

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112118\
 Data File : VN052437.D
 Acq On : 21 Nov 2018 14:44
 Operator : MD\SY
 Sample : PB114992ZHE#07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114992ZHE#07

Quant Time: Nov 22 00:37:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

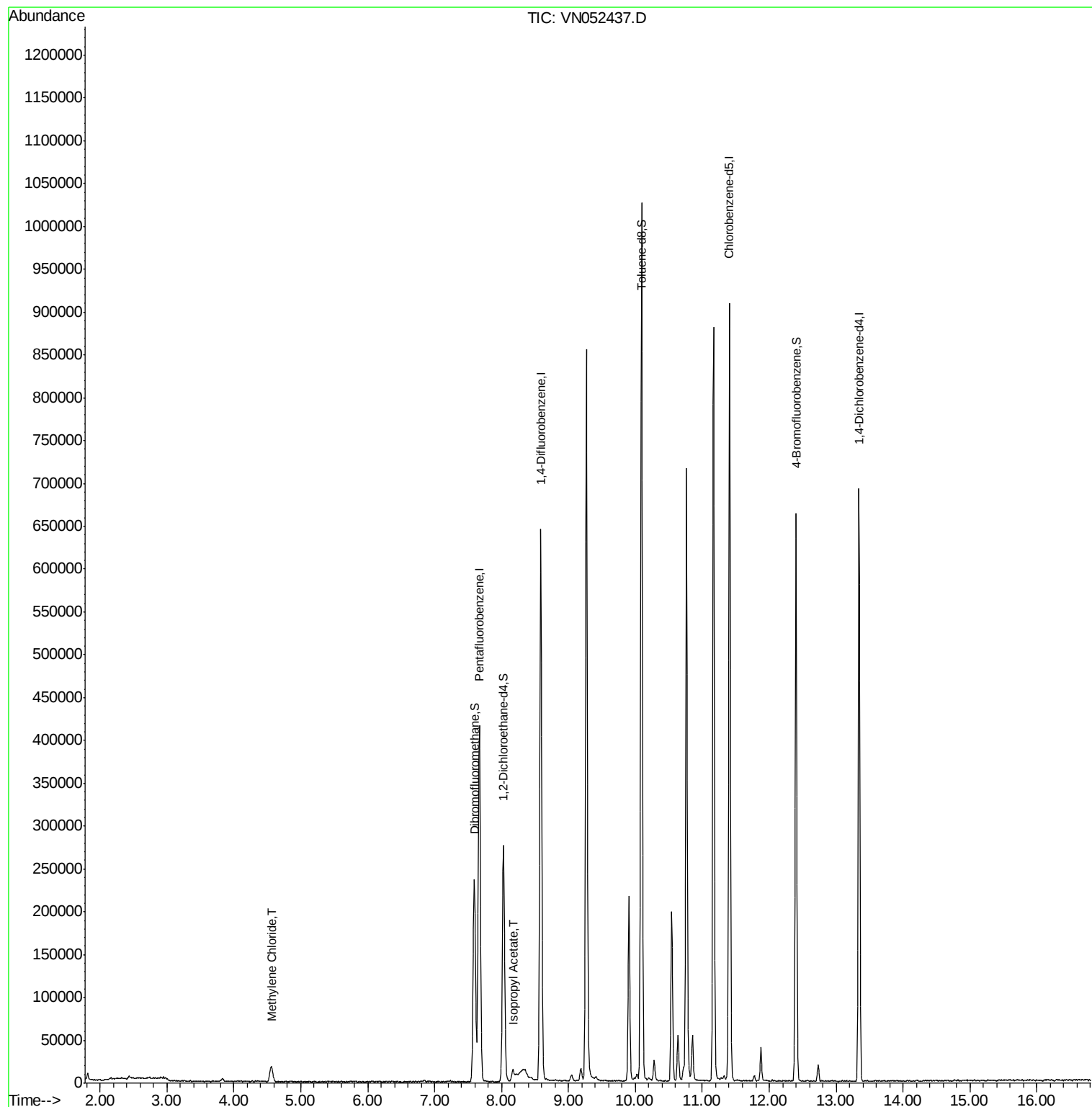
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	303634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	518484	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	457925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	160093	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	236973	55.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.52%	
35) Dibromofluoromethane	7.59	113	173622	51.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.84%	
50) Toluene-d8	10.09	98	662784	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.76%	
62) 4-Bromofluorobenzene	12.40	95	202322	46.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.50%	
Target Compounds						
20) Methylene Chloride	4.56	84	11136	2.43	ug/l	92
43) Isopropyl Acetate	8.17	43	19920	2.74	ug/l #	93

