.8
 88 15.1 0.0 30.8

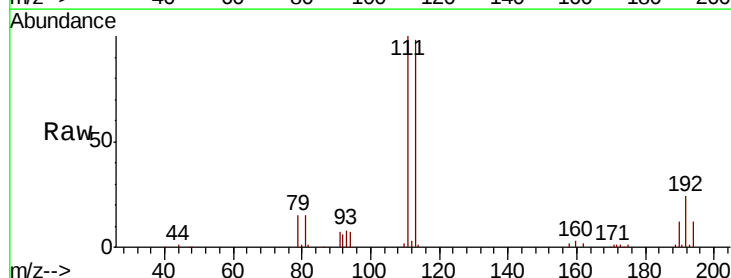


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

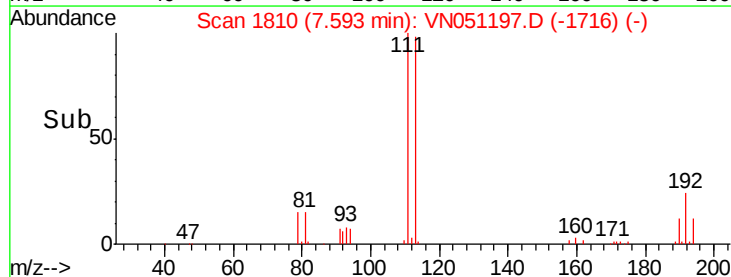
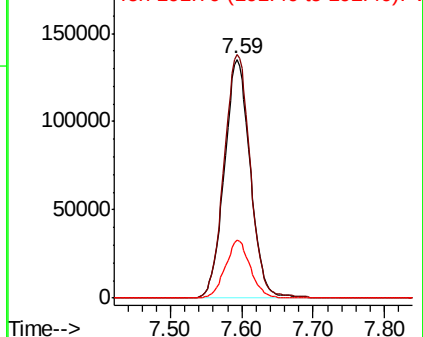


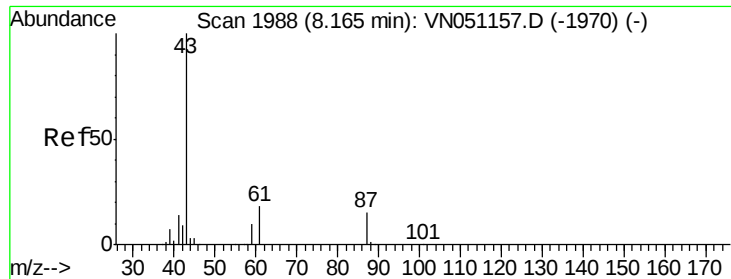
#35
 Dibromofluoromethane
 Concen: 49.66 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051197.D
 Acq: 14 Sep 2018 18:04

Tgt Ion:113 Resp: 341546
 Ion Ratio Lower Upper
 113 100
 111 103.2 83.0 124.6
 192 23.3 18.7 28.1



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



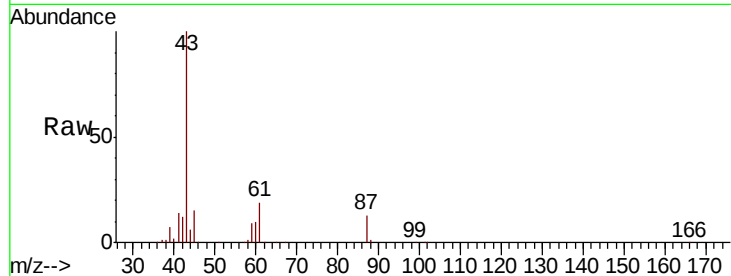


#43

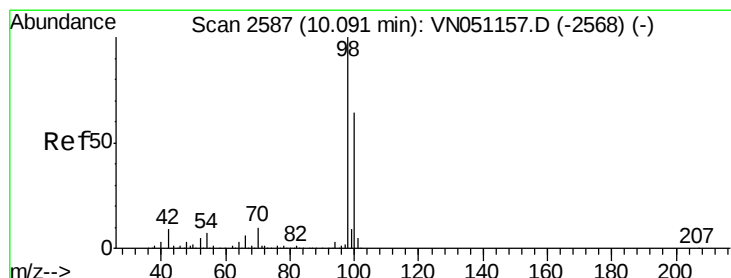
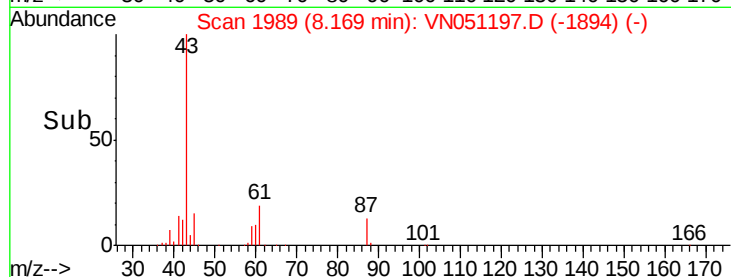
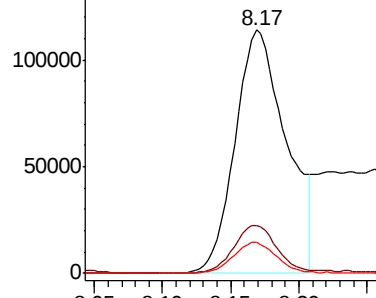
Isopropyl Acetate
 Concen: 28.95 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VN051197.D
 Acq: 14 Sep 2018 18:04

