

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111218\
 Data File : VN052269.D
 Acq On : 12 Nov 2018 18:18
 Operator : MD\SY
 Sample : PB114678ZHE#13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114678ZHE#13

Quant Time: Nov 13 01:26:59 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

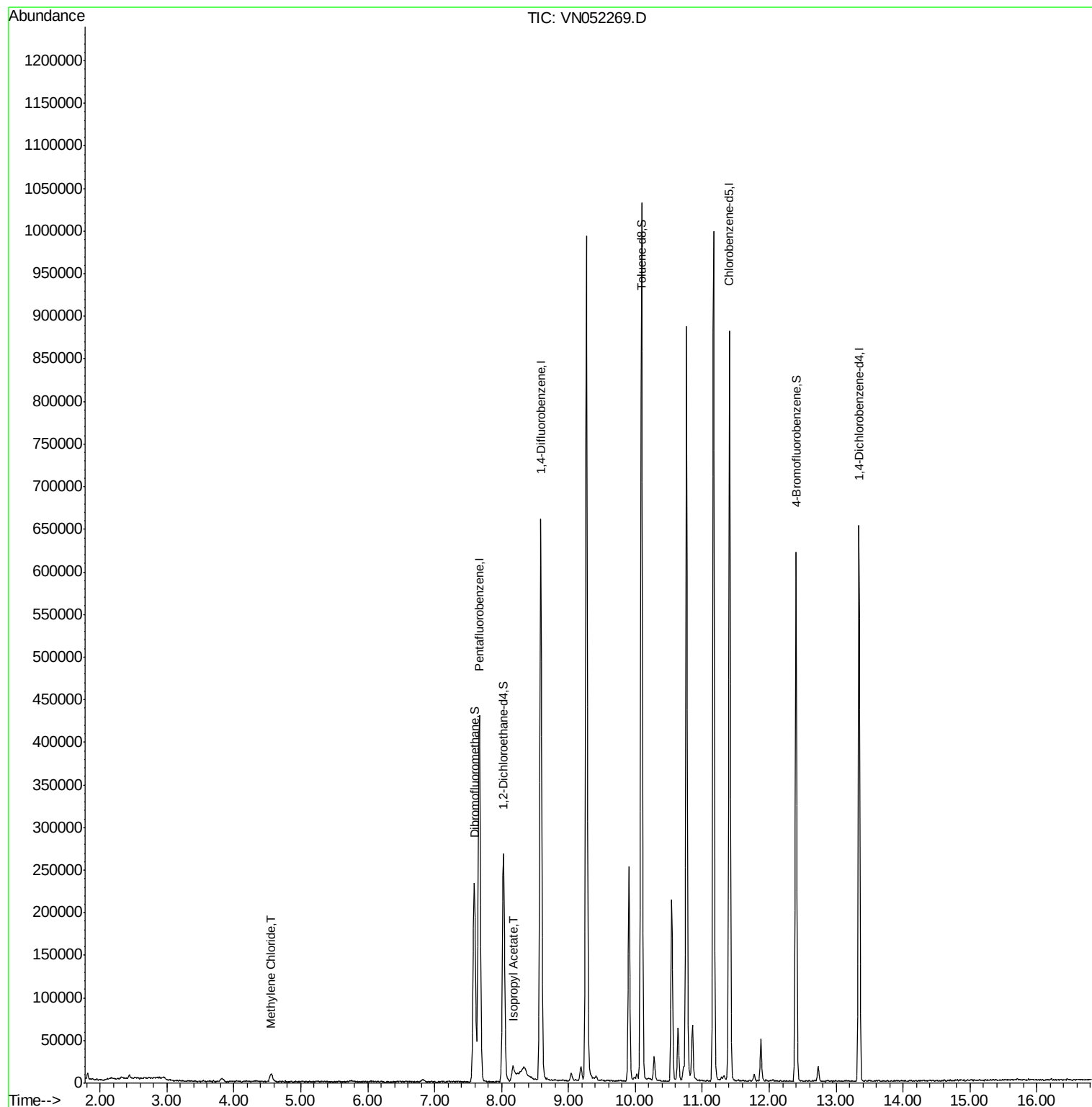
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	327533	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	554487	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	467211	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	161259	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	221097	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
35) Dibromofluoromethane	7.59	113	173772	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.76%	
50) Toluene-d8	10.09	98	691953	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.44%	
62) 4-Bromofluorobenzene	12.40	95	196527	43.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.46%	
Target Compounds						
20) Methylene Chloride	4.56	84	6500	1.592	ug/l	86
43) Isopropyl Acetate	8.17	43	24847	3.386	ug/l #	92

