

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091918\
 Data File : VN051325.D
 Acq On : 19 Sep 2018 17:42
 Operator : MD\SY
 Sample : PB112994TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112994TB

Quant Time: Sep 20 02:23:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 18 06:04:06 2018
 Response via : Initial Calibration

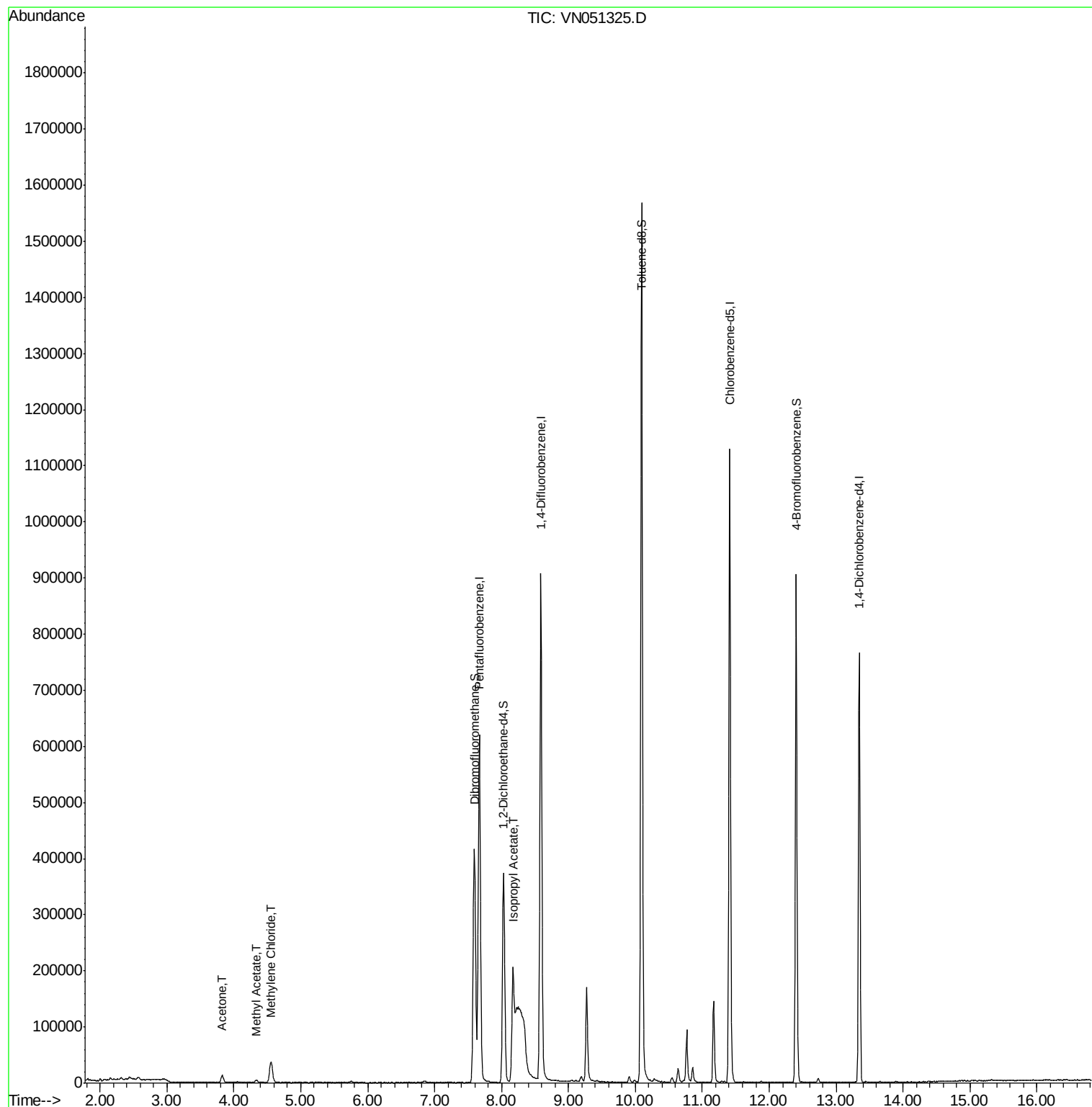
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	560562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	878352	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	737596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	231206	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	321399	52.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.52%	
35) Dibromofluoromethane	7.59	113	323379	47.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.76%	
50) Toluene-d8	10.09	98	1169034	46.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.68%	
62) 4-Bromofluorobenzene	12.40	95	311018	38.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.52%	
Target Compounds						
16) Acetone	3.82	43	22260	6.80	ug/l	98
18) Methyl Acetate	4.34	43	9060	1.46	ug/l #	76
20) Methylene Chloride	4.55	84	31521	4.73	ug/l	94
43) Isopropyl Acetate	8.17	43	252797	29.89	ug/l #	92

