

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091518\
 Data File : VN051221.D
 Acq On : 15 Sep 2018 14:41
 Operator : MD\SY
 Sample : PB112879ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112879ZHE#02

Quant Time: Sep 17 03:21:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	456672	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	699847	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	577868	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	176160	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	237642	46.76	ug/l	0.00
Spiked Amount			Recovery	=	93.52%	
35) Dibromofluoromethane	7.59	113	258226	49.10	ug/l	0.00
Spiked Amount			Recovery	=	98.20%	
50) Toluene-d8	10.09	98	899108	45.06	ug/l	0.00
Spiked Amount			Recovery	=	90.12%	
62) 4-Bromofluorobenzene	12.40	95	241499	36.59	ug/l	0.00
Spiked Amount			Recovery	=	73.18%	

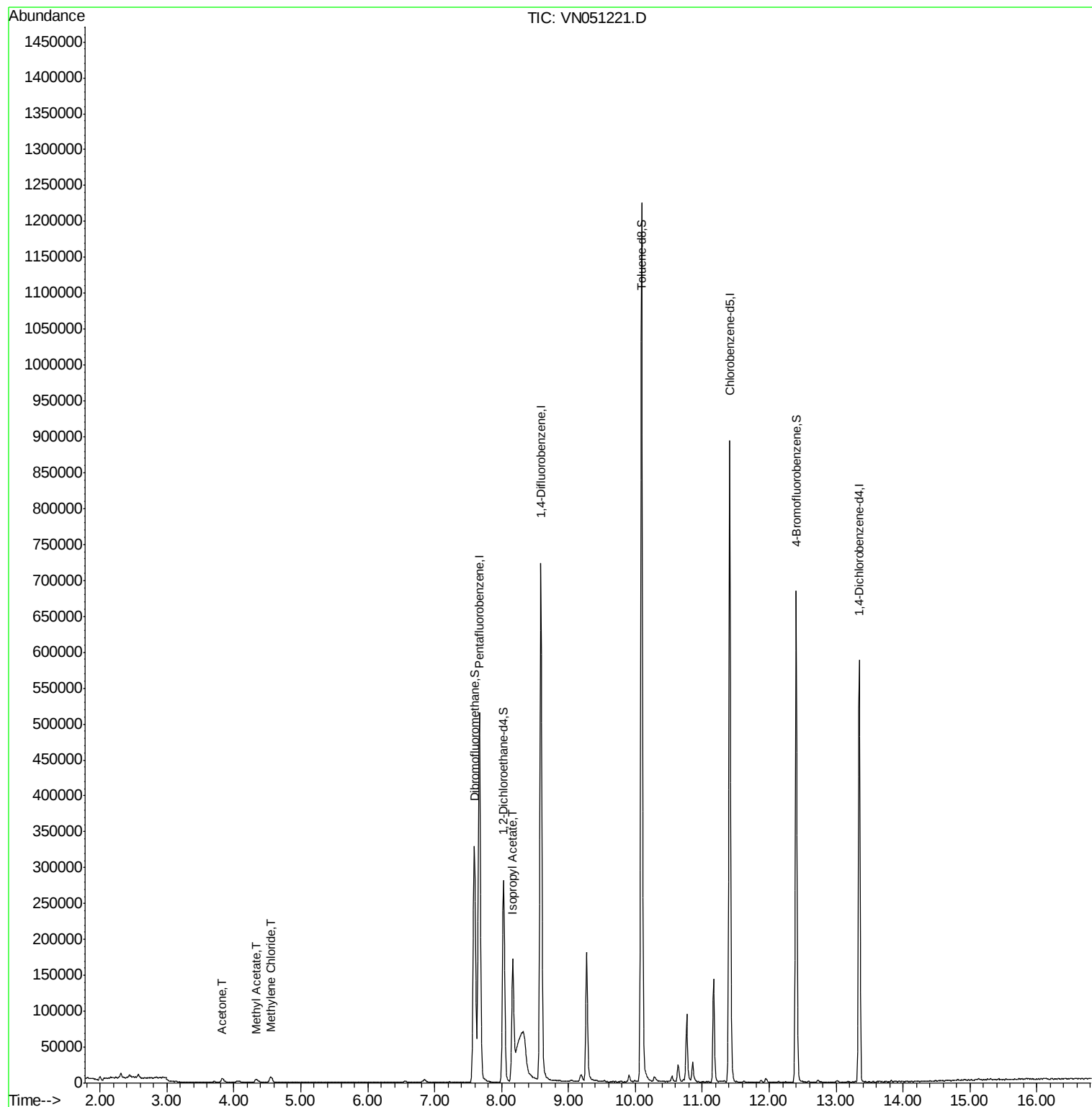
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	9000	1.36	ug/l	94
18) Methyl Acetate	4.33	43	10047	2.47	ug/l #	74
20) Methylene Chloride	4.55	84	6180	1.10	ug/l	93
43) Isopropyl Acetate	8.17	43	210294	26.78	ug/l #	86

