

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111318\
 Data File : VN052289.D
 Acq On : 13 Nov 2018 16:23
 Operator : MD\SY
 Sample : PB114744ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114744ZHE#02

Quant Time: Nov 14 02:16:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 00:34:27 2018
 Response via : Initial Calibration

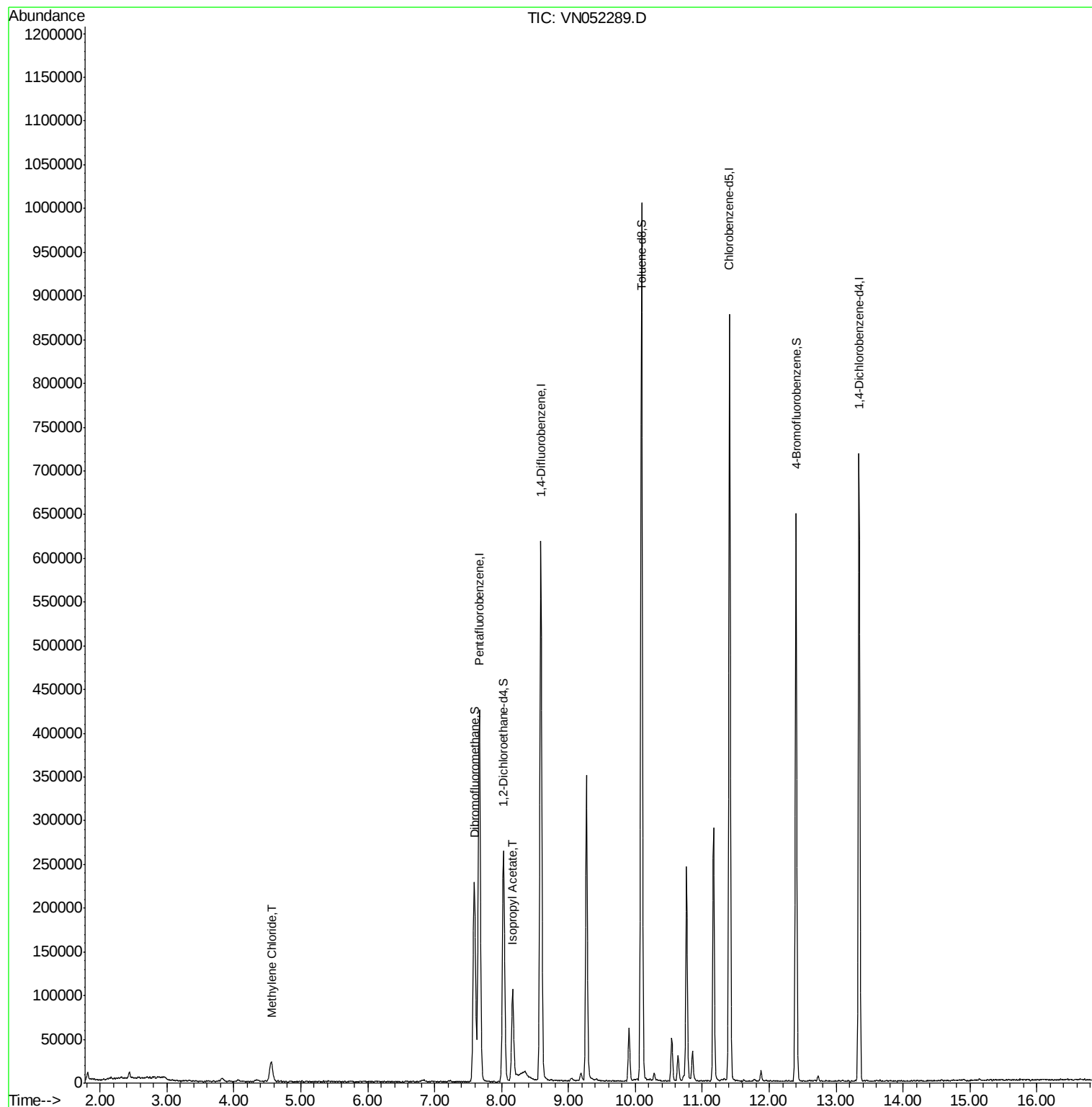
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	317627	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	534242	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	466914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	172400	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	218956	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.80%	
35) Dibromofluoromethane	7.59	113	170504	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
50) Toluene-d8	10.09	98	677177	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
62) 4-Bromofluorobenzene	12.40	95	207744	47.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.86%	
Target Compounds						
20) Methylene Chloride	4.56	84	15174	3.832	ug/l	95
43) Isopropyl Acetate	8.17	43	130194	18.417	ug/l	98