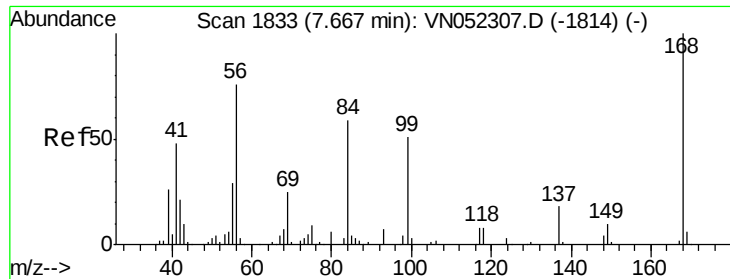
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN112118\
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052437.D

Acq: 21 Nov 2018 14:44

Instrument :

MSVOA_N

ClientSampleId :

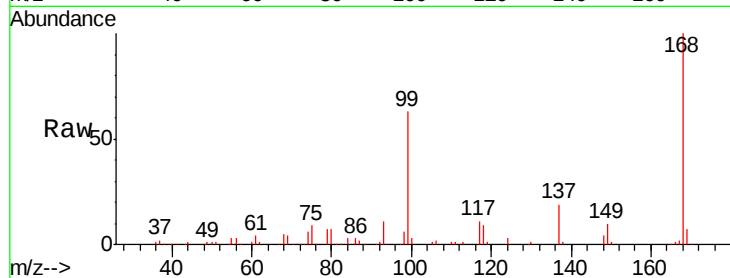
PB114992ZHE#07

Tgt Ion:168 Resp: 303634

Ion Ratio Lower Upper

168 100

99 63.5 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

150000

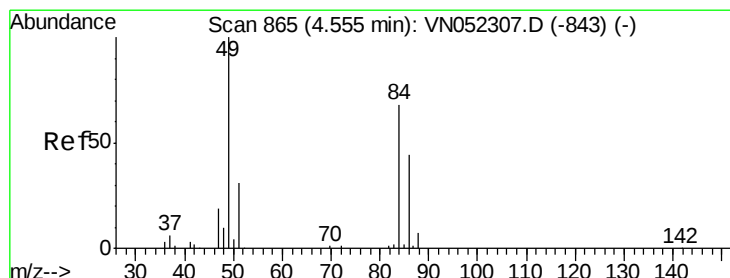
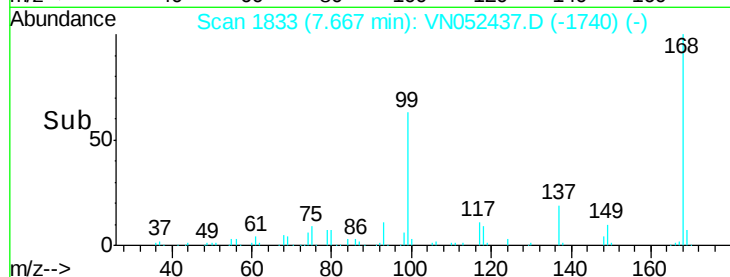
100000