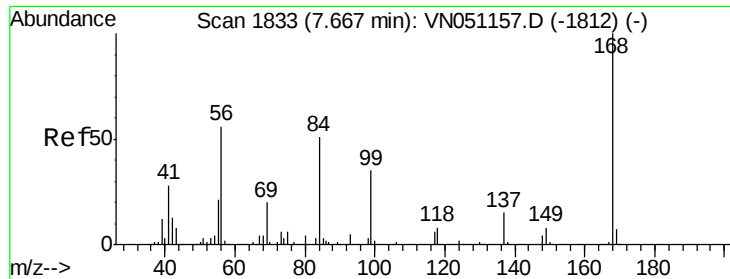
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051221.D

Acq: 15 Sep 2018 14:41

Instrument :

MSVOA_N

ClientSampleId :

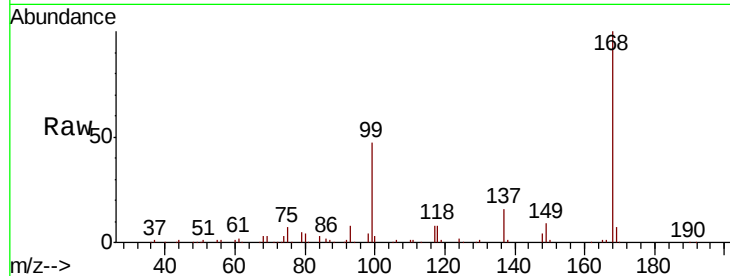
PB112879ZHE#02

Tot Ion:168 Resp: 456672

Ion Ratio Lower Upper

168 100

99 47.2 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): VN051157.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN051157.D (-1812) (-)

7.67

200000

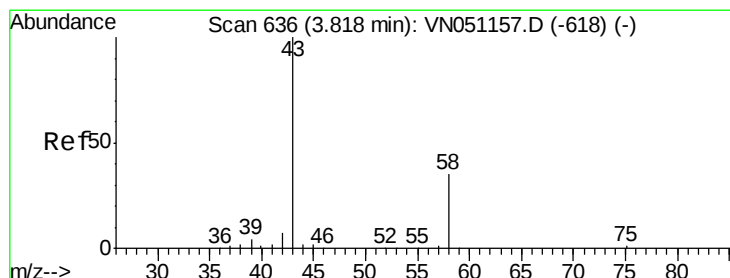
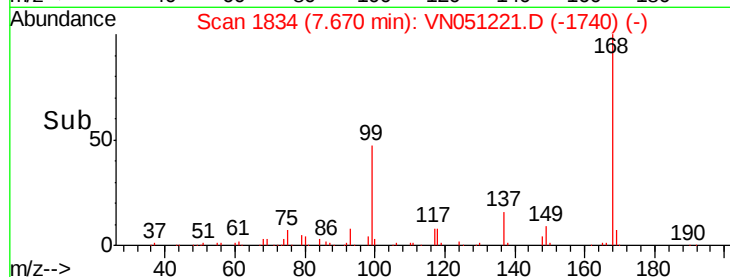
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.36 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN051221.D

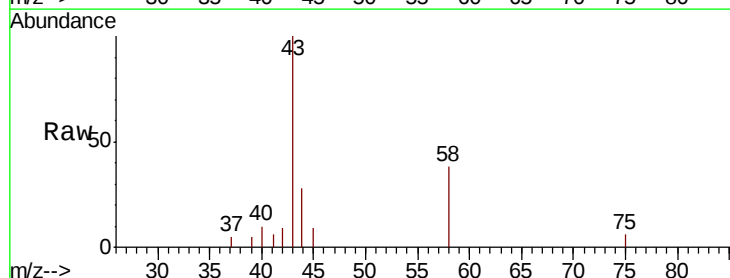
Acq: 15 Sep 2018 14:41

Tgt Ion: 43 Resp: 9000

Ion Ratio Lower Upper

43 100

58 37.9 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN051157.D (-618) (-)

Ion 58.00 (57.70 to 58.70): VN051157.D (-618) (-)