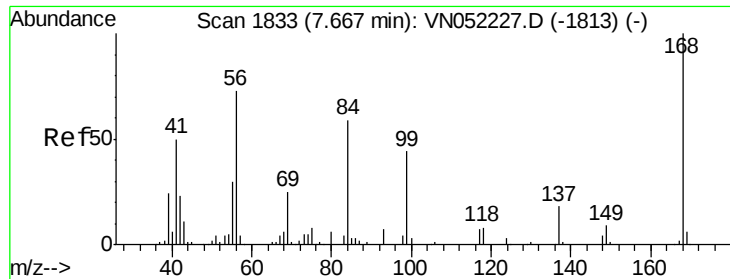
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052289.D

Acq: 13 Nov 2018 16:23

Instrument :

MSVOA_N

ClientSampleId :

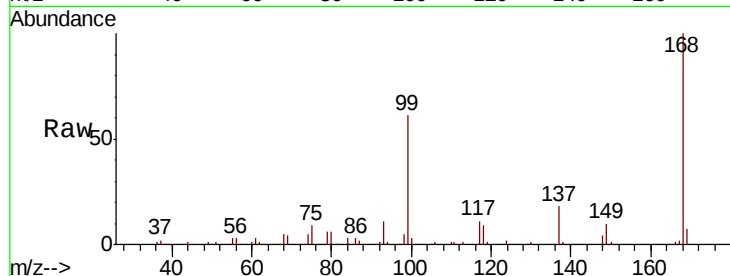
PB114744ZHE#02

Tot Ion:168 Resp: 317627

Ion Ratio Lower Upper

168 100

99 60.9 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

150000

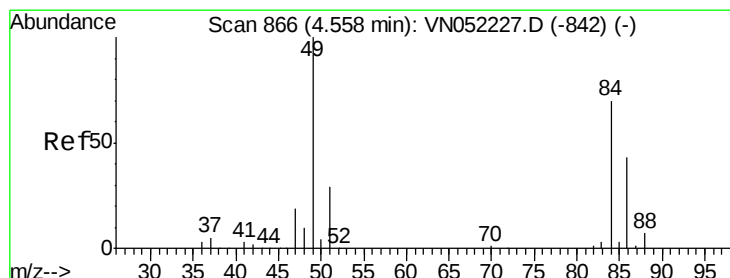
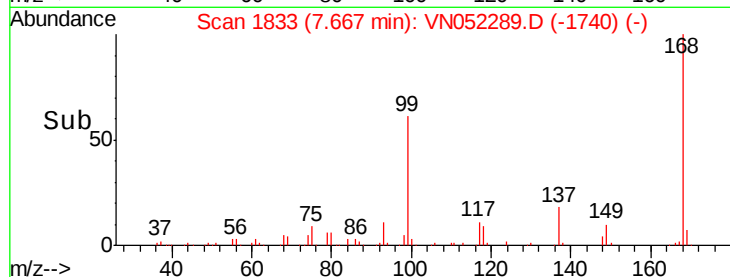
100000