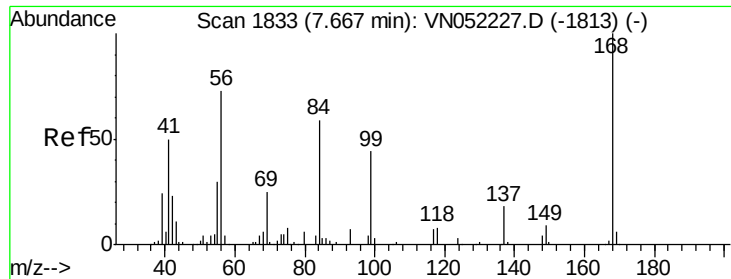
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052269.D

Acq: 12 Nov 2018 18:18

Instrument :

MSVOA_N

ClientSampleId :

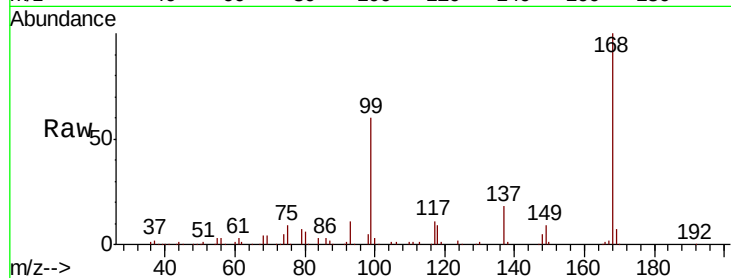
PB114678ZHE#13

Tot Ion:168 Resp: 327533

Ion Ratio Lower Upper

168 100

99 59.5 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

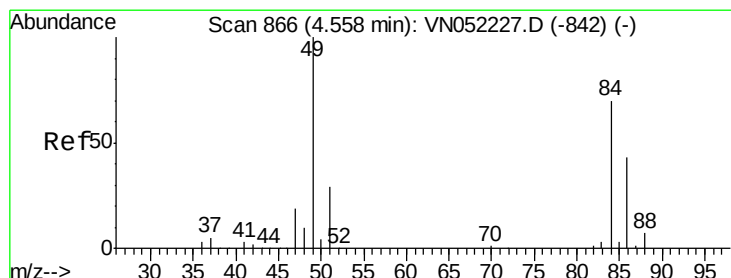
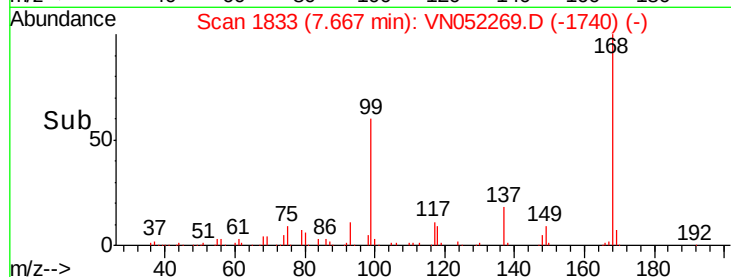
100000

