

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111318\
 Data File : VN052297.D
 Acq On : 13 Nov 2018 19:57
 Operator : MD\SY
 Sample : PB114744ZHE#10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114744ZHE#10

Quant Time: Nov 14 02:42:11 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

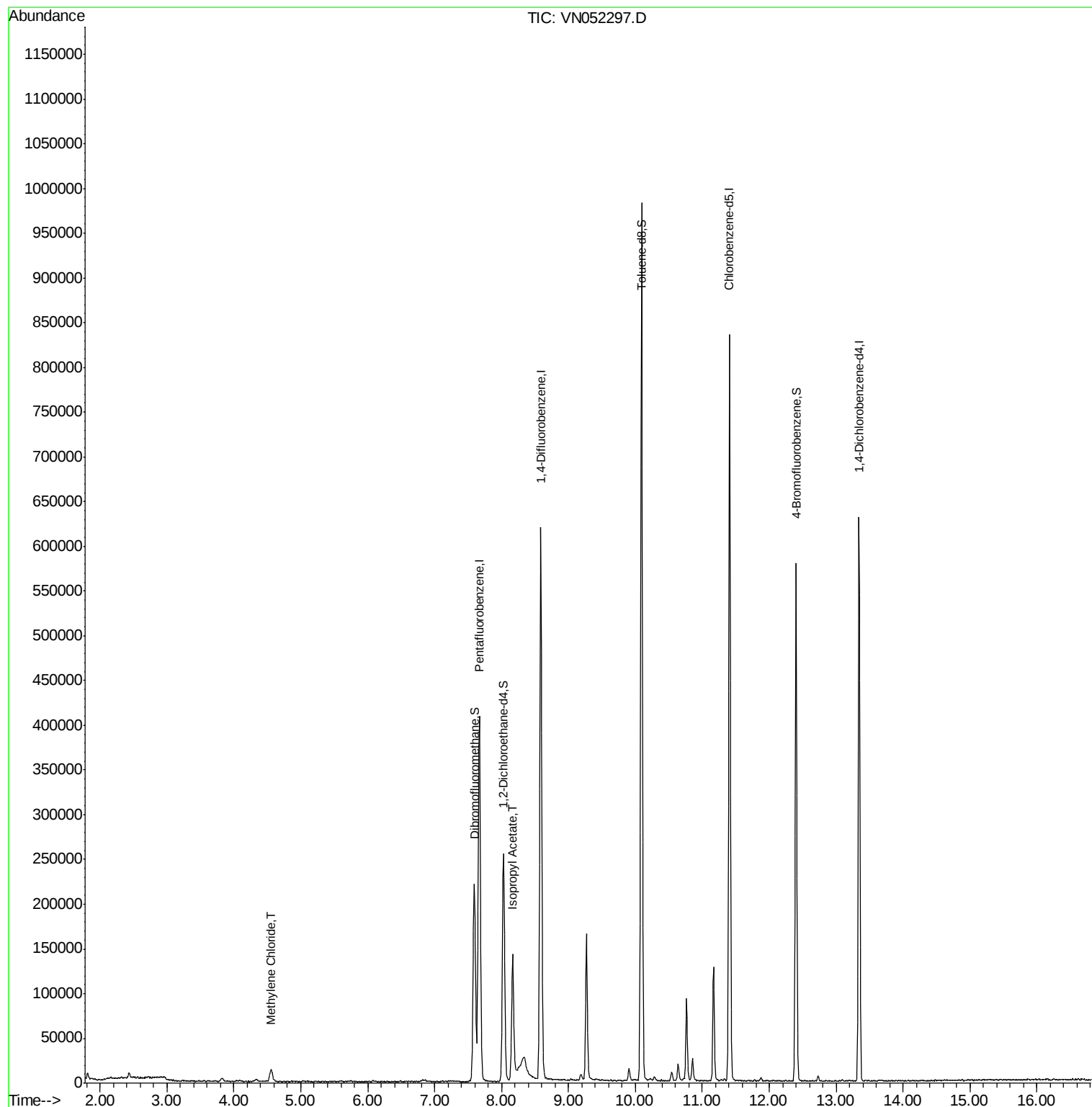
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	306156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	520736	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	438939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	152064	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	213643	51.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.04%	
35) Dibromofluoromethane	7.59	113	163097	48.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.70%	
50) Toluene-d8	10.09	98	645537	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
62) 4-Bromofluorobenzene	12.40	95	185401	43.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.86%	
Target Compounds						
20) Methylene Chloride	4.56	84	8557	2.242	ug/l	92
43) Isopropyl Acetate	8.17	43	175657	25.492	ug/l	96