50000

0

Time-->

7.60 7.70 7.80



#20

Methylene Chloride

Concen: 3.832 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.00 min

Lab File: VN052289.D

Acq: 13 Nov 2018 16:23

Tgt Ion: 84 Resp: 15174

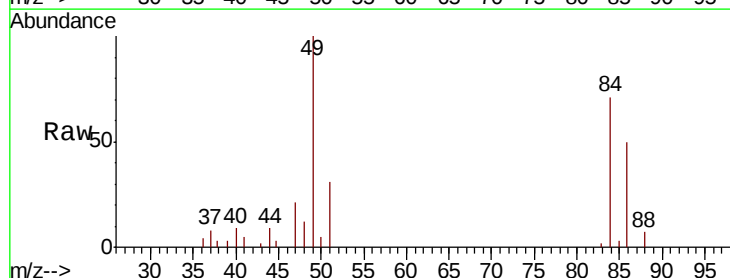
Ion Ratio Lower Upper

84 100

49 140.4 114.8 172.2

51 43.3 33.1 49.7

86 70.0 49.7 74.5



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

10000

8000

6000

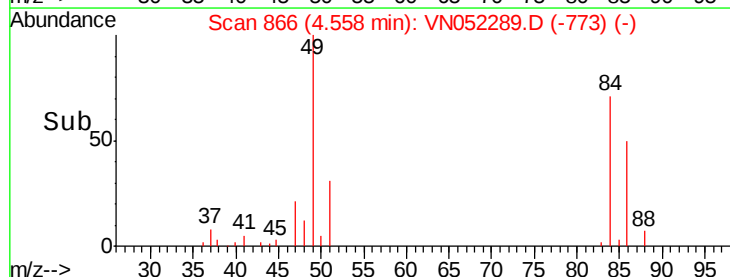
4000

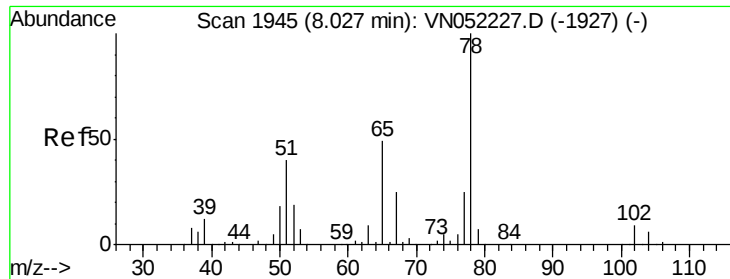
2000

0

Time-->

4.45 4.50 4.55 4.60 4.65

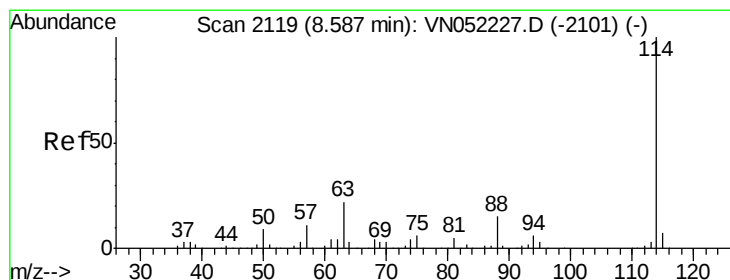
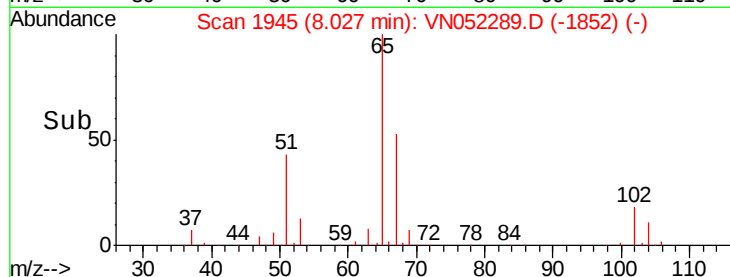
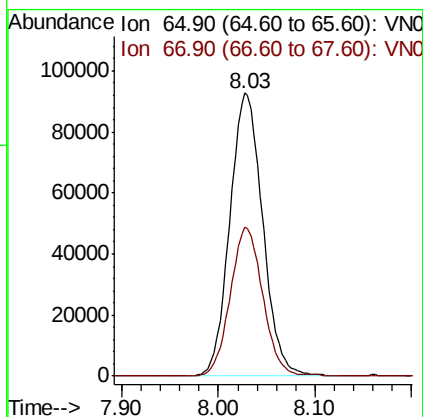
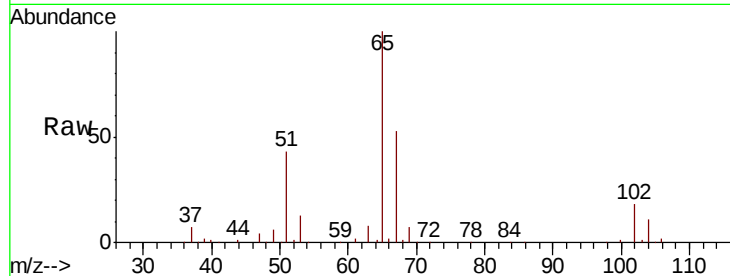