50000

0

7.60 7.70

Time-->



#20

Methylene Chloride

Concen: 1.592 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.00 min

Lab File: VN052269.D

Acq: 12 Nov 2018 18:18

Tgt Ion: 84 Resp: 6500

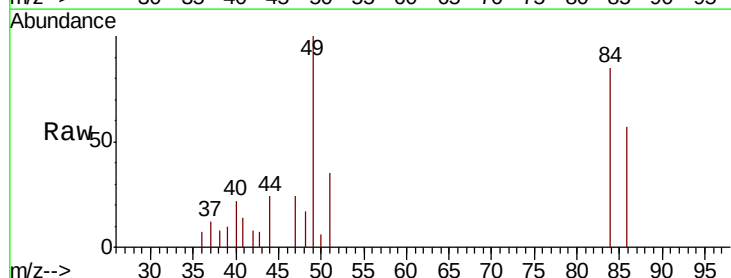
Ion Ratio Lower Upper

84 100

49 117.5 114.8 172.2

51 41.4 33.1 49.7

86 67.1 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

4000

3000

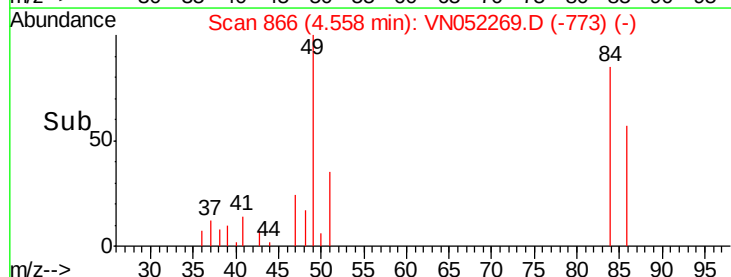
2000

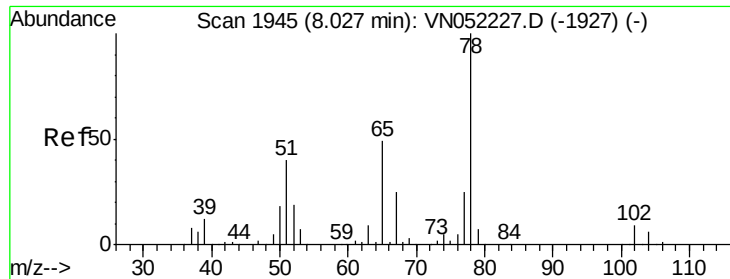
1000

0

4.45 4.50 4.55 4.60 4.65

Time-->

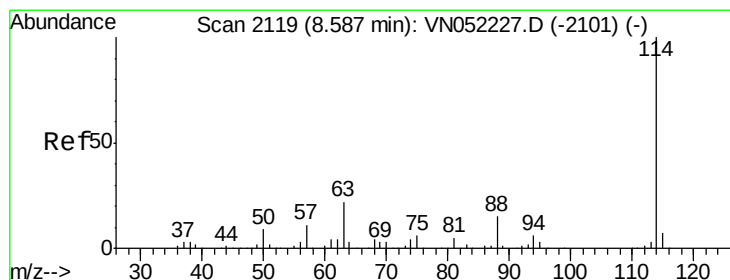
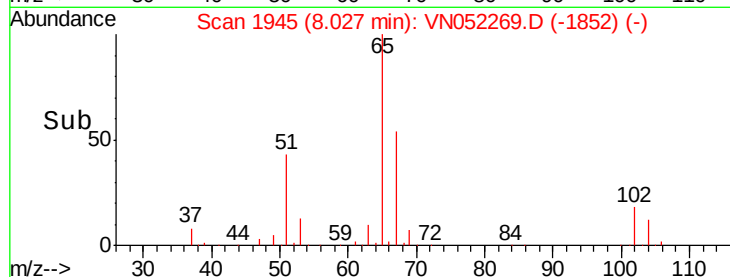
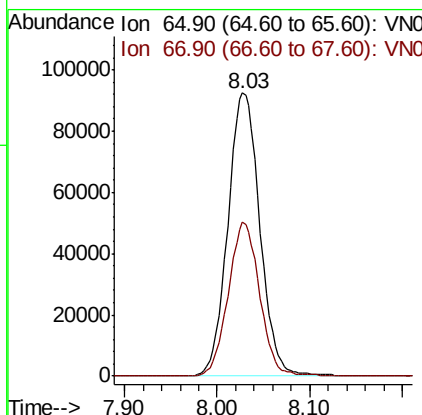
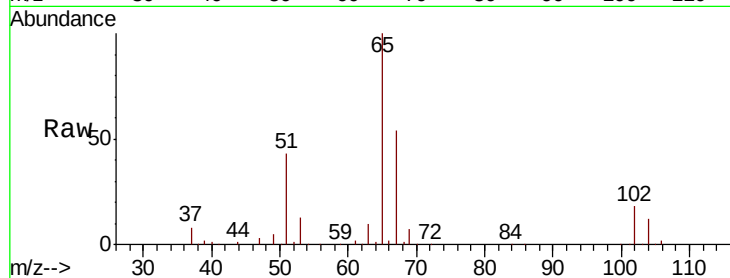




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052269.D
 Acq: 12 Nov 2018 18:18