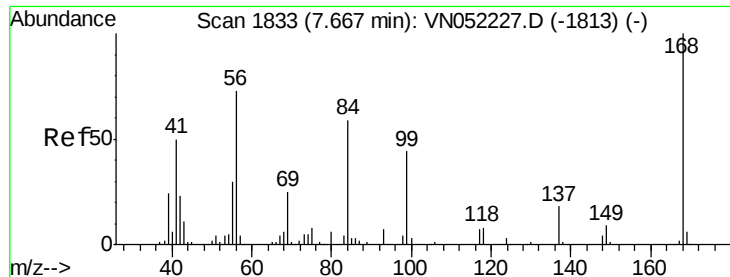
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052297.D

Acq: 13 Nov 2018 19:57

Instrument :

MSVOA_N

ClientSampleId :

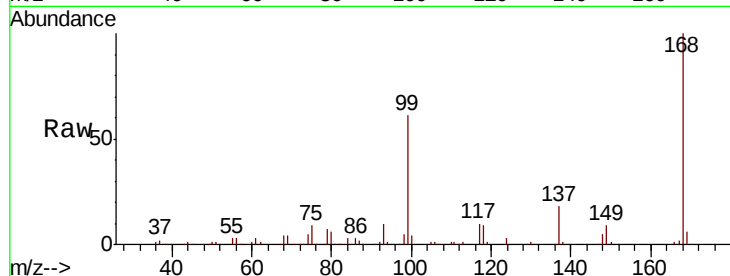
PB114744ZHE#10

Tot Ion:168 Resp: 306156

Ion Ratio Lower Upper

168 100

99 61.0 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

150000

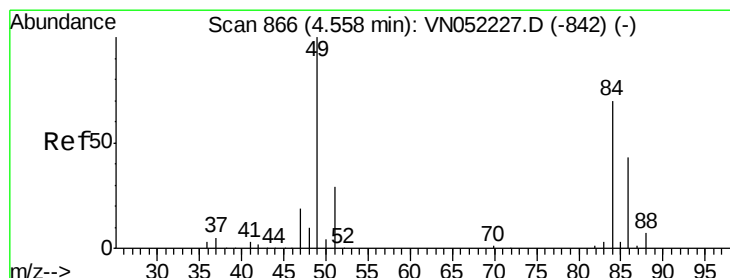
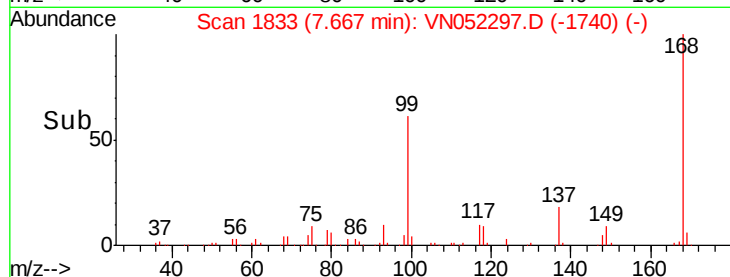
100000