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052289.D
 Acq: 13 Nov 2018 16:23

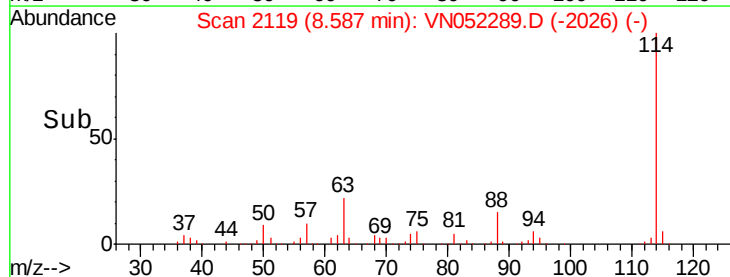
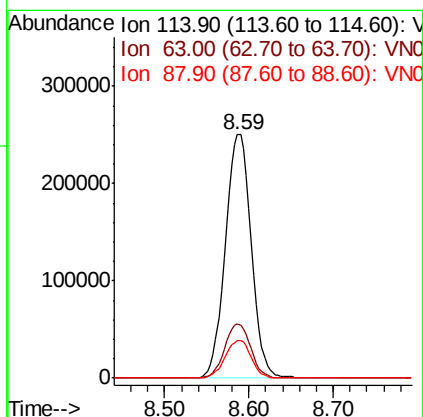
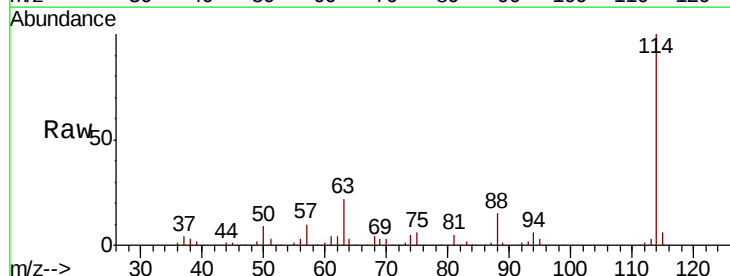
Instrument :
 MSVOA_N
 ClientSampleId :
 PB114744ZHE#02

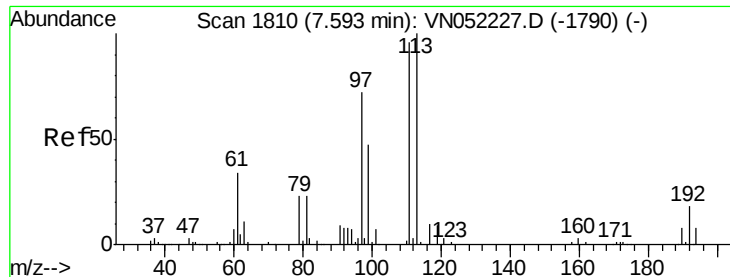
Tot Ion: 65 Resp: 218956
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052289.D
 Acq: 13 Nov 2018 16:23

Tgt Ion: 114 Resp: 534242
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.4
 88 15.3 0.0 30.2