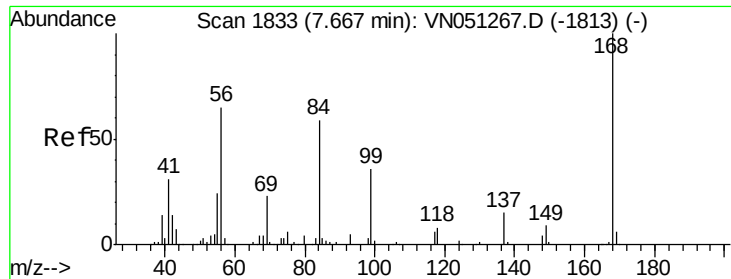
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051325.D

Acq: 19 Sep 2018 17:42

Instrument :

MSVOA_N

ClientSampled :

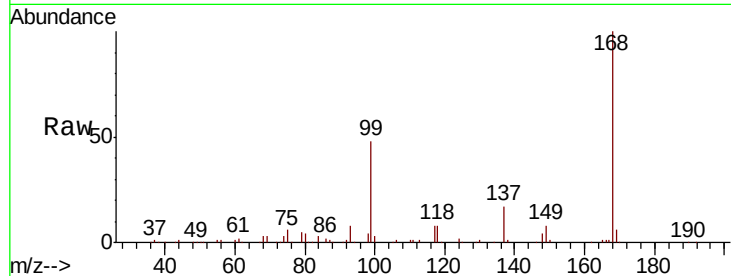
PB112994TB

Tot Ion:168 Resp: 560562

Ion Ratio Lower Upper

168 100

99 47.7 38.2 57.4



Abundance Ion 167.90 (167.60 to 168.60): VN051325.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN051325.D (-1740) (-)

7.67

250000

200000

150000

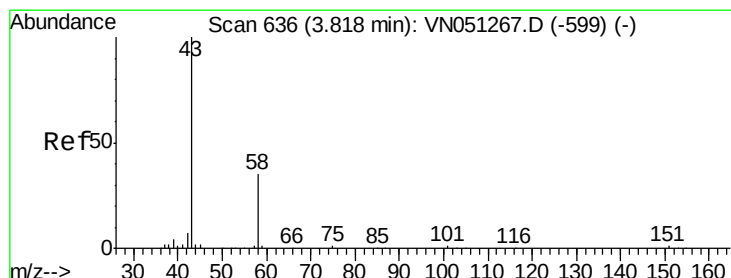
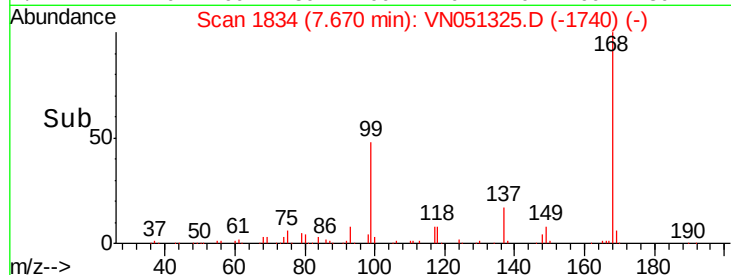
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 6.80 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN051325.D

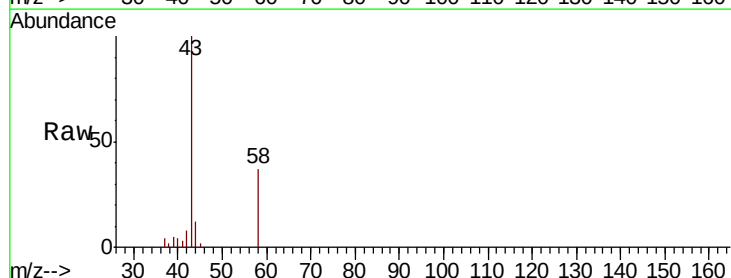
Acq: 19 Sep 2018 17:42

Tgt Ion: 43 Resp: 22260

Ion Ratio Lower Upper

43 100

58 36.6 28.2 42.2



Abundance Ion 43.00 (42.70 to 43.70): VN051325.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN051325.D (-543) (-)