3.82

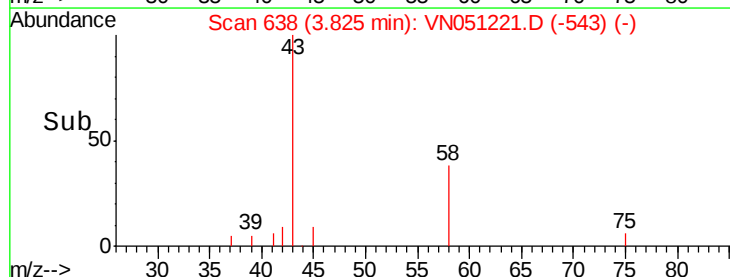
3000

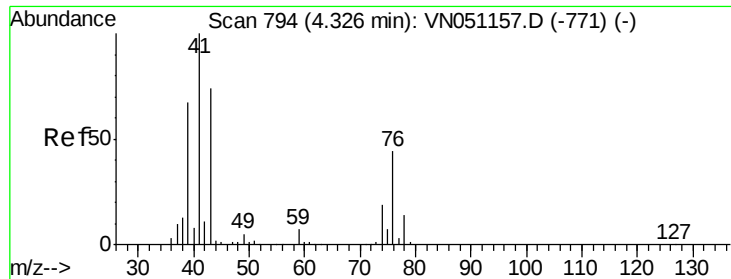
2000

1000

0

Time-->

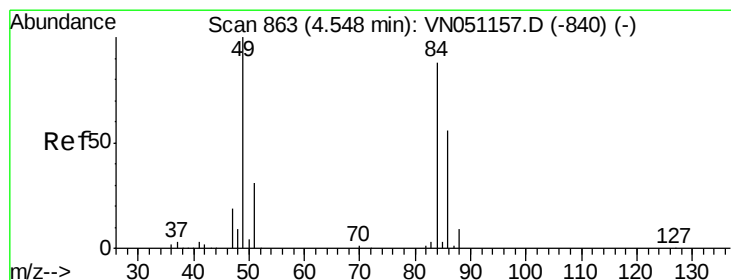
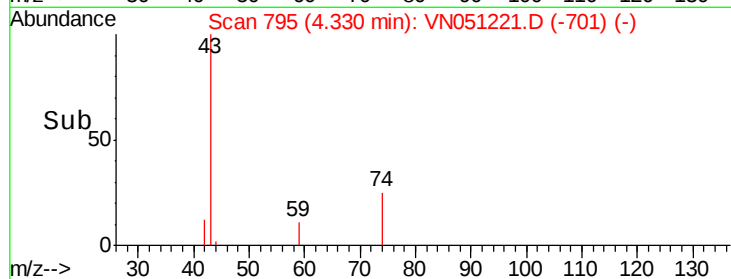
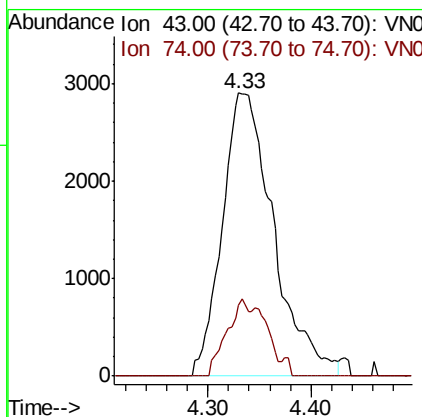
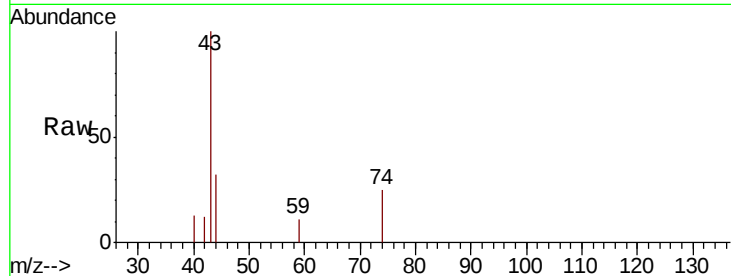




#18
Methyl Acetate
Concen: 2.47 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN051221.D
Acq: 15 Sep 2018 14:41