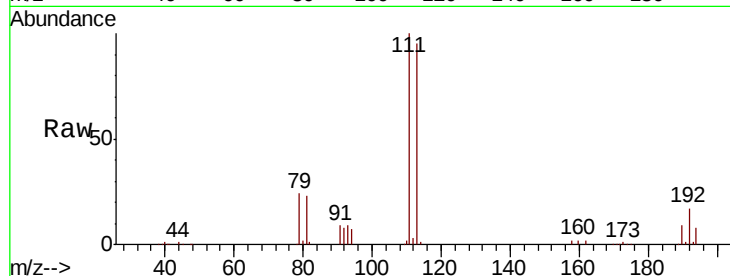




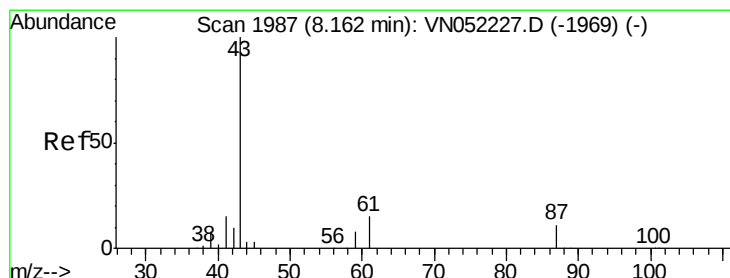
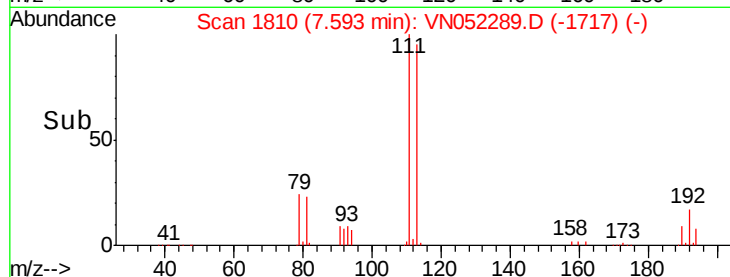
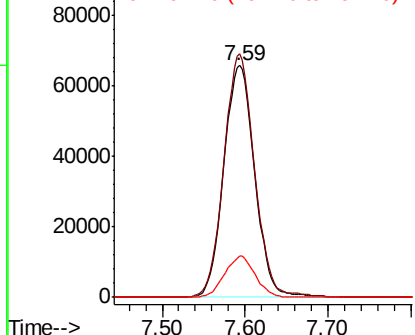
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052289.D
 Acq: 13 Nov 2018 16:23

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114744ZHE#02

Tot Ion:113 Resp: 170504
 Ion Ratio Lower Upper
 113 100
 111 104.1 80.2 120.4
 192 17.5 14.1 21.1

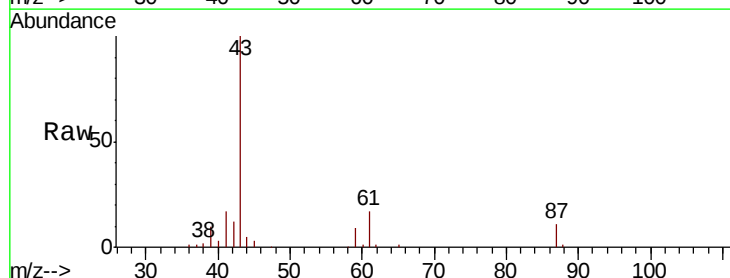


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

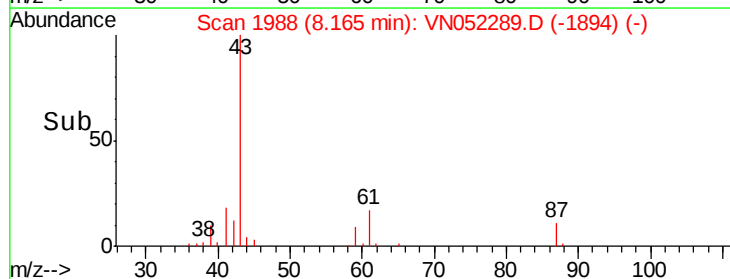
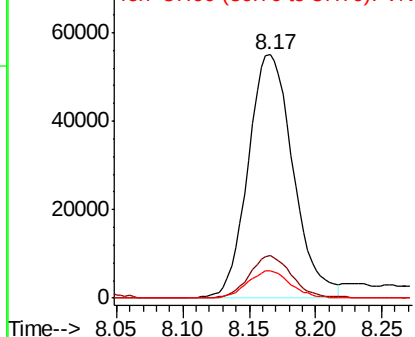


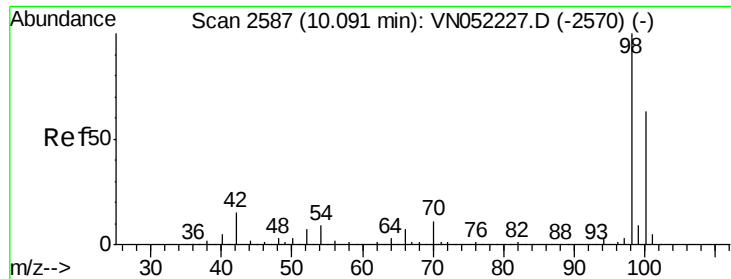
#43
 Isopropyl Acetate
 Concen: 18.417 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN052289.D
 Acq: 13 Nov 2018 16:23