50000

0

7.60 7.70 7.80

Time-->



#20

Methylene Chloride

Concen: 2.43 ug/l

RT: 4.56 min Scan# 867

Delta R.T. 0.01 min

Lab File: VN052437.D

Acq: 21 Nov 2018 14:44

Tgt Ion: 84 Resp: 11136

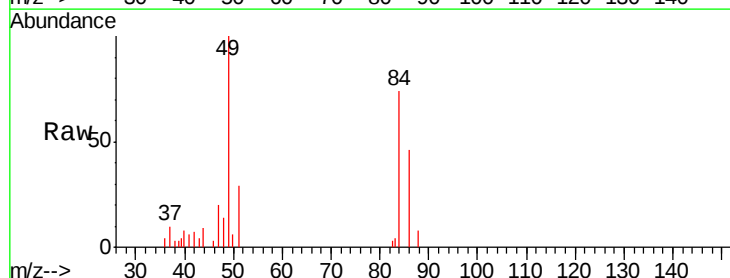
Ion Ratio Lower Upper

84 100

49 135.6 118.2 177.2

51 38.7 36.1 54.1

86 62.2 51.6 77.4



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

8000

6000

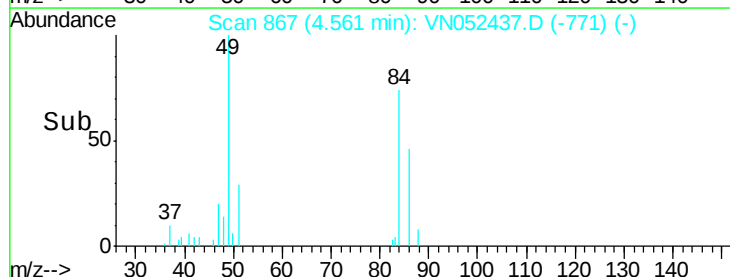
4000

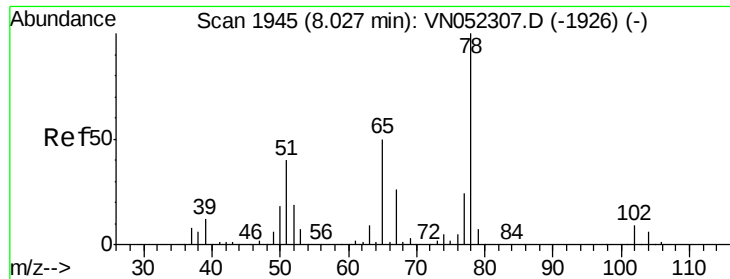
2000

0

4.45 4.50 4.55 4.60 4.65

Time-->

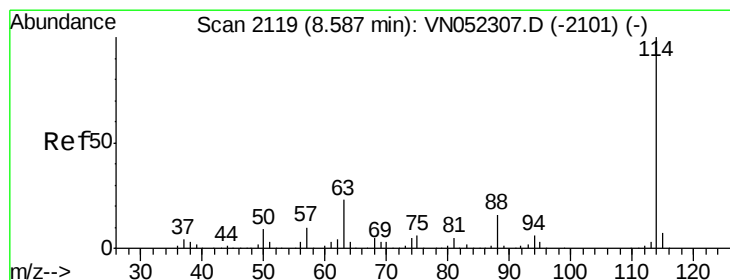
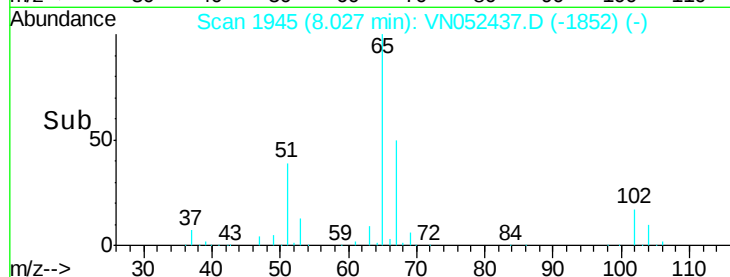
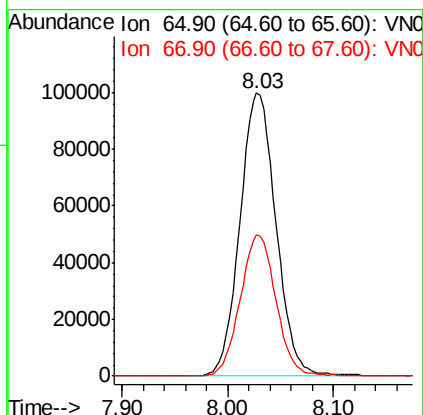
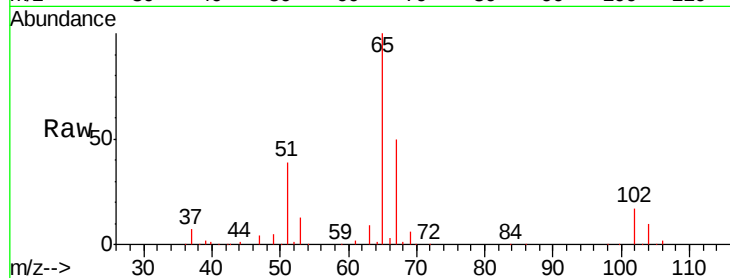