3.82

8000

6000

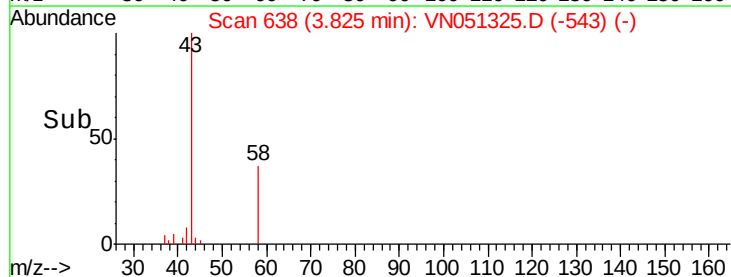
4000

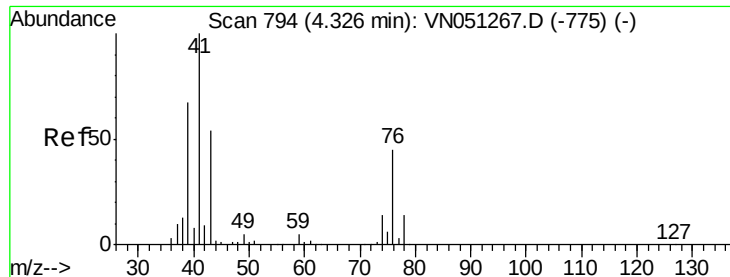
2000

0

3.70 3.80 3.90

Time-->

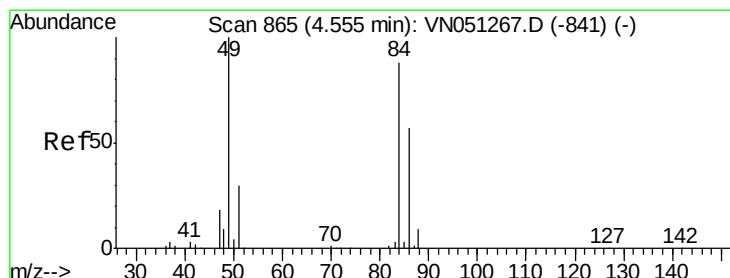
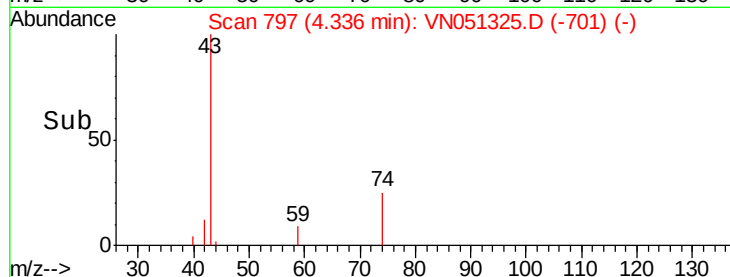
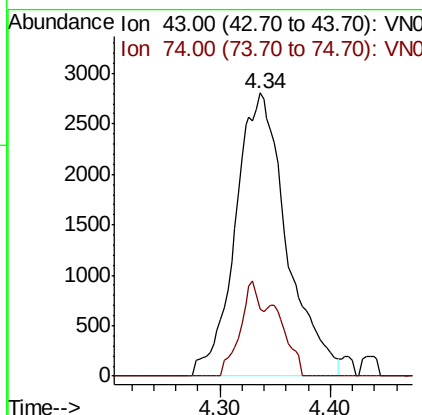
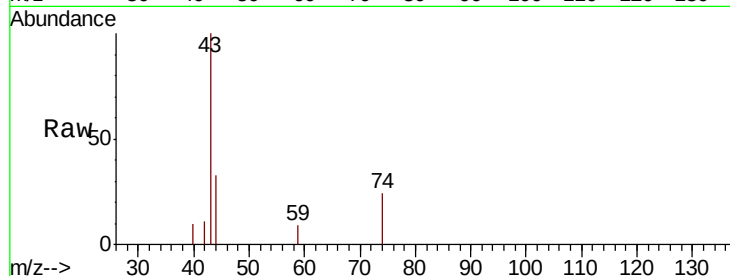




#18
Methyl Acetate
Concen: 1.46 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN051325.D
Acq: 19 Sep 2018 17:42