Tgt Ion: 43 Resp: 130194
 Ion Ratio Lower Upper
 43 100
 61 16.4 14.2 21.4
 87 10.6 8.4 12.6



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





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052289.D

Acq: 13 Nov 2018 16:23

Instrument :

MSVOA_N

ClientSampleId :

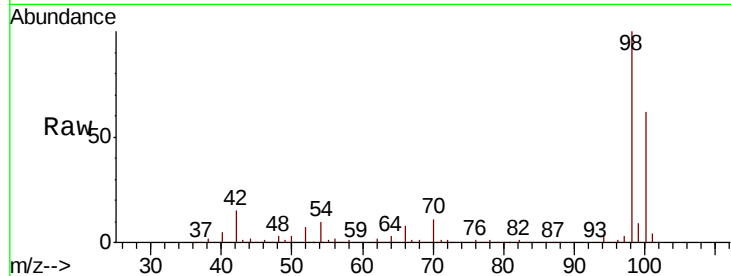
PB114744ZHE#02

Tot Ion: 98 Resp: 677177

Ion Ratio Lower Upper

98 100

100 61.7 50.2 75.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

400000

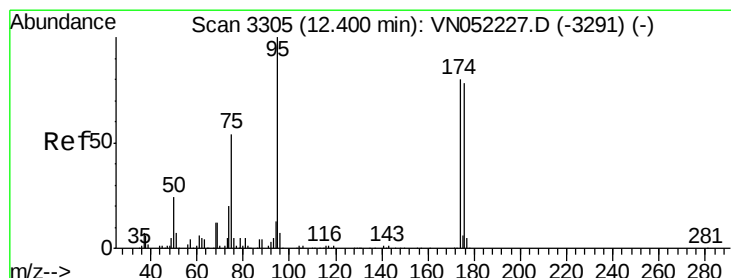
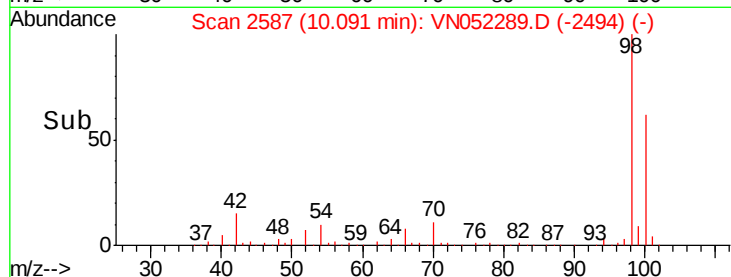
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052289.D