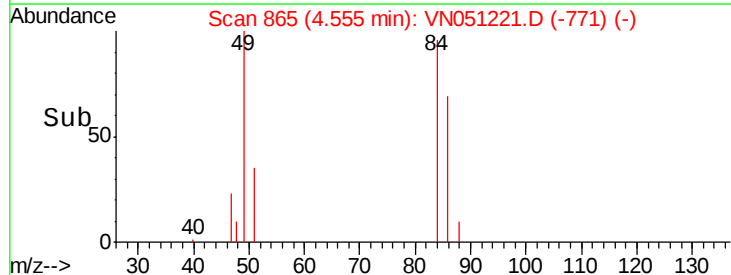
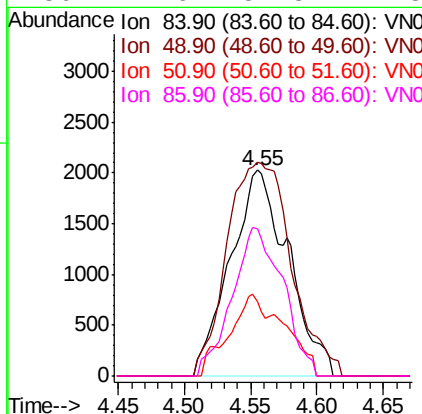
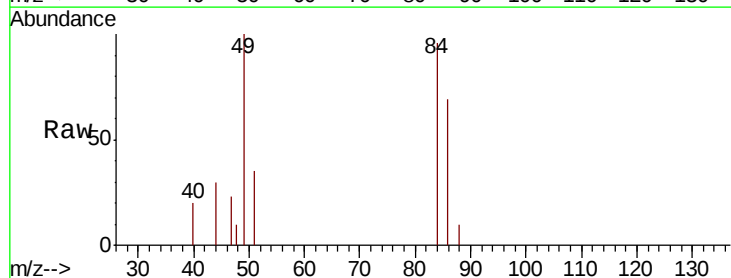
Instrument :
MSVOA_N
ClientSampleId :
PB112879ZHE#02

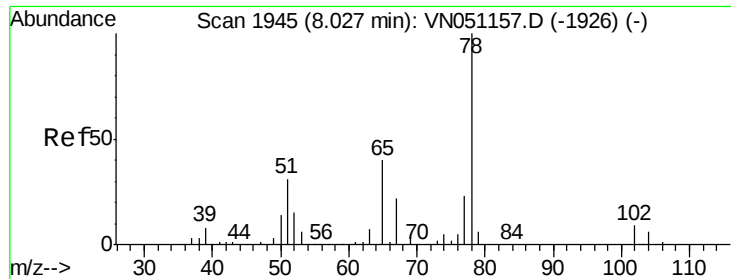
Tot Ion: 43 Resp: 10047
Ion Ratio Lower Upper
43 100
74 12.7 20.7 31.1#



#20
Methylene Chloride
Concen: 1.10 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051221.D
Acq: 15 Sep 2018 14:41

Tgt Ion: 84 Resp: 6180
Ion Ratio Lower Upper
84 100
49 103.9 90.2 135.2
51 36.3 28.4 42.6
86 71.6 51.8 77.8

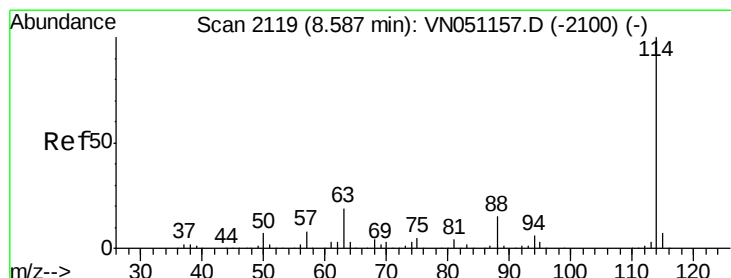
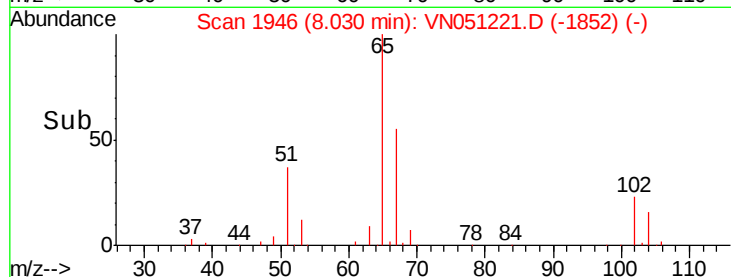
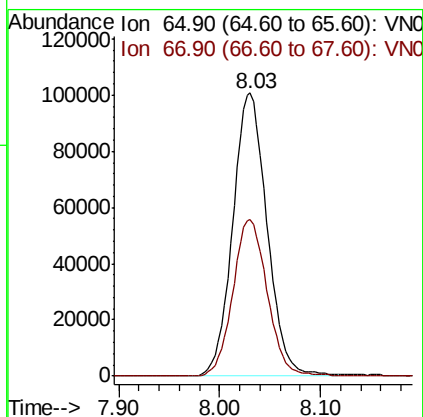
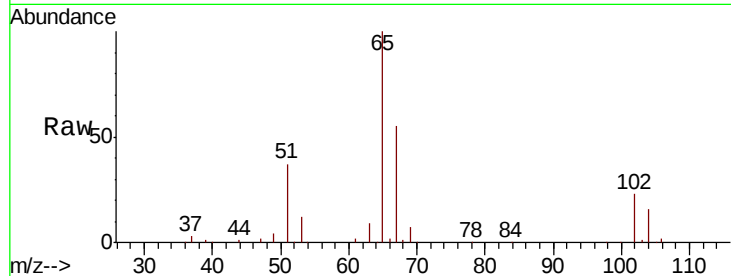