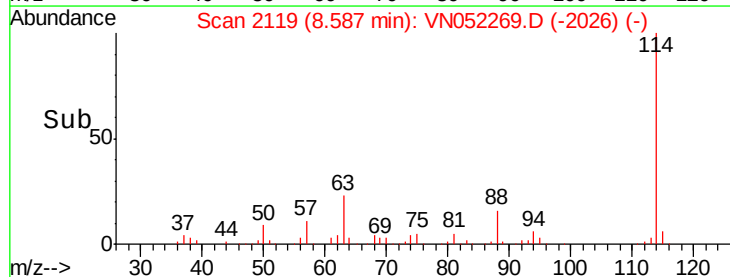
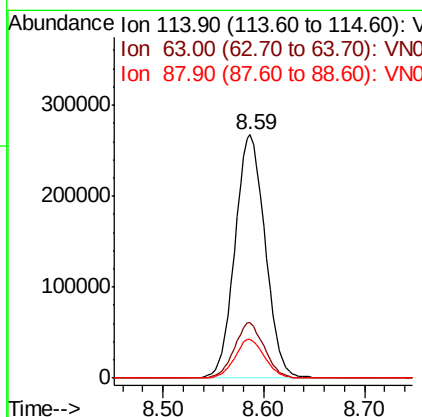
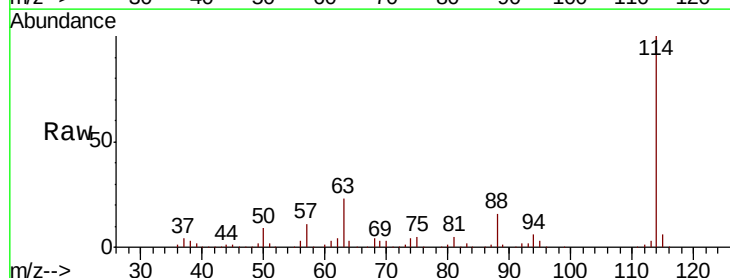
Instrument :
 MSVOA_N
 ClientSampleId :
 PB114678ZHE#13

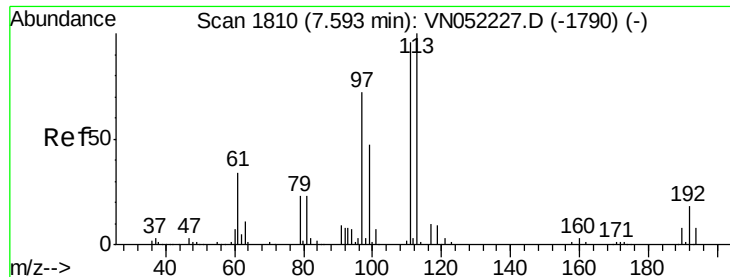
Tot Ion: 65 Resp: 221097
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052269.D
 Acq: 12 Nov 2018 18:18

Tgt Ion: 114 Resp: 554487
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 43.4
 88 15.9 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: VN052269.D

Acq: 12 Nov 2018 18:18

Instrument :

MSVOA_N

ClientSampleId :

