

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091518\
 Data File : VN051222.D
 Acq On : 15 Sep 2018 15:06
 Operator : MD\SY
 Sample : PB112879ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112879ZHE#03

Quant Time: Sep 17 03:24:12 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

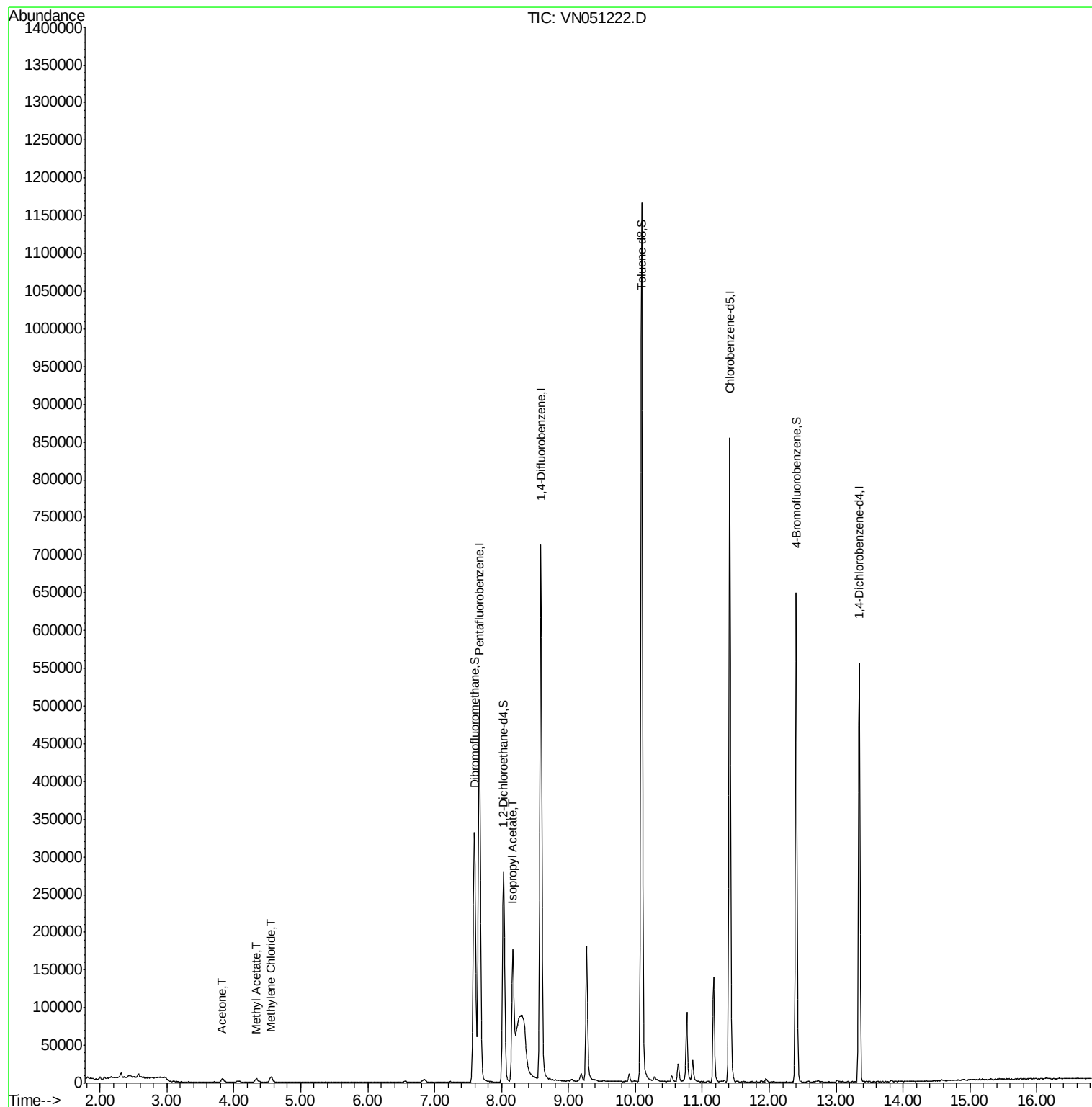
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	450768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	687414	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	553799	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	164449	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	237503	47.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.70%	
35) Dibromofluoromethane	7.59	113	259477	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.46%	
50) Toluene-d8	10.09	98	872689	44.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.04%	
62) 4-Bromofluorobenzene	12.40	95	228165	35.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.38%	
Target Compounds						
16) Acetone	3.83	43	9021	1.47	ug/l	97
18) Methyl Acetate	4.34	43	9814	2.44	ug/l #	70
20) Methylene Chloride	4.55	84	6293	1.14	ug/l	92
43) Isopropyl Acetate	8.17	43	219804	28.50	ug/l #	85

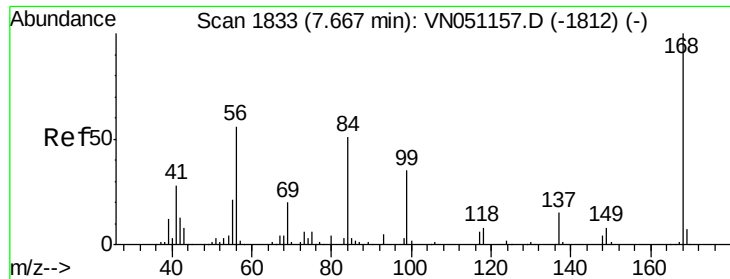
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