50000

0

7.60 7.70 7.80

Time-->



#20

Methylene Chloride

Concen: 2.242 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.00 min

Lab File: VN052297.D

Acq: 13 Nov 2018 19:57

Tgt Ion: 84 Resp: 8557

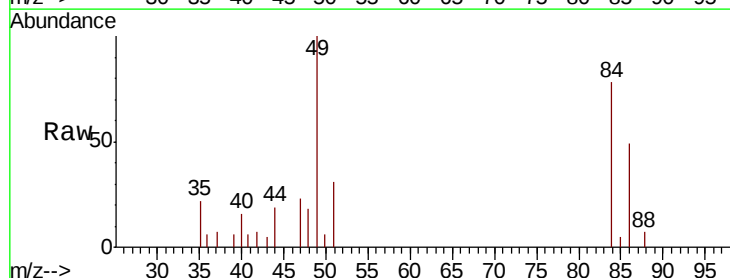
Ion Ratio Lower Upper

84 100

49 128.3 114.8 172.2

51 39.8 33.1 49.7

86 62.5 49.7 74.5



Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN

6000

5000

4000

3000

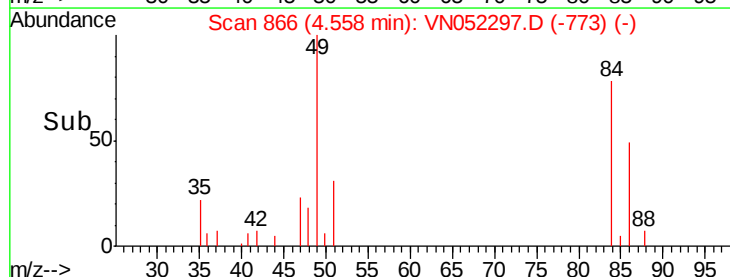
2000

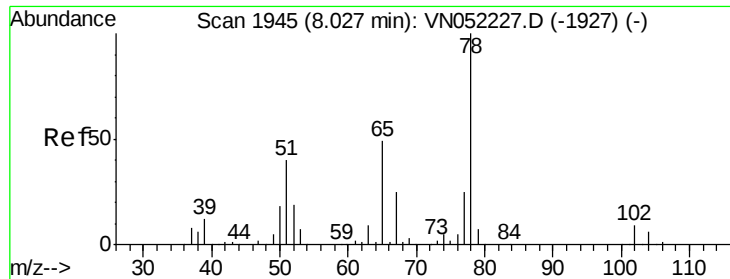
1000

0

4.45 4.50 4.55 4.60 4.65

Time-->

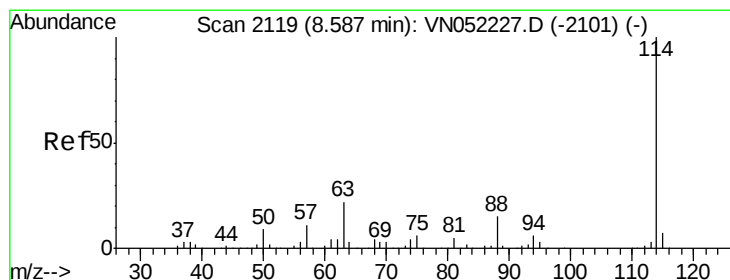
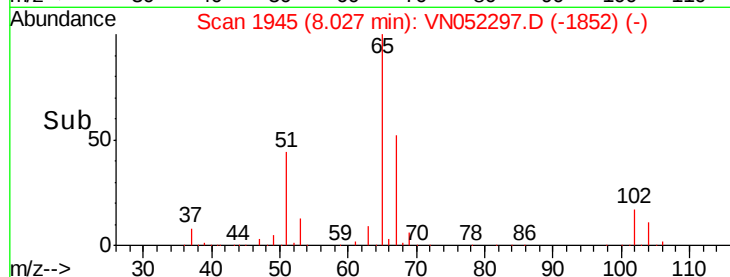
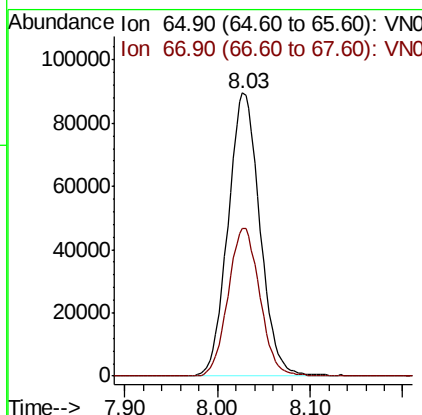
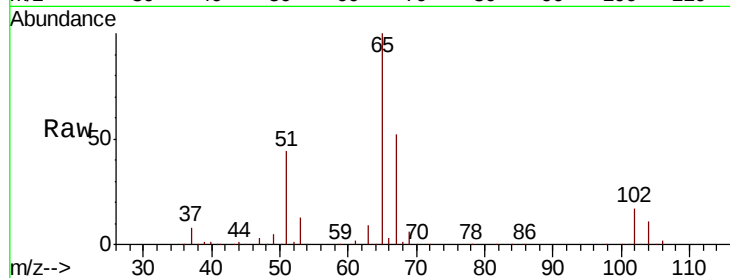




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052297.D
 Acq: 13 Nov 2018 19:57