PB114678ZHE#13

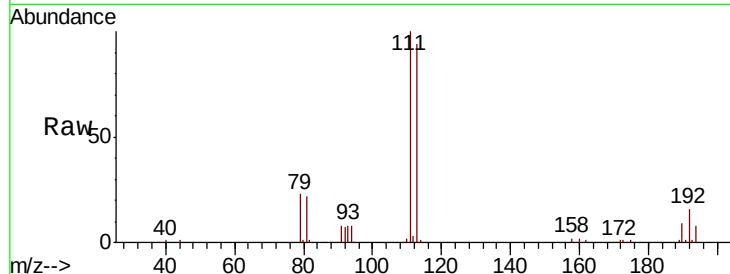
Tot Ion:113 Resp: 173772

Ion Ratio Lower Upper

113 100

111 104.9 80.2 120.4

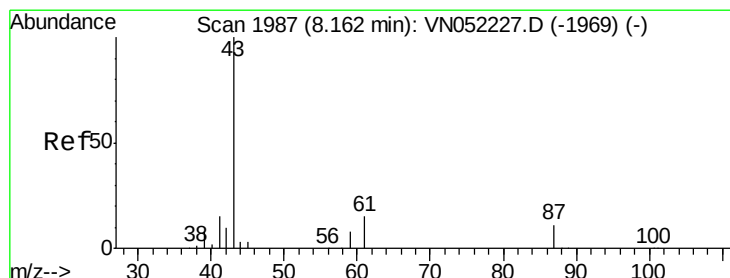
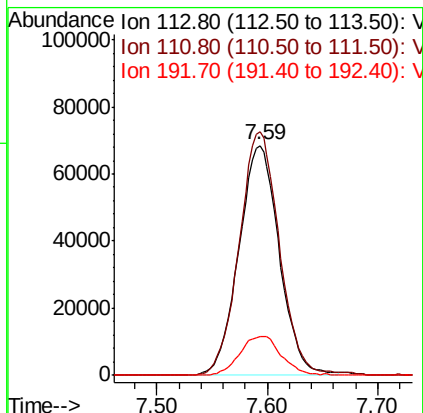
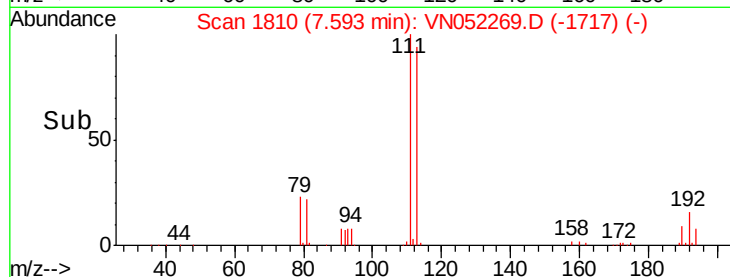
192 17.7 14.1 21.1



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: 3.386 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN052269.D

Acq: 12 Nov 2018 18:18

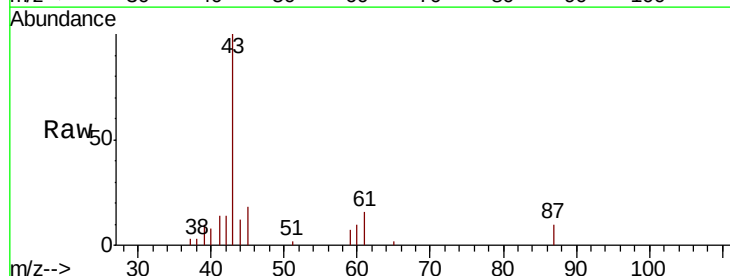
Tgt Ion: 43 Resp: 24847

Ion Ratio Lower Upper

43 100

61 13.5 14.2 21.4#

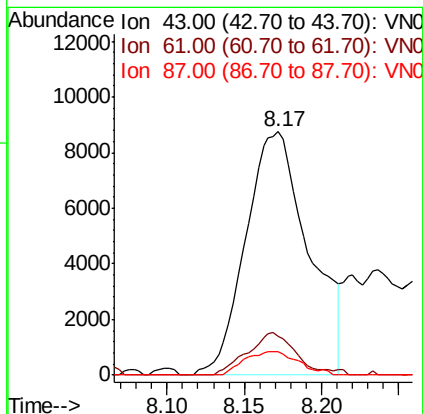
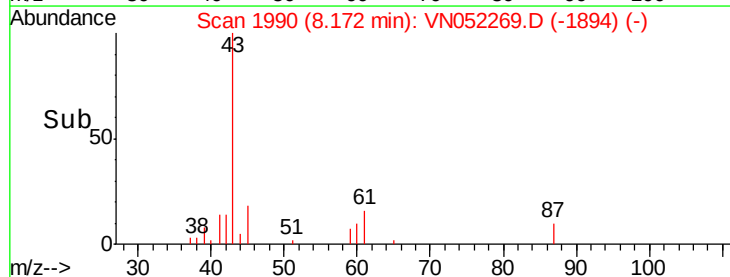
87 8.3 8.4 12.6#

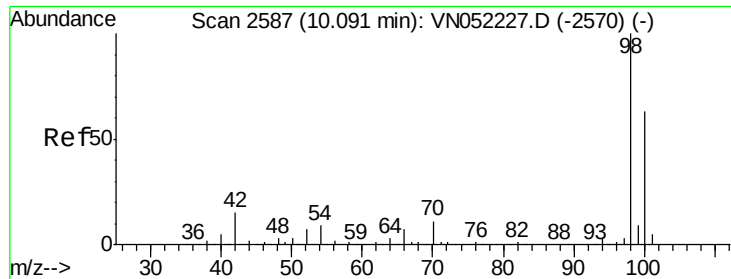


Abundance Ion 43.00 (42.70 to 43.70): VNO

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: VN052269.D

Acq: 12 Nov 2018 18:18

Instrument :