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052437.D
 Acq: 21 Nov 2018 14:44

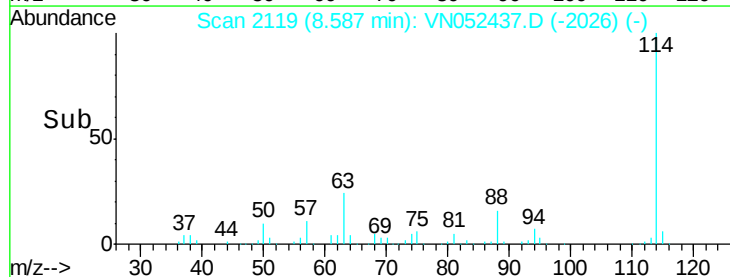
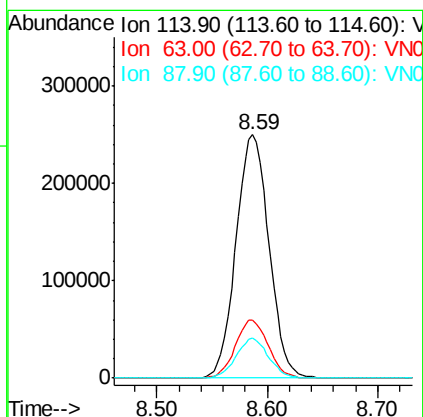
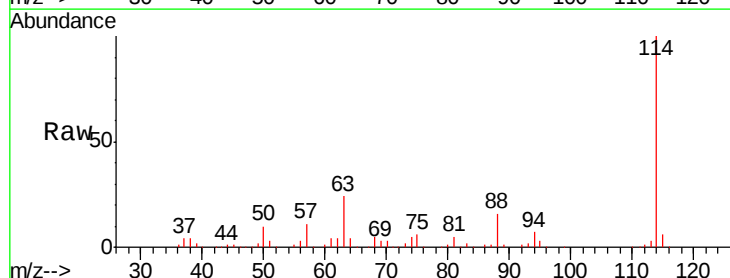
Instrument :
 MSVOA_N
 ClientSampleId :
 PB114992ZHE#07

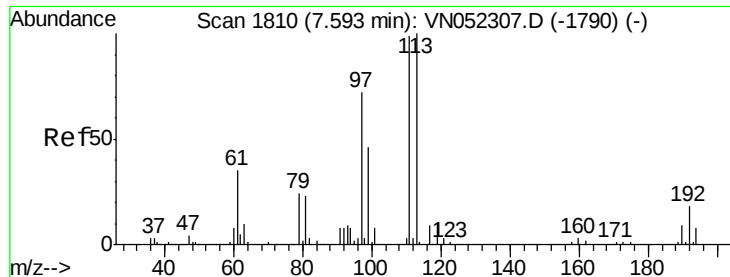
Tgt Ion: 65 Resp: 236973
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052437.D
 Acq: 21 Nov 2018 14:44

Tgt Ion: 114 Resp: 518484
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 45.4
 88 16.3 0.0 31.2