Acq: 13 Nov 2018 16:23

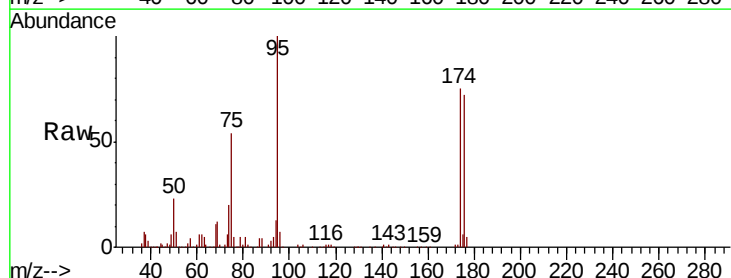
Tgt Ion: 95 Resp: 207744

Ion Ratio Lower Upper

95 100

174 77.0 0.0 159.4

176 73.1 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

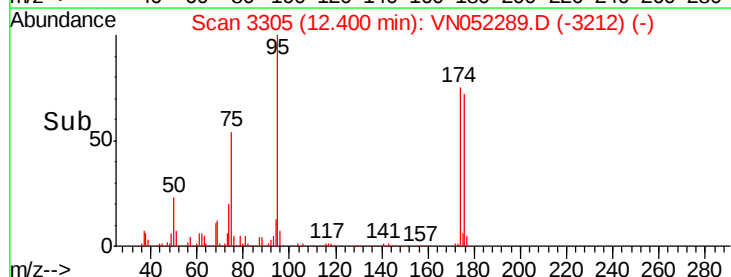
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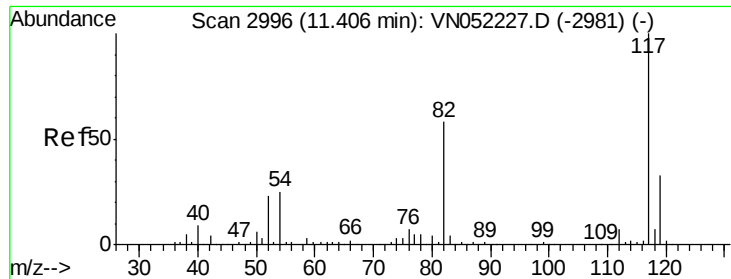
100000

50000

0

Time-->

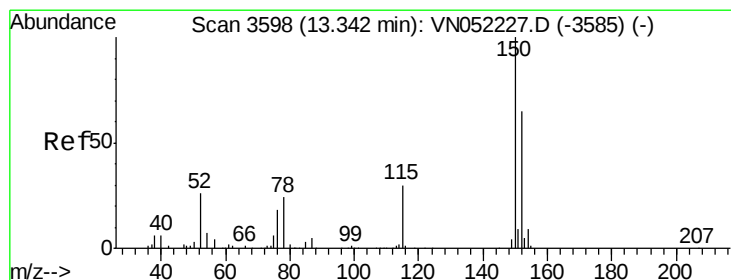
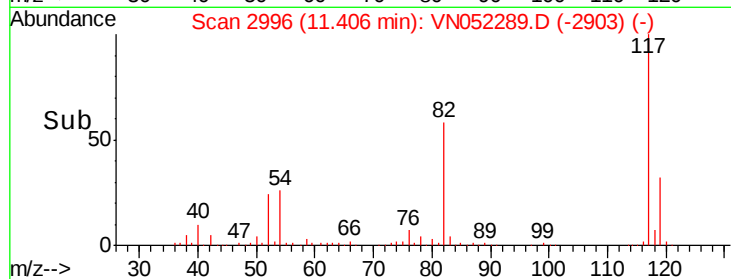
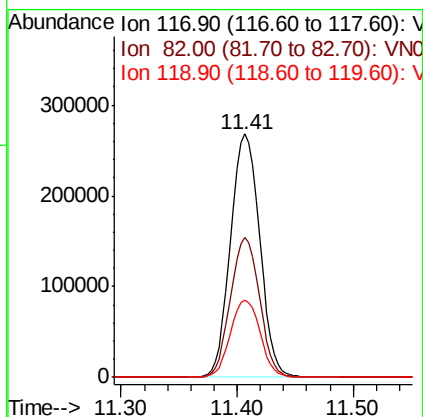
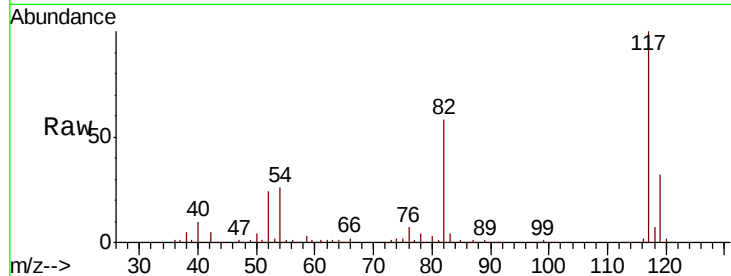




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052289.D
Acq: 13 Nov 2018 16:23

Instrument :
MSVOA_N
ClientSampleId :
PB114744ZHE#02

Tot Ion:117 Resp: 466914
Ion Ratio Lower Upper
117 100
82 57.6 46.2 69.2
119 31.5 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN052289.D
Acq: 13 Nov 2018 16:23

Tgt Ion:152 Resp: 172400
Ion Ratio Lower Upper
152 100
115 59.7 29.8 89.5
150 162.1 0.0 350.2