#33
 1,2-Dichloroethane-d4
 Concen: 46.76 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051221.D
 Acq: 15 Sep 2018 14:41

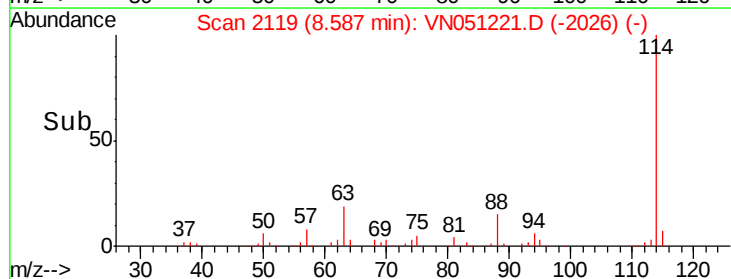
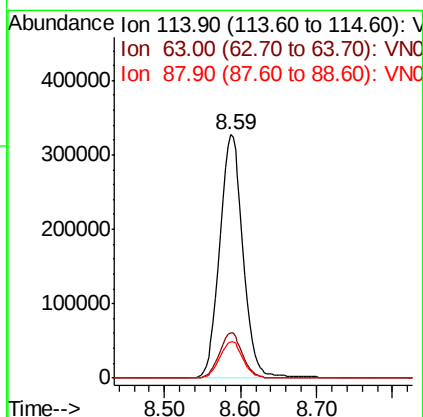
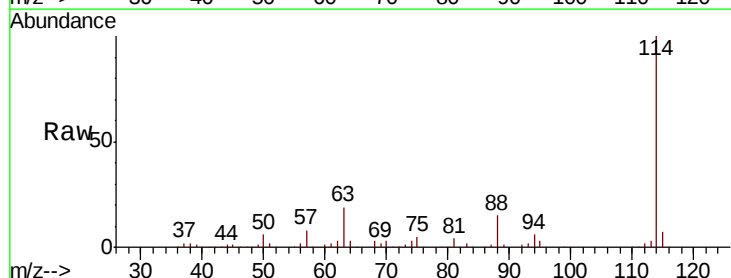
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112879ZHE#02

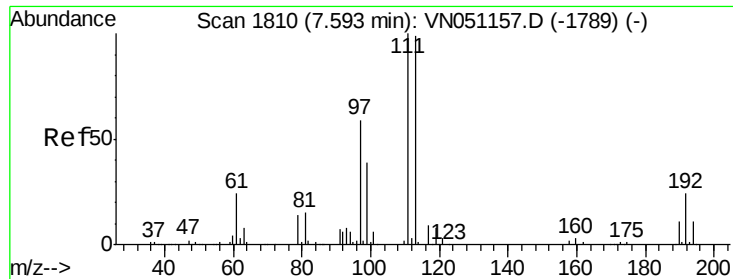
Tot Ion: 65 Resp: 237642
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051221.D
 Acq: 15 Sep 2018 14:41

Tgt Ion: 114 Resp: 699847
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 37.8
 88 15.1 0.0 30.8