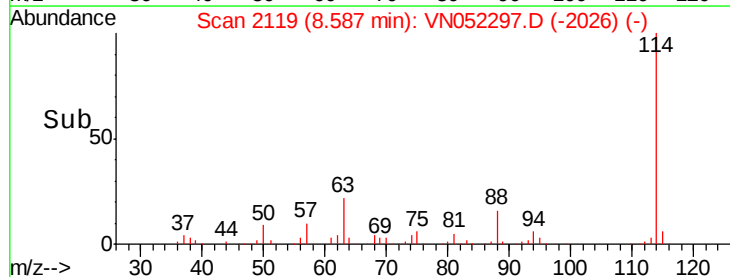
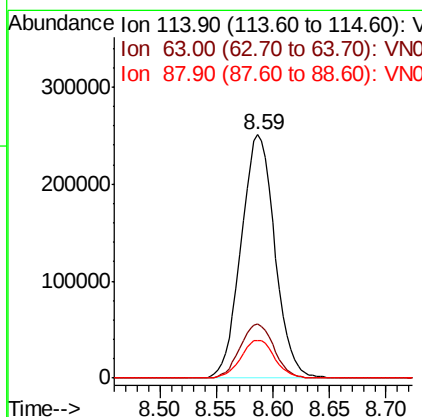
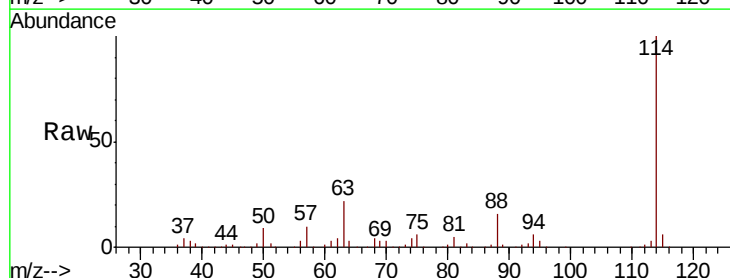
Instrument :
 MSVOA_N
 ClientSampleId :
 PB114744ZHE#10

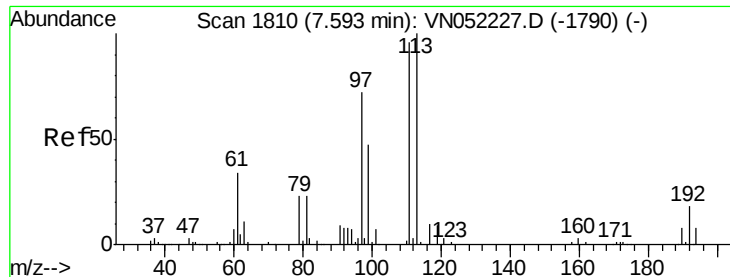
Tot Ion: 65 Resp: 213643
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052297.D
 Acq: 13 Nov 2018 19:57

Tgt Ion: 114 Resp: 520736
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 43.4
 88 15.7 0.0 30.2

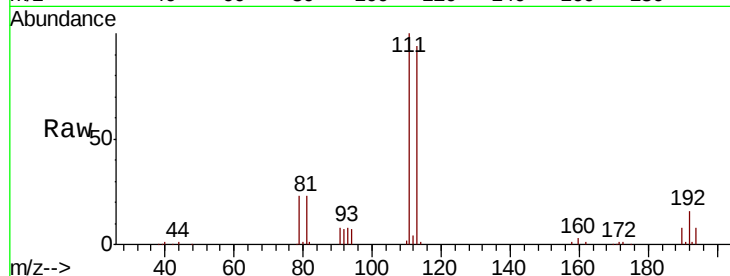




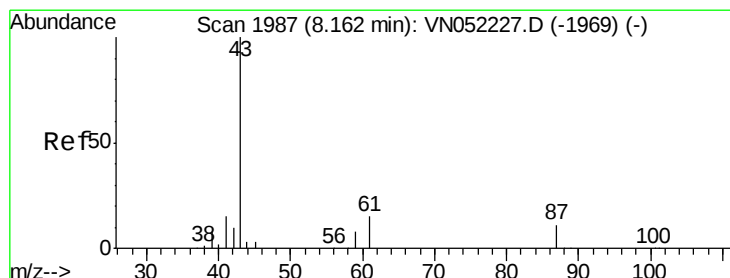
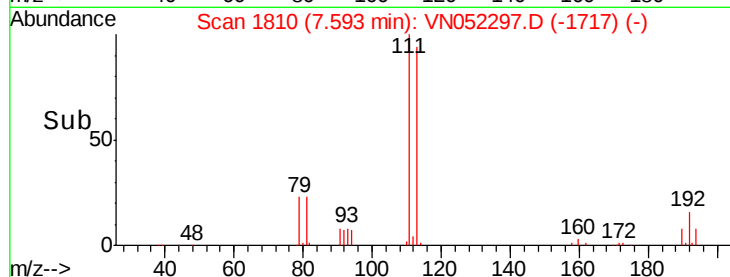
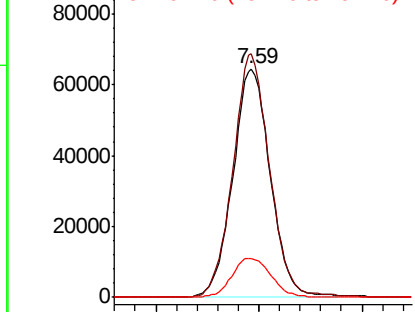
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052297.D
 Acq: 13 Nov 2018 19:57