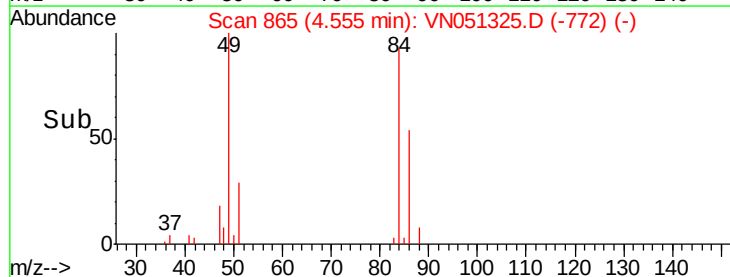
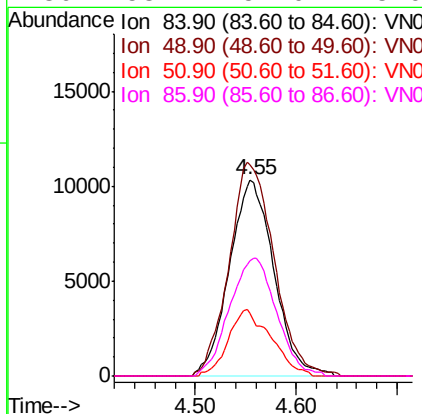
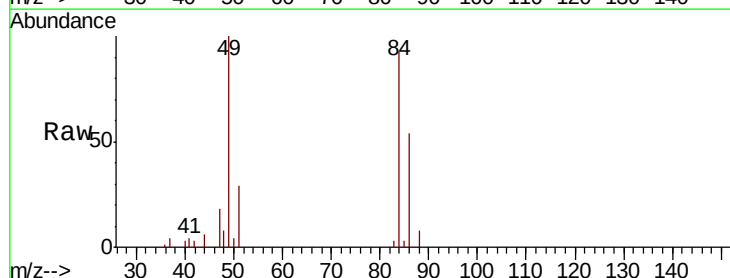
Instrument :
MSVOA_N
ClientSampled :
PB112994TB

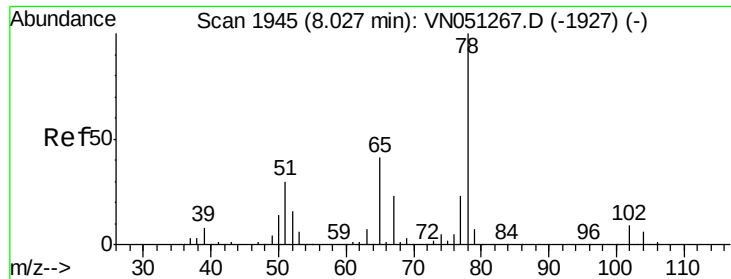
Tot Ion: 43 Resp: 9060
Ion Ratio Lower Upper
43 100
74 13.7 20.8 31.2#



#20
Methylene Chloride
Concen: 4.73 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051325.D
Acq: 19 Sep 2018 17:42

Tgt Ion: 84 Resp: 31521
Ion Ratio Lower Upper
84 100
49 107.8 91.2 136.8
51 31.7 27.7 41.5
86 58.7 52.0 78.0

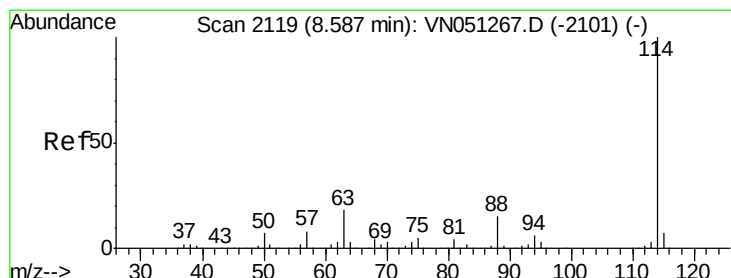
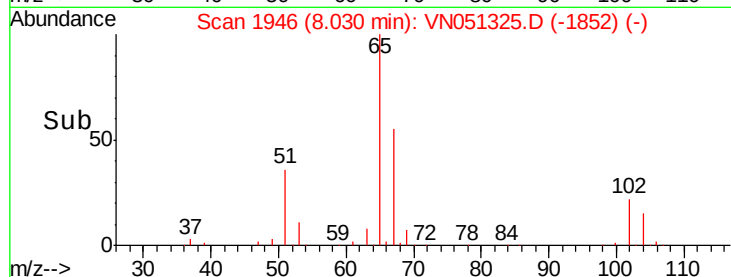
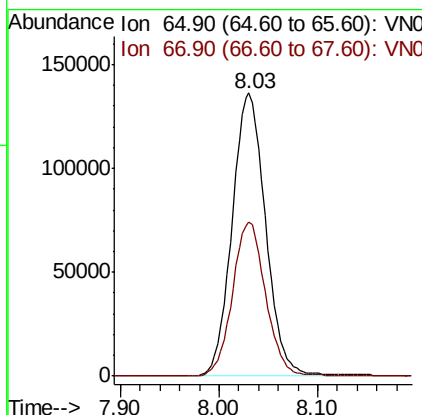
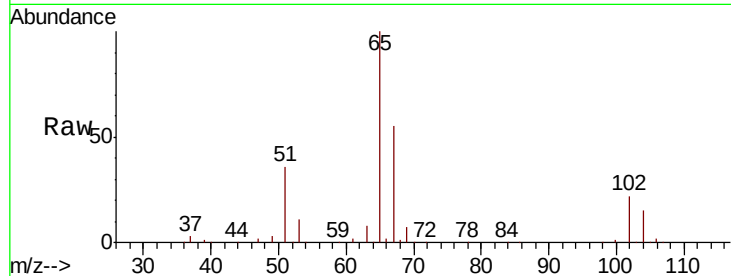