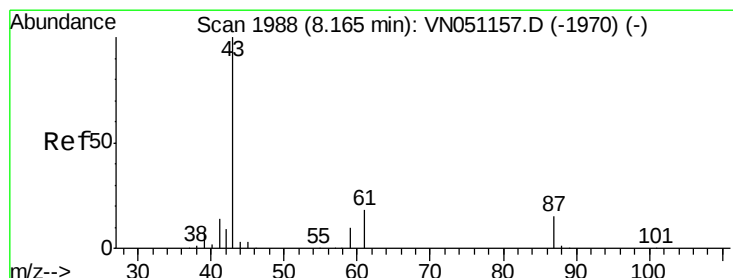
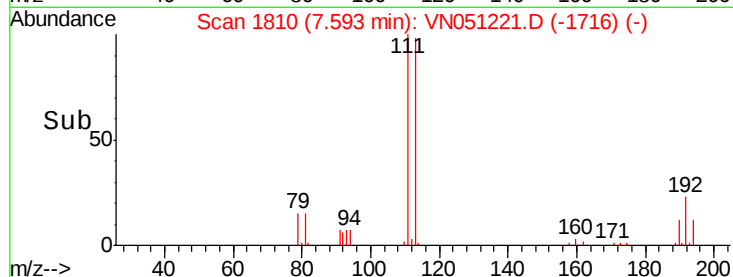
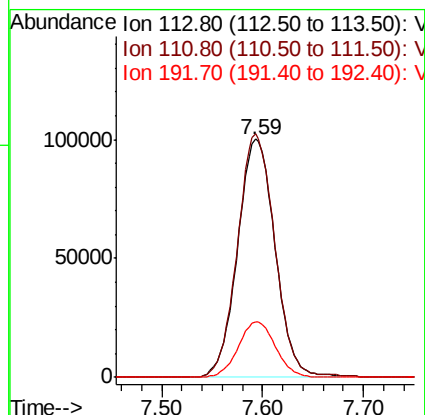
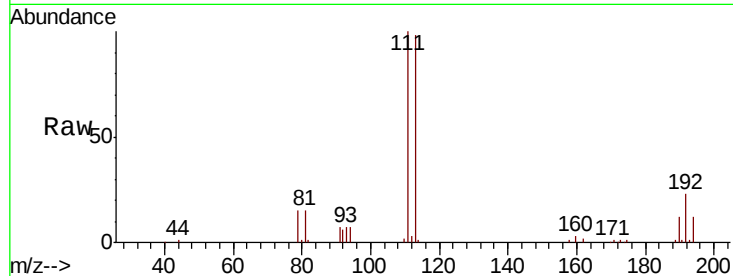




#35
 Dibromofluoromethane
 Concen: 49.10 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051221.D
 Acq: 15 Sep 2018 14:41

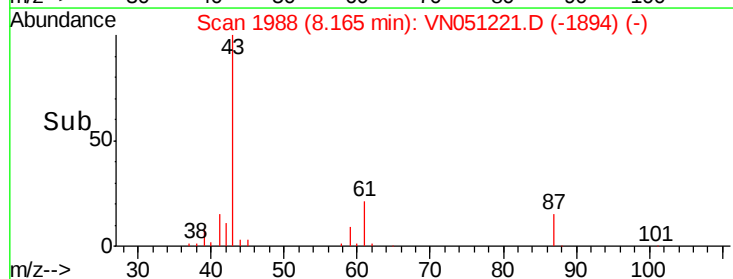
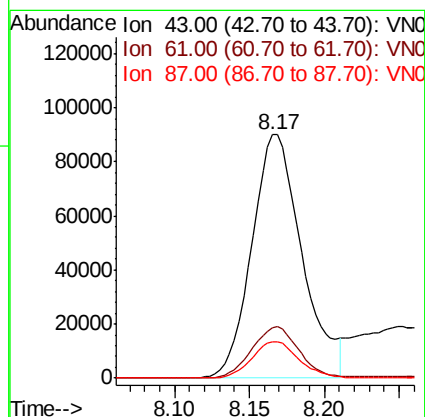
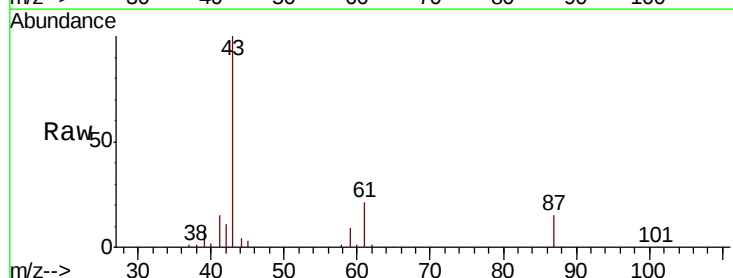
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112879ZHE#02

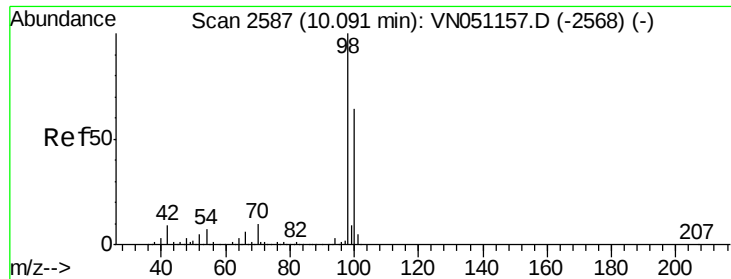
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.0	124.6
192	23.3	18.7	28.1



#43
 Isopropyl Acetate
 Concen: 26.78 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN051221.D
 Acq: 15 Sep 2018 14:41

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.1	25.0	37.6#
87	14.1	11.8	17.8





#50

Toluene-d8

Concen: 45.06 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051221.D

Acq: 15 Sep 2018 14:41

Instrument :

MSVOA_N

ClientSampleId :