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114744ZHE#10

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.3	80.2	120.4
192	17.7	14.1	21.1

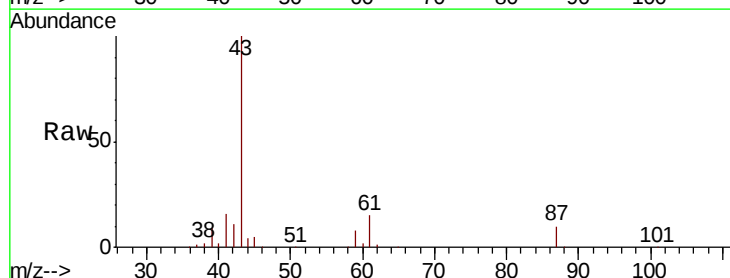


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

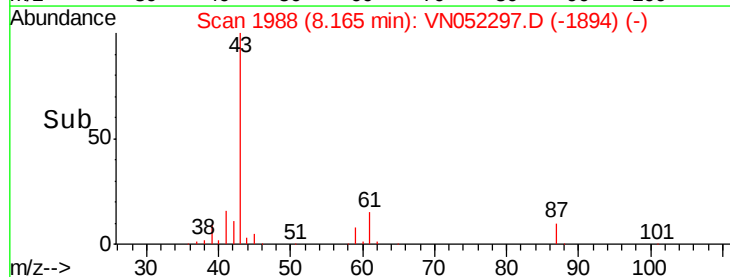
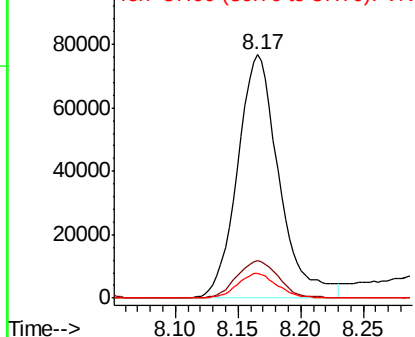


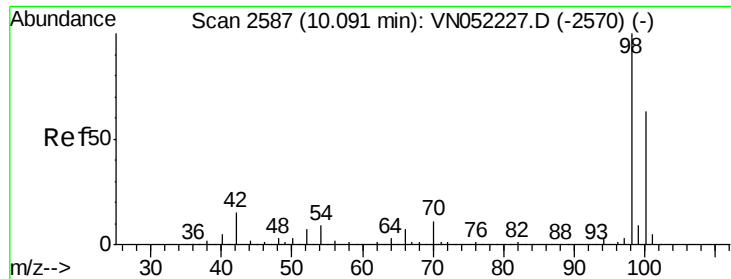
#43
 Isopropyl Acetate
 Concen: 25.492 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN052297.D
 Acq: 13 Nov 2018 19:57

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.4	14.2	21.4
87	9.8	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: VN052297.D

Acq: 13 Nov 2018 19:57

Instrument :

MSVOA_N

ClientSampleId :