#33
 1,2-Dichloroethane-d4
 Concen: 52.76 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051325.D
 Acq: 19 Sep 2018 17:42

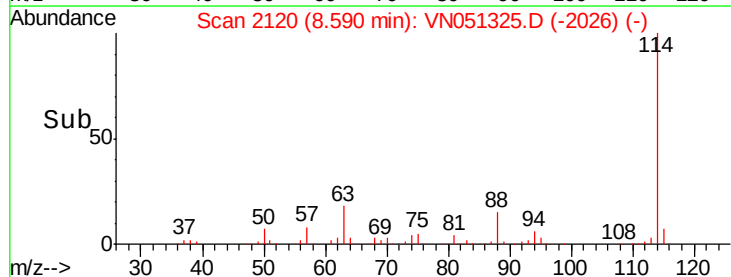
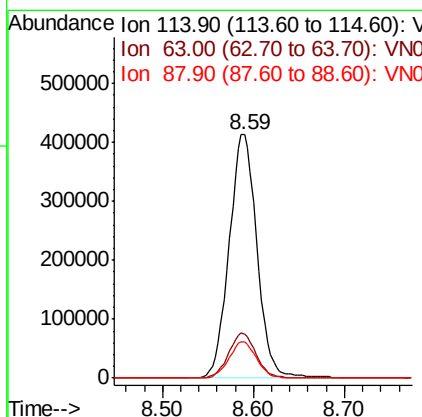
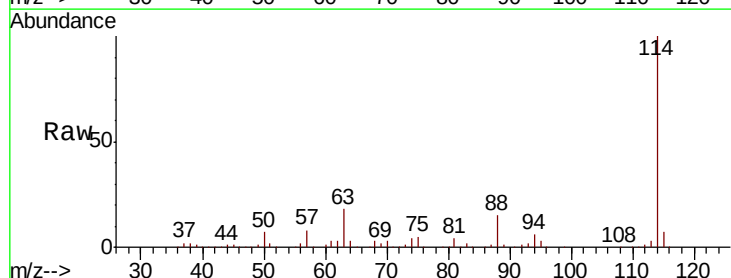
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112994TB

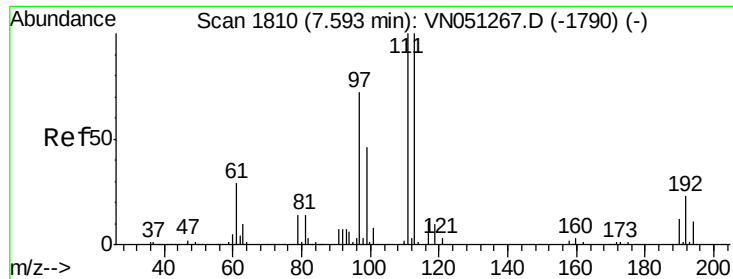
Tot Ion: 65 Resp: 321399
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: VN051325.D
 Acq: 19 Sep 2018 17:42

Tgt Ion: 114 Resp: 878352
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 36.8
 88 15.0 0.0 30.8