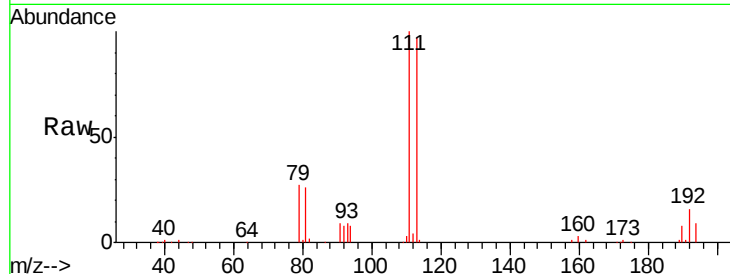




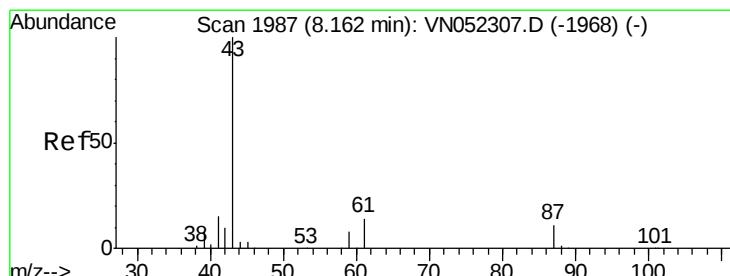
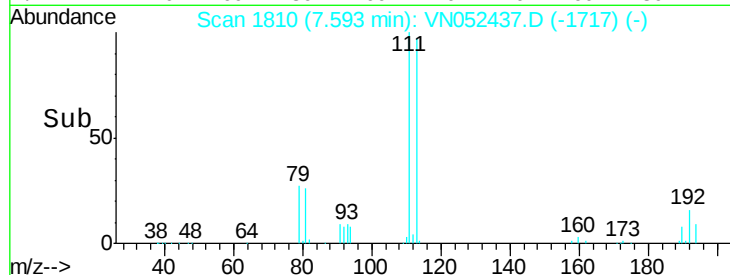
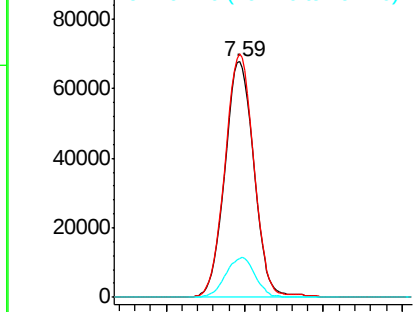
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052437.D
 Acq: 21 Nov 2018 14:44

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114992ZHE#07

Tgt Ion: 113 Resp: 173622
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.0 121.6
 192 17.2 13.8 20.6

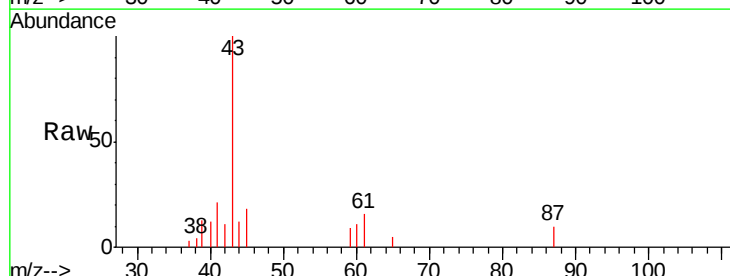


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

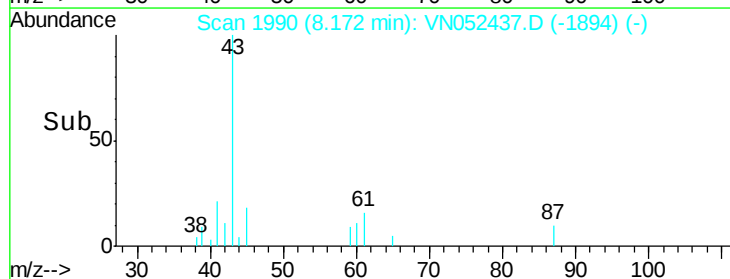
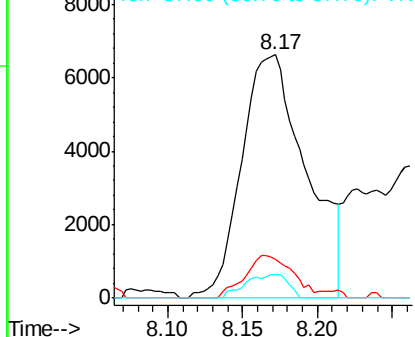


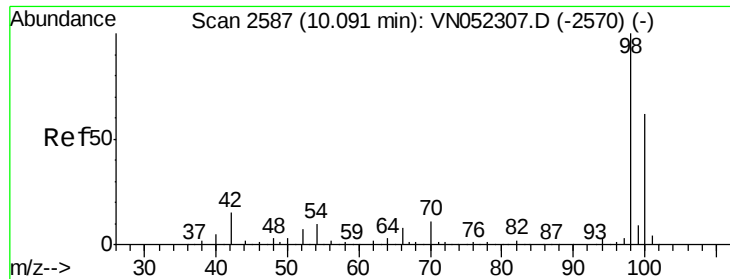
#43
 Isopropyl Acetate
 Concen: 2.74 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.01 min
 Lab File: VN052437.D
 Acq: 21 Nov 2018 14:44