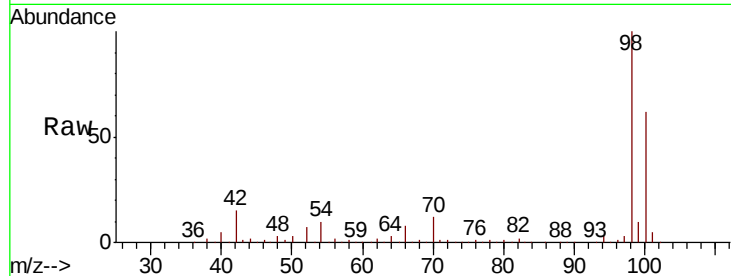
PB114744ZHE#10

Tot Ion: 98 Resp: 645537

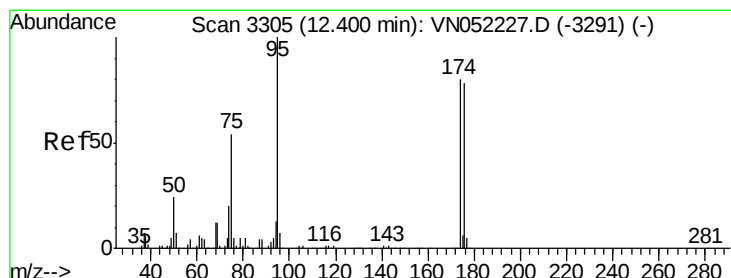
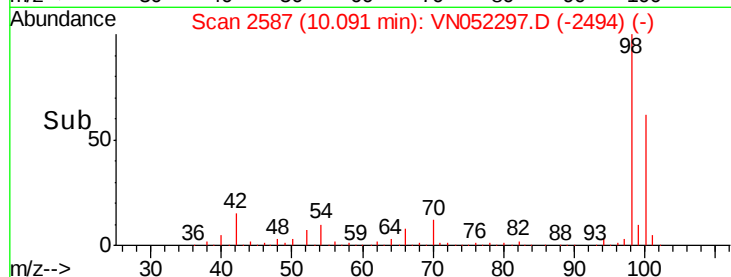
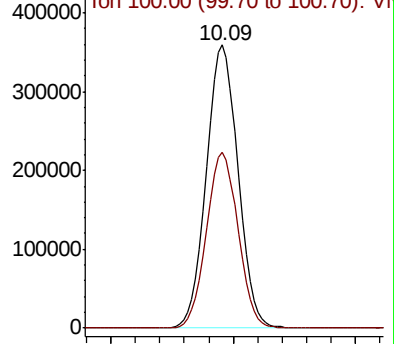
Ion Ratio Lower Upper

98 100

100 62.1 50.2 75.2



Abundance Ion 98.00 (97.70 to 98.70): VN052227.D (-2570) (-)



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052297.D

Acq: 13 Nov 2018 19:57

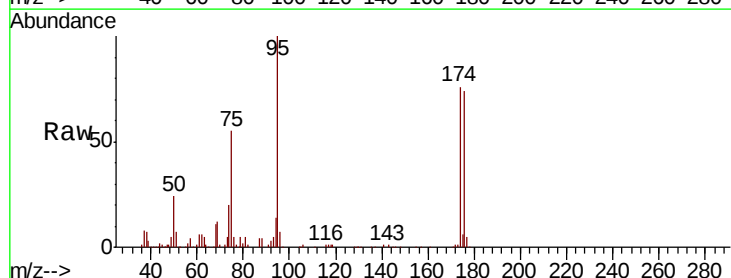
Tgt Ion: 95 Resp: 185401

Ion Ratio Lower Upper

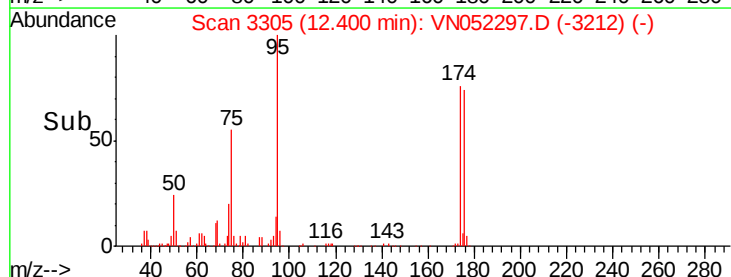
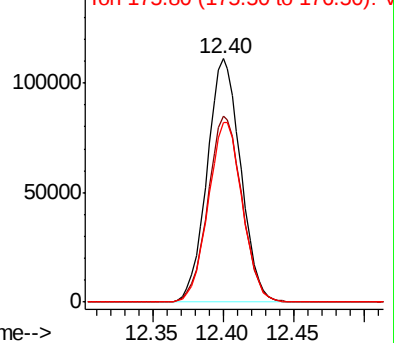
95 100