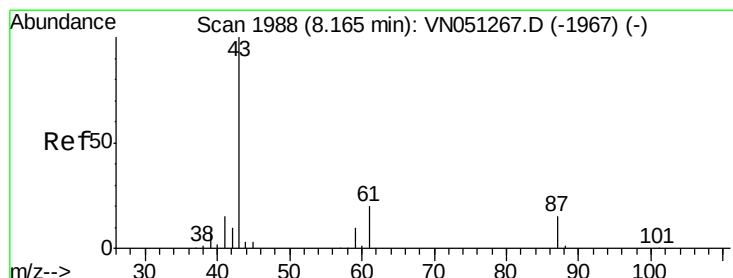
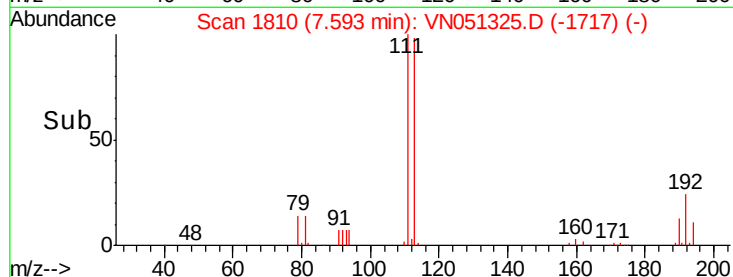
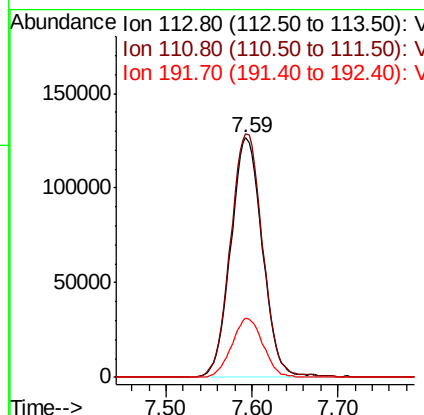
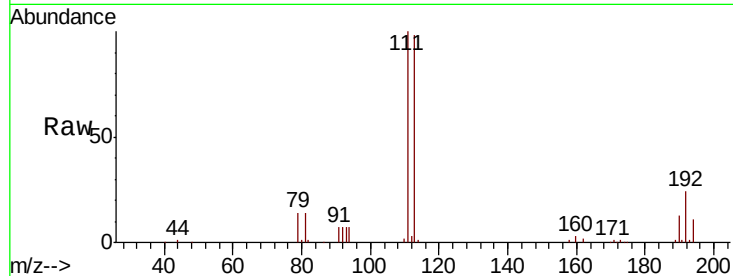




#35
 Dibromofluoromethane
 Concen: 47.38 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051325.D
 Acq: 19 Sep 2018 17:42

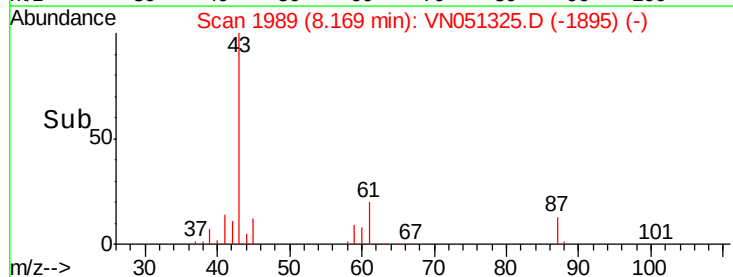
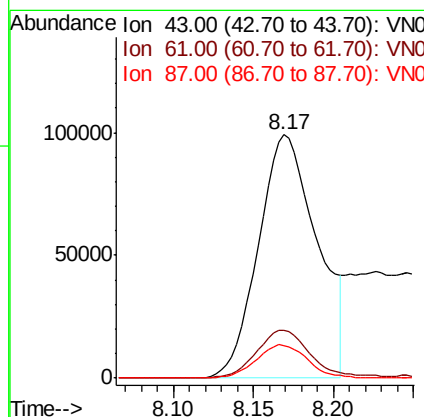
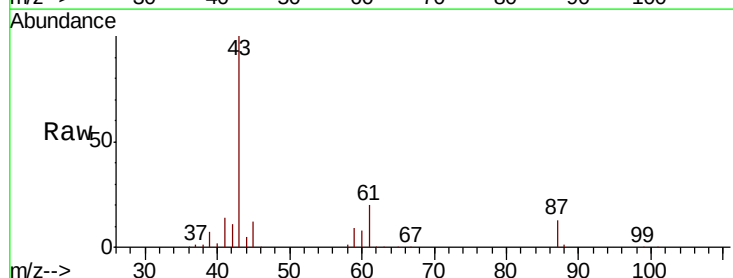
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112994TB

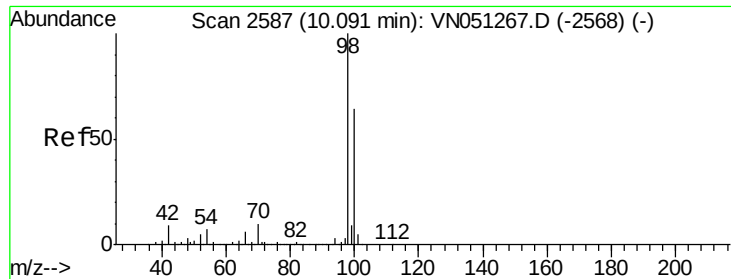
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.2	123.4
192	24.4	19.0	28.6



#43
 Isopropyl Acetate
 Concen: 29.89 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN051325.D
 Acq: 19 Sep 2018 17:42

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.2	17.4	26.2
87	12.0	12.2	18.4





#50

Toluene-d8

Concen: 46.34 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051325.D

Acq: 19 Sep 2018 17:42

Instrument :