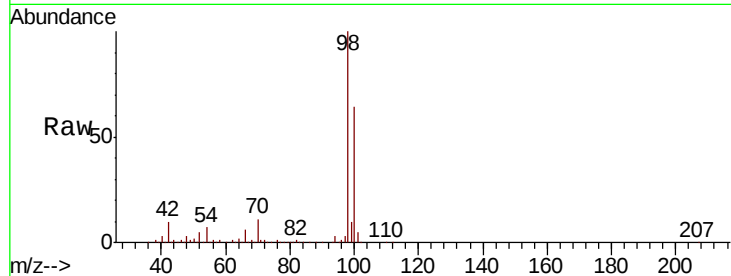
PB112879ZHE#02

Tot Ion: 98 Resp: 899108

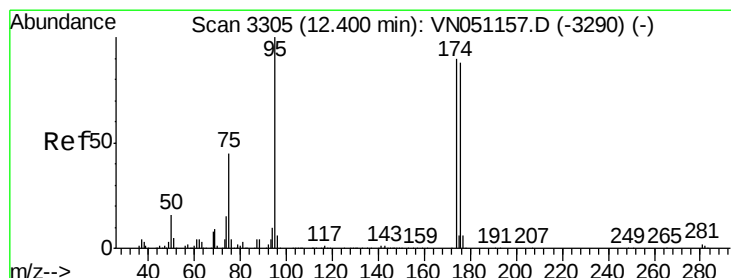
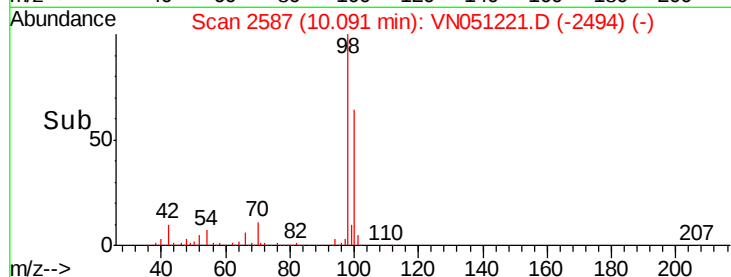
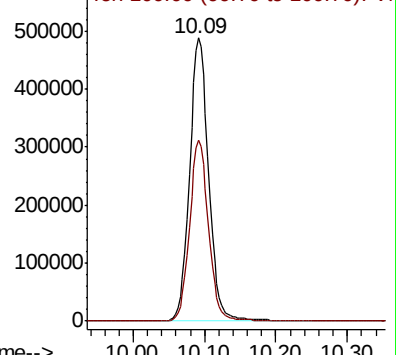
Ion Ratio Lower Upper

98 100

100 63.6 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN051157.D (-2568) (-)



#62

4-Bromofluorobenzene

Concen: 36.59 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051221.D

Acq: 15 Sep 2018 14:41

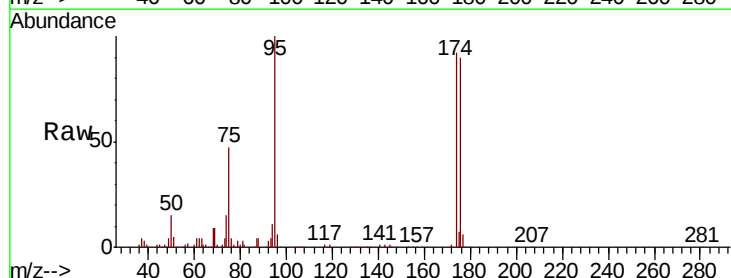
Tgt Ion: 95 Resp: 241499

Ion Ratio Lower Upper

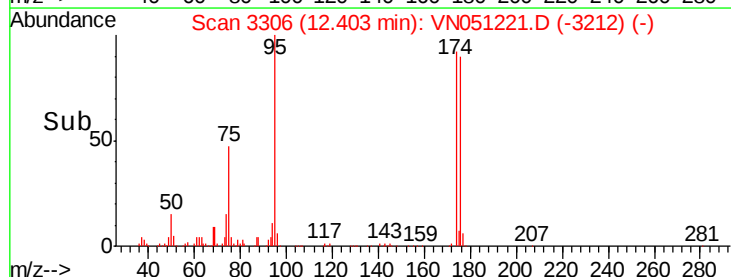
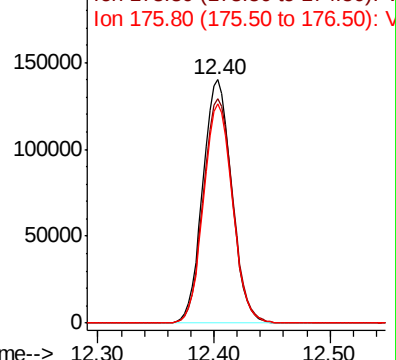
95 100