MSVOA_N

ClientSampleId :

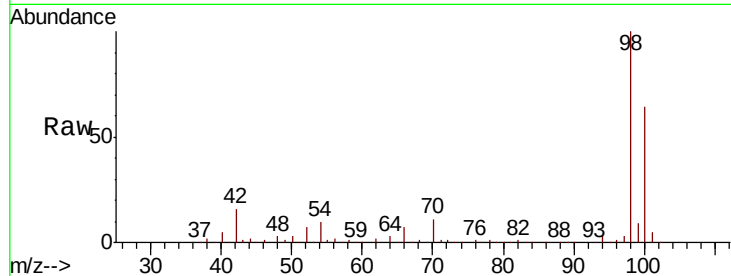
PB114678ZHE#13

Tot Ion: 98 Resp: 691953

Ion Ratio Lower Upper

98 100

100 62.7 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

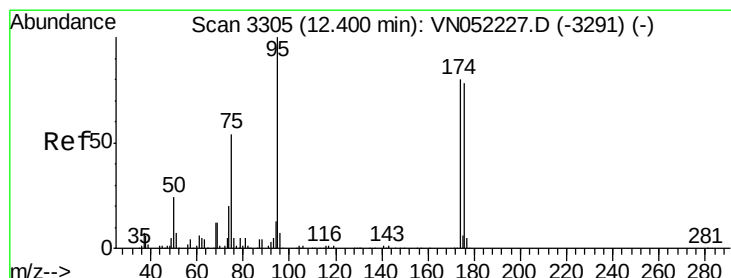
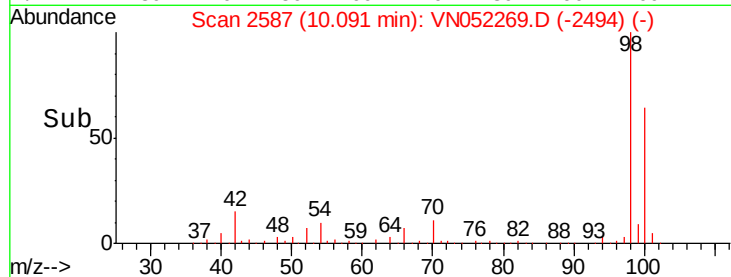
300000