MSVOA_N

ClientSampleId :

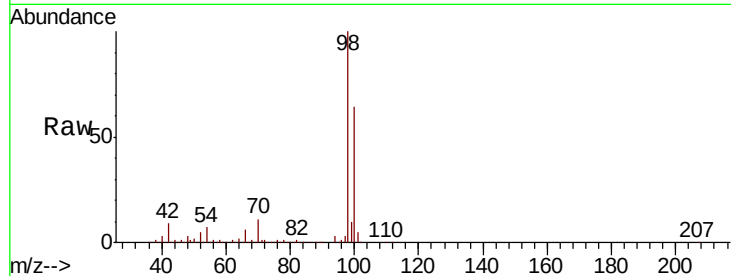
PB112994TB

Tot Ion: 98 Resp: 1169034

Ion Ratio Lower Upper

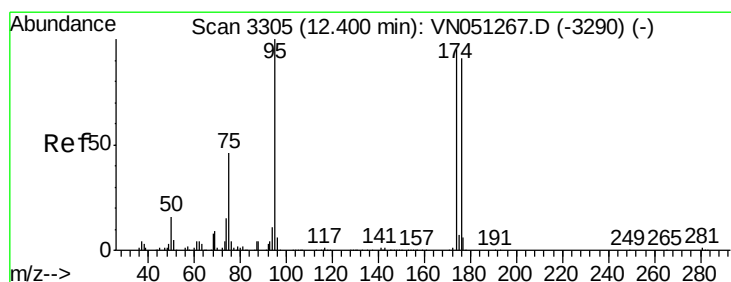
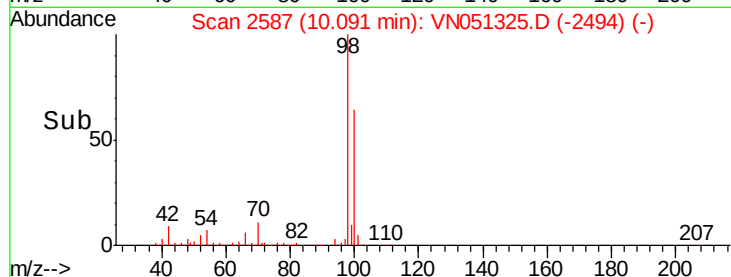
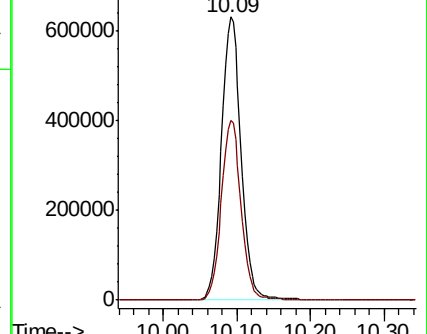
98 100

100 63.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 38.76 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051325.D

Acq: 19 Sep 2018 17:42

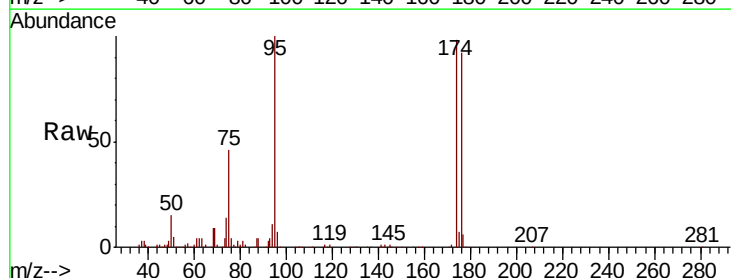
Tgt Ion: 95 Resp: 311018

Ion Ratio Lower Upper

95 100

174 95.7 0.0 189.6

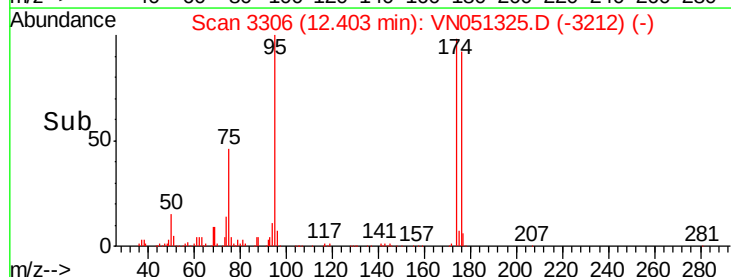
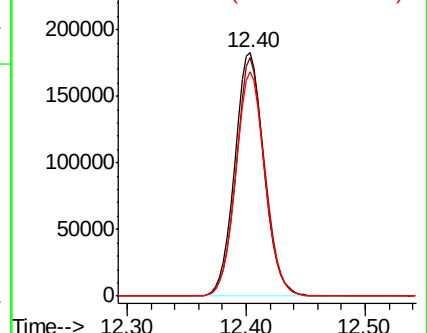
176 91.6 0.0 182.6