Tgt Ion: 43 Resp: 19920
 Ion Ratio Lower Upper
 43 100
 61 13.0 12.0 18.0
 87 6.3 8.3 12.5#



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: VN052437.D

Acq: 21 Nov 2018 14:44

Instrument :

MSVOA_N

ClientSampleId :

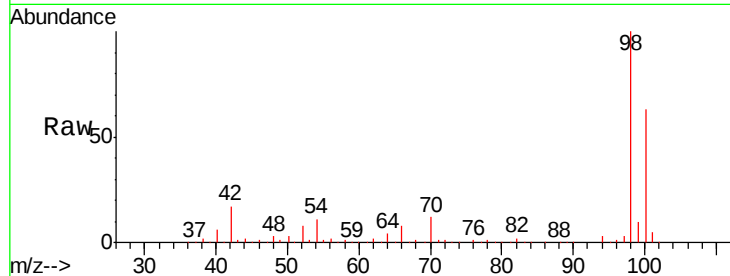
PB114992ZHE#07

Tgt Ion: 98 Resp: 662784

Ion Ratio Lower Upper

98 100

100 62.6 49.5 74.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

400000

300000

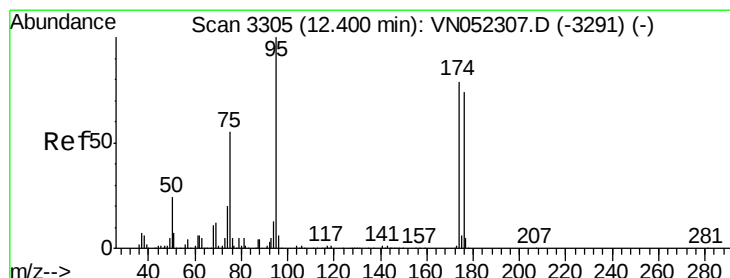
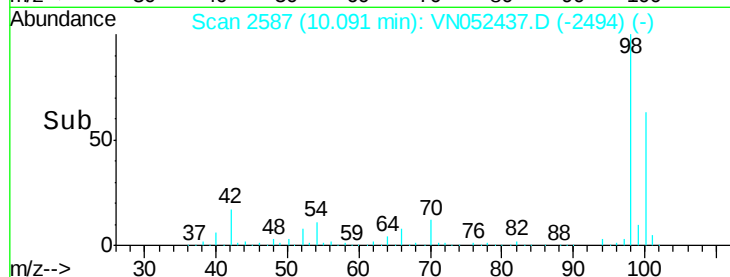
200000

100000

0

Time-->

10.00 10.10



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052437.D

Acq: 21 Nov 2018 14:44

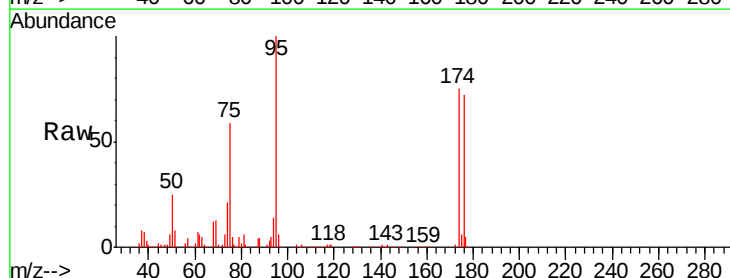
Tgt Ion: 95 Resp: 202322

Ion Ratio Lower Upper

95 100

174 75.8 0.0 156.0

176 73.2 0.0 148.4



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

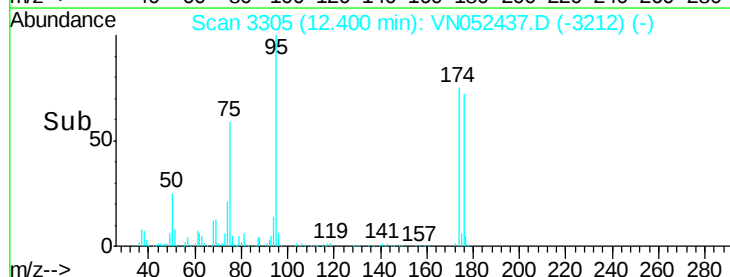
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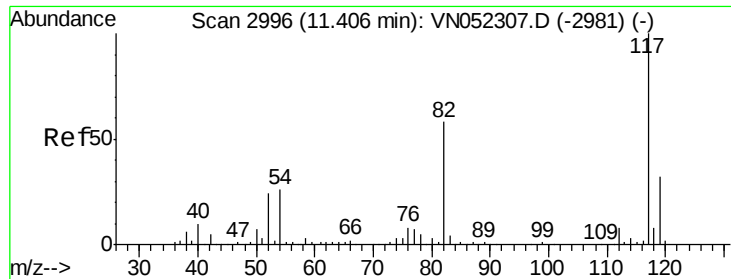
50000