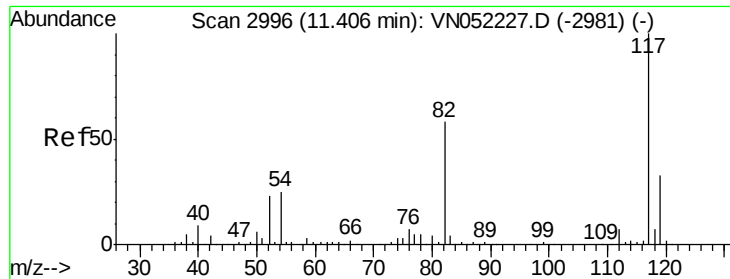
174 77.4 0.0 159.4

176 75.1 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN052227.D (-3291) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN052297.D

Acq: 13 Nov 2018 19:57

Instrument :

MSVOA_N

ClientSampleId :

PB114744ZHE#10

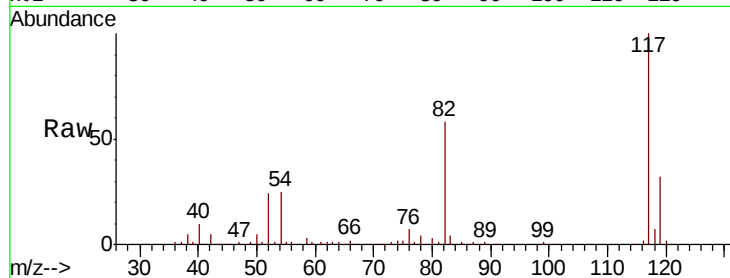
Tot Ion:117 Resp: 438939

Ion Ratio Lower Upper

117 100

82 57.8 46.2 69.2

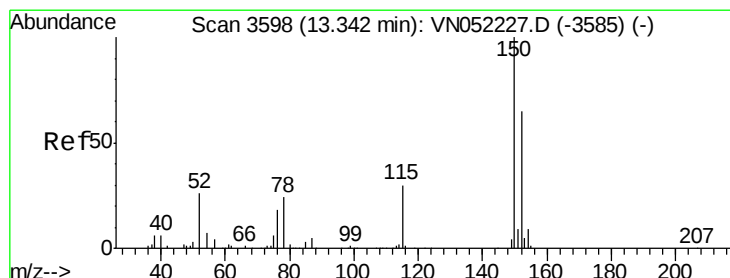
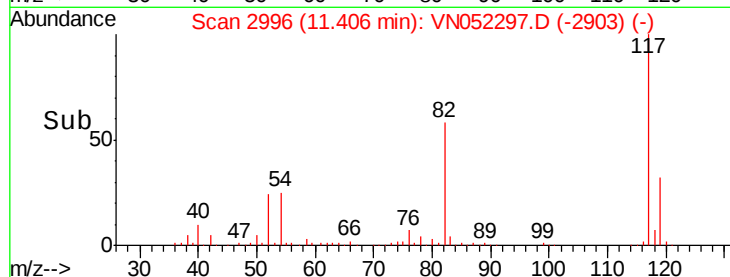
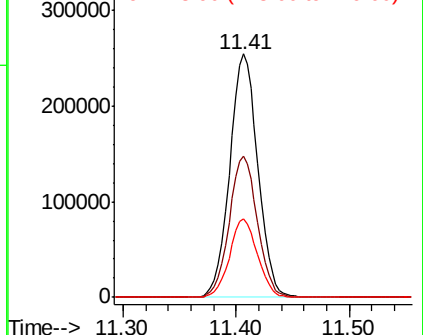
119 32.4 26.2 39.4



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: VN052297.D

Acq: 13 Nov 2018 19:57

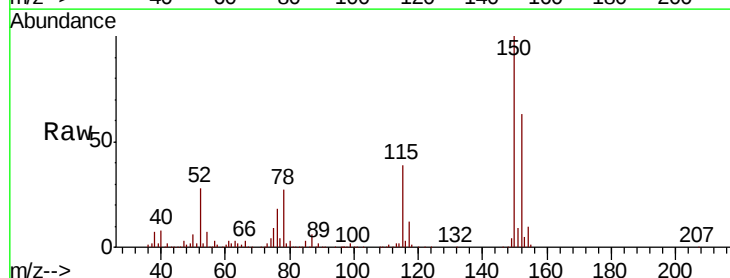
Tgt Ion:152 Resp: 152064

Ion Ratio Lower Upper

152 100

115 61.6 29.8 89.5

150 157.5 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