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112829ZHE#07

Tot Ion	43	Resp	297277
Ion Ratio	Lower	Upper	
43	100		
61	17.1	25.0	37.6#
87	11.0	11.8	17.8#



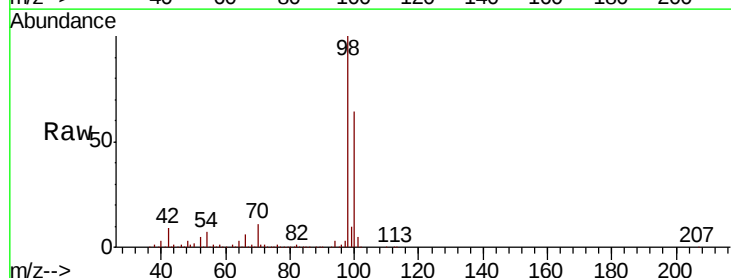
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



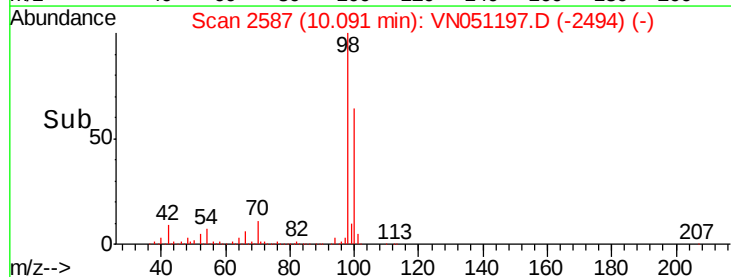
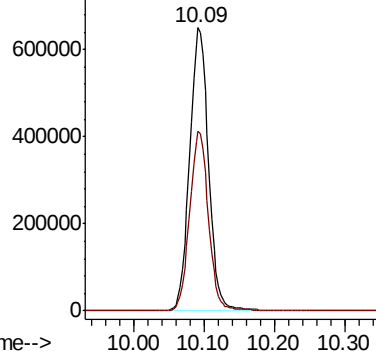
#50

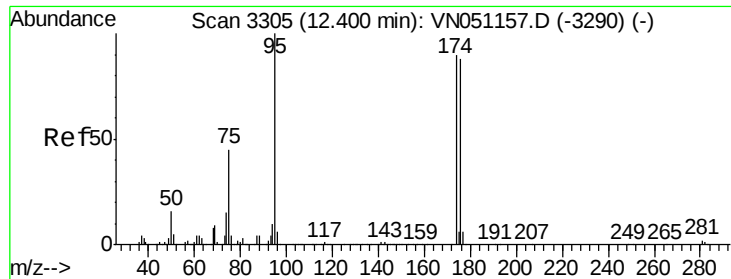
Toluene-d8
 Concen: 46.43 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN051197.D
 Acq: 14 Sep 2018 18:04

Tgt Ion	98	Resp	1211744
Ion Ratio	Lower	Upper	
98	100		
100	63.2	52.0	78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 35.80 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051197.D

Acq: 14 Sep 2018 18:04

Instrument :

MSVOA_N

ClientSampleId :