0

Time-->

12.35 12.40 12.45

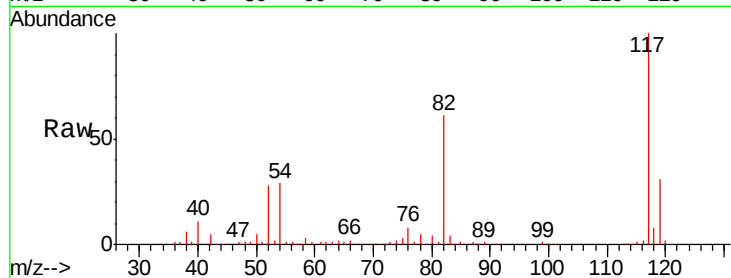




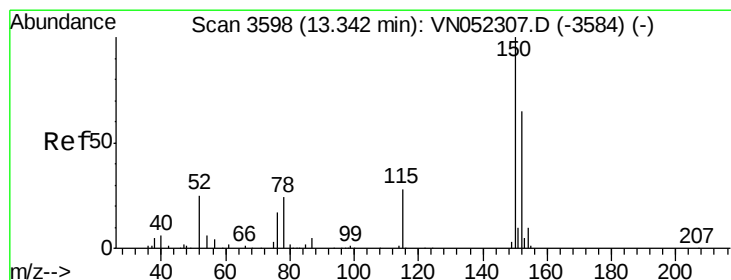
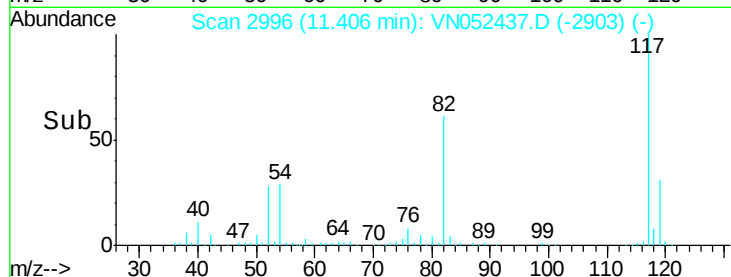
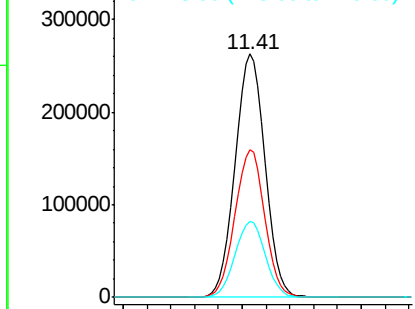
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052437.D
Acq: 21 Nov 2018 14:44

Instrument :
MSVOA_N
ClientSampleId :
PB114992ZHE#07

Tgt Ion:117 Resp: 457925
Ion Ratio Lower Upper
117 100
82 60.8 46.5 69.7
119 31.4 25.7 38.5

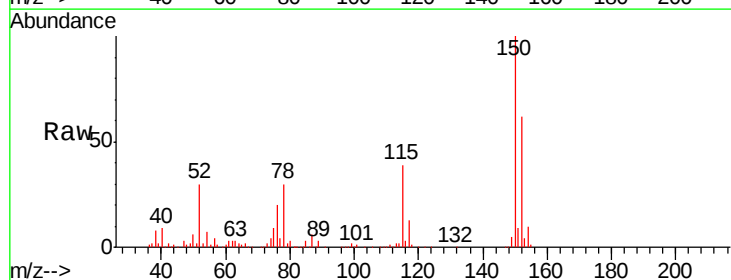


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN052437.D
Acq: 21 Nov 2018 14:44

Tgt Ion:152 Resp: 160093
Ion Ratio Lower Upper
152 100
115 62.4 30.3 91.0
150 160.7 0.0 348.2



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