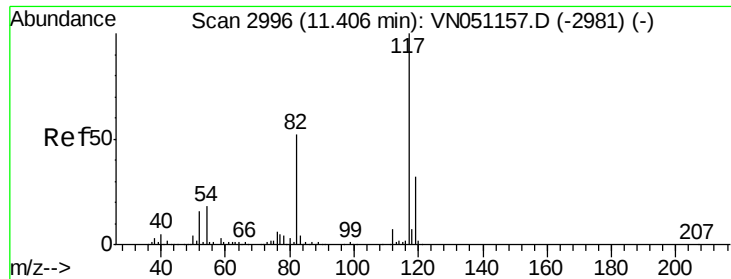
174 94.3 0.0 184.8

176 90.1 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VN051157.D (-3290) (-)





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051221.D

Acq: 15 Sep 2018 14:41

Instrument :

MSVOA_N

ClientSampleId :

PB112879ZHE#02

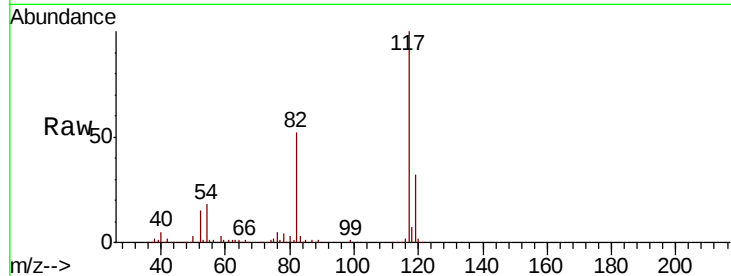
Tot Ion:117 Resp: 577868

Ion Ratio Lower Upper

117 100

82 52.2 41.8 62.6

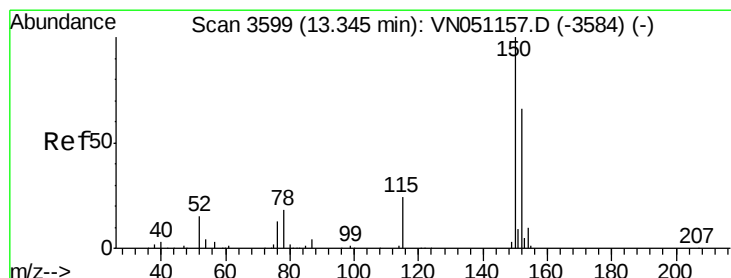
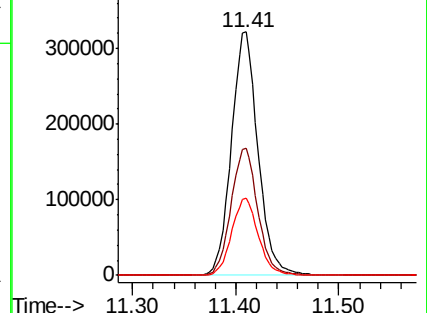
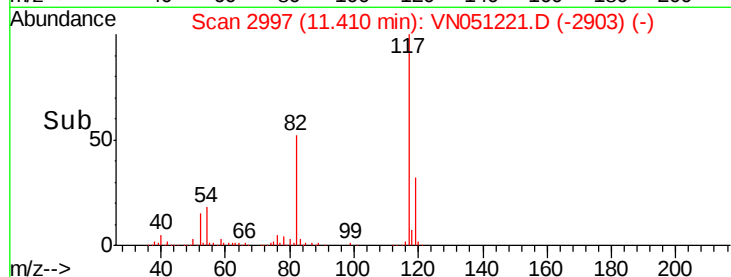
119 31.7 26.2 39.2



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: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051221.D

Acq: 15 Sep 2018 14:41

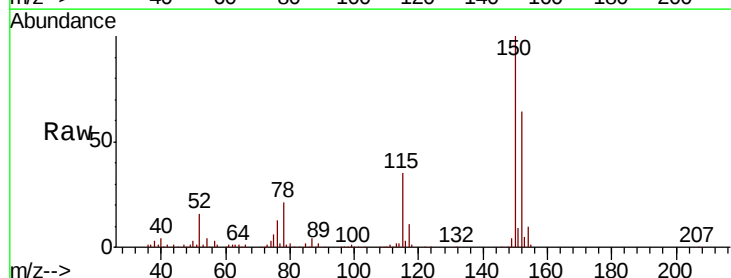
Tgt Ion:152 Resp: 176160

Ion Ratio Lower Upper

152 100

115 55.0 28.2 84.7

150 155.7 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