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: VN052269.D

Acq: 12 Nov 2018 18:18

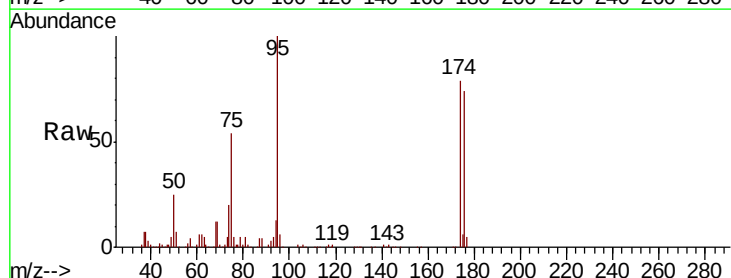
Tgt Ion: 95 Resp: 196527

Ion Ratio Lower Upper

95 100

174 77.9 0.0 159.4

176 74.1 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

12.40

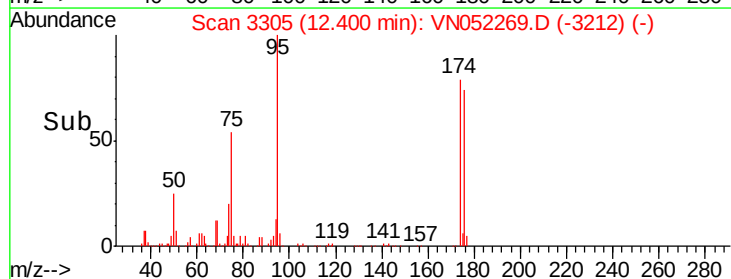
150000

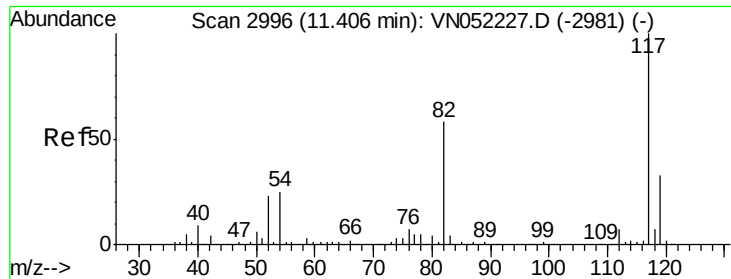
100000

50000

0

Time-->

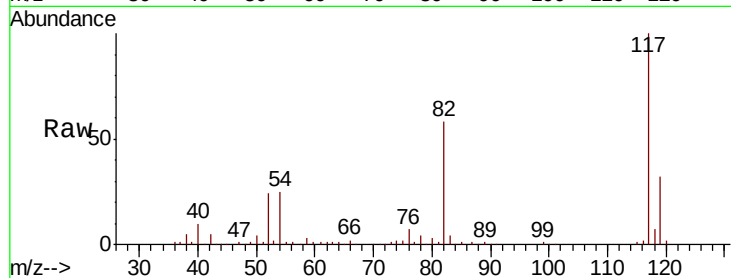




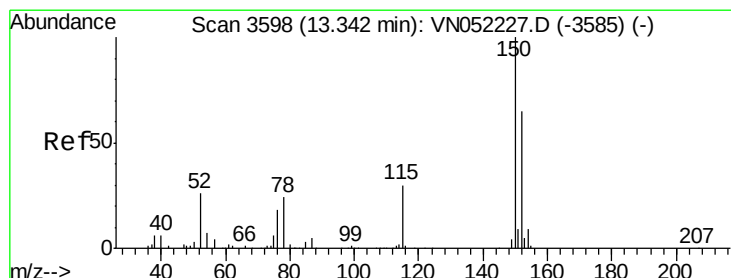
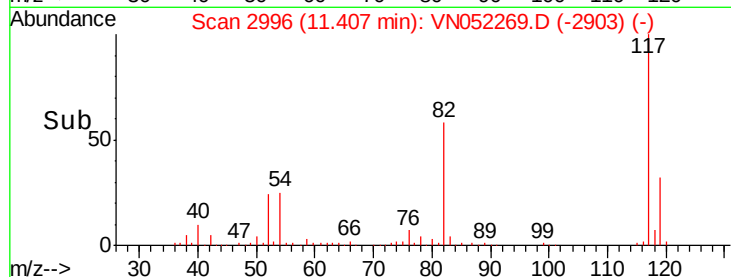
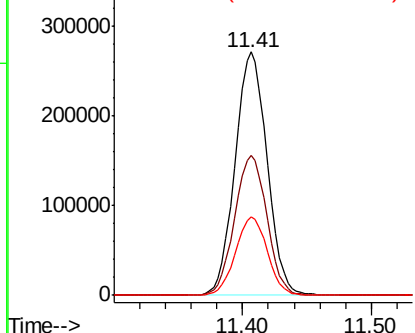
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN052269.D
 Acq: 12 Nov 2018 18:18

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114678ZHE#13

Tot Ion:117 Resp: 467211
 Ion Ratio Lower Upper
 117 100
 82 57.7 46.2 69.2
 119 32.2 26.2 39.4

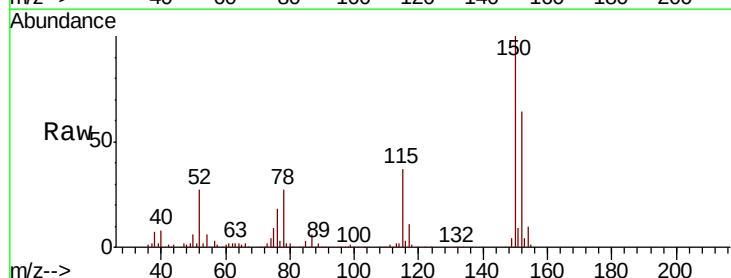


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): VN
 Ion 118.90 (118.60 to 119.60): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN052269.D
 Acq: 12 Nov 2018 18:18

Tgt Ion:152 Resp: 161259
 Ion Ratio Lower Upper
 152 100
 115 59.3 29.8 89.5
 150 156.7 0.0 350.2



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