PB112829ZHE#07

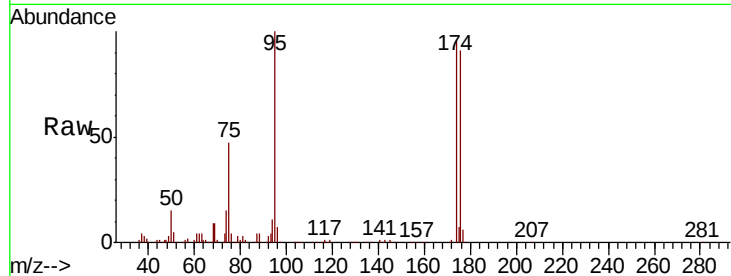
Tot Ion: 95 Resp: 309024

Ion Ratio Lower Upper

95 100

174 96.0 0.0 184.8

176 91.7 0.0 178.6

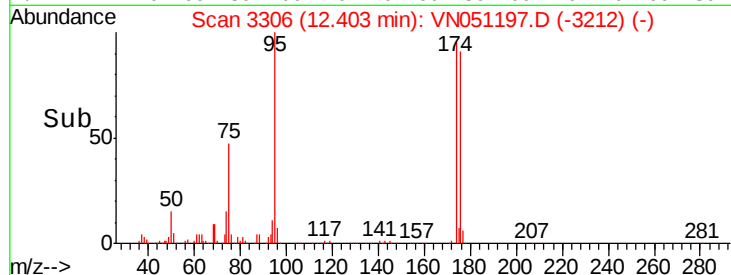


Abundance Ion 94.90 (94.60 to 95.60): VN051157.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN051157.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN051157.D (-3290) (-)

Time-->



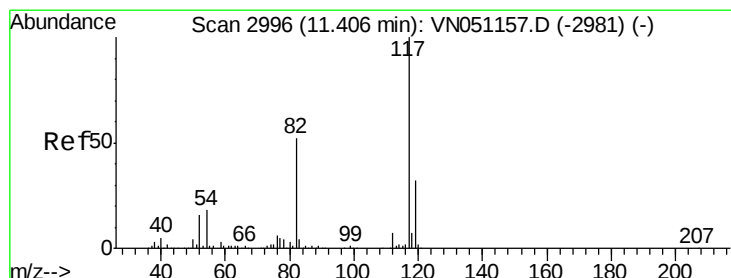
Abundance

Ion 94.90 (94.60 to 95.60): VN051157.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN051157.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN051157.D (-3290) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN051197.D

Acq: 14 Sep 2018 18:04

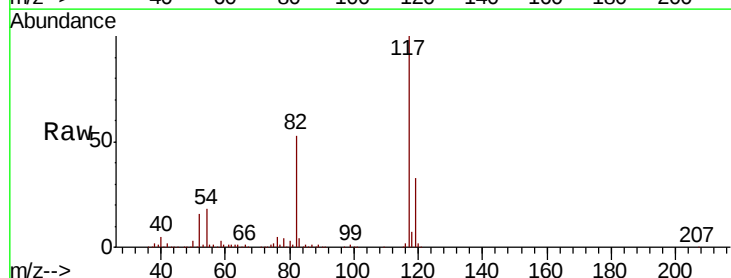
Tgt Ion: 117 Resp: 753256

Ion Ratio Lower Upper

117 100

82 53.1 41.8 62.6

119 32.8 26.2 39.2

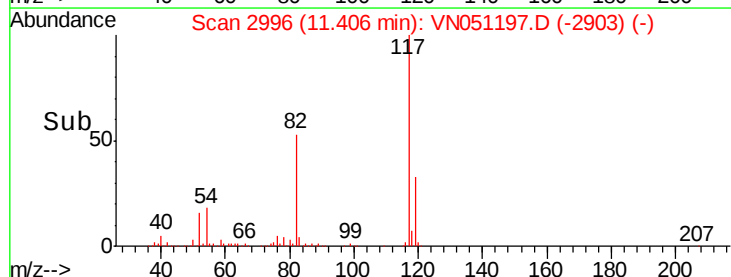


Abundance Ion 116.90 (116.60 to 117.60): VN051157.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN051157.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN051157.D (-2981) (-)

Time-->



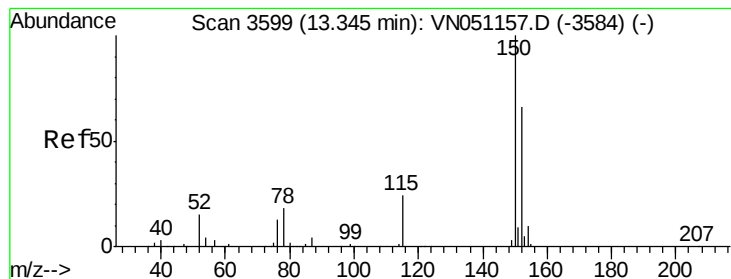
Abundance

Ion 116.90 (116.60 to 117.60): VN051157.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN051157.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN051157.D (-2981) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051197.D

Acq: 14 Sep 2018 18:04

Instrument :

MSVOA_N

ClientSampleId :

PB112829ZHE#07

Tot Ion:152 Resp: 234877

Ion Ratio Lower Upper

152 100

115 55.1 28.2 84.7

150 157.6 0.0 349.0