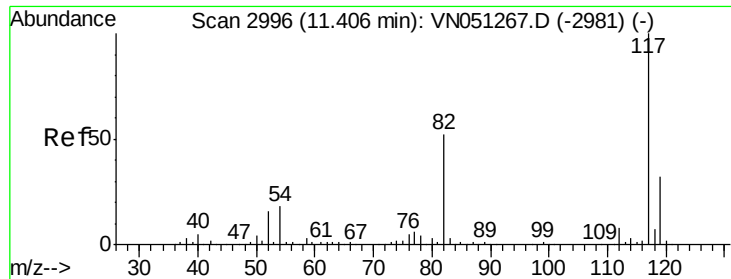


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051325.D

Acq: 19 Sep 2018 17:42

Instrument :

MSVOA_N

ClientSampled :

PB112994TB

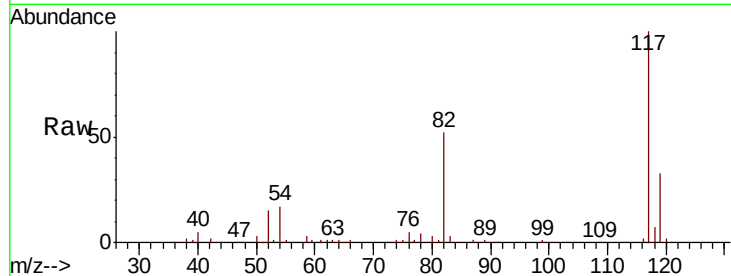
Tot Ion:117 Resp: 737596

Ion Ratio Lower Upper

117 100

82 52.0 41.8 62.8

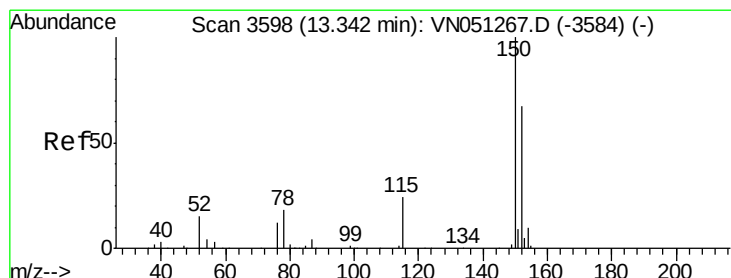
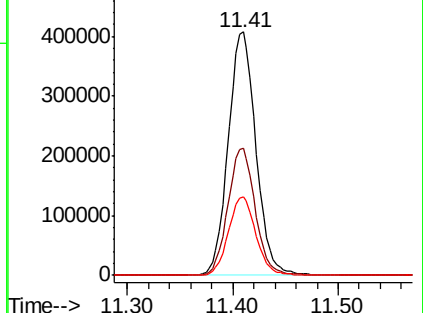
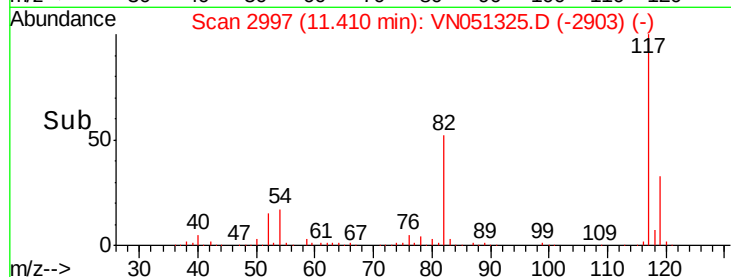
119 32.5 25.6 38.4



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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051325.D

Acq: 19 Sep 2018 17:42

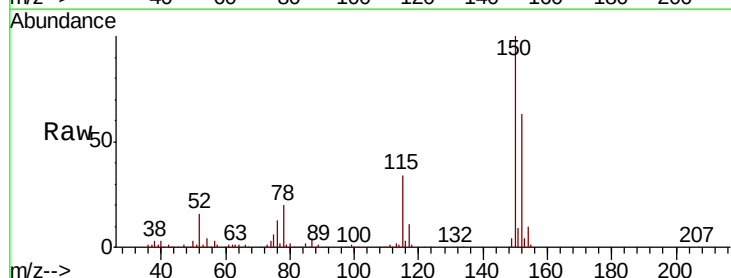
Tgt Ion:152 Resp: 231206

Ion Ratio Lower Upper

152 100

115 54.3 27.1 81.2

150 157.2 0.0 349.0



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