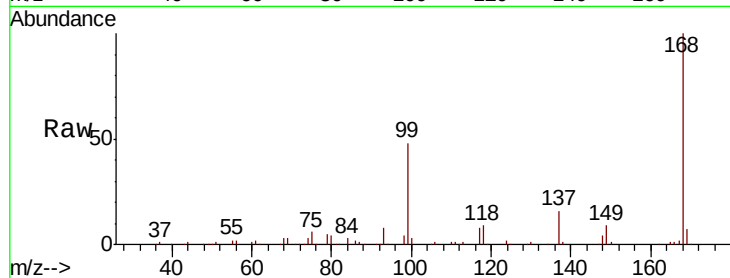
PB112879ZHE#03

Tot Ion:168 Resp: 450768

Ion Ratio Lower Upper

168 100

99 48.0 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

200000

150000

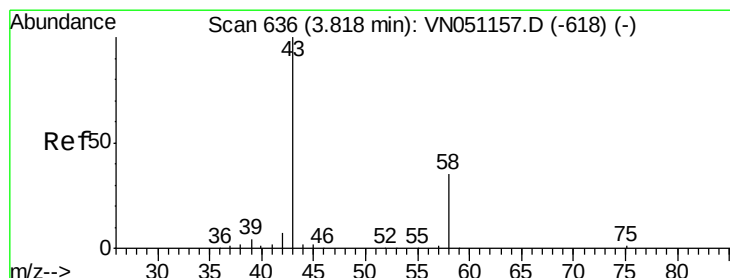
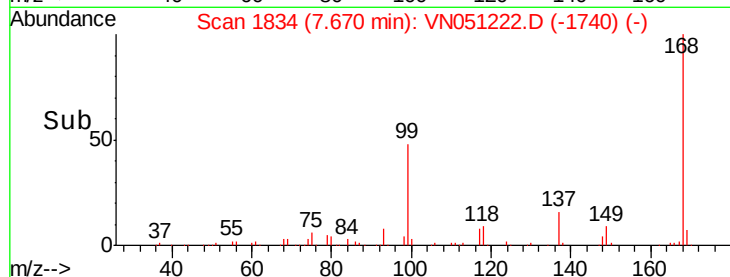
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 1.47 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN051222.D

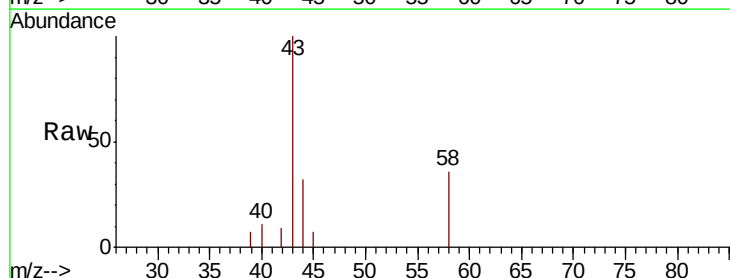
Acq: 15 Sep 2018 15:06

Tgt Ion: 43 Resp: 9021

Ion Ratio Lower Upper

43 100

58 36.4 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.83

3000

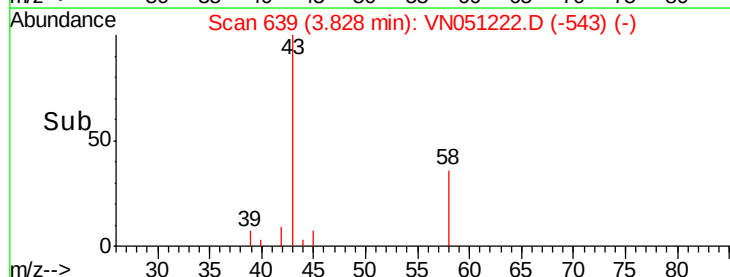
2000

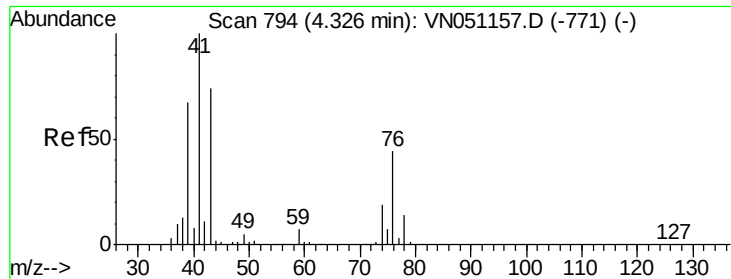
1000

0

3.75 3.80 3.85 3.90

Time-->

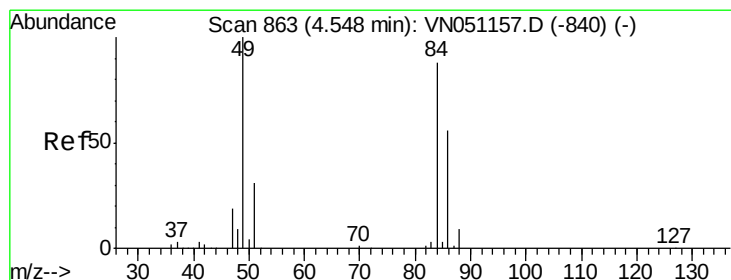
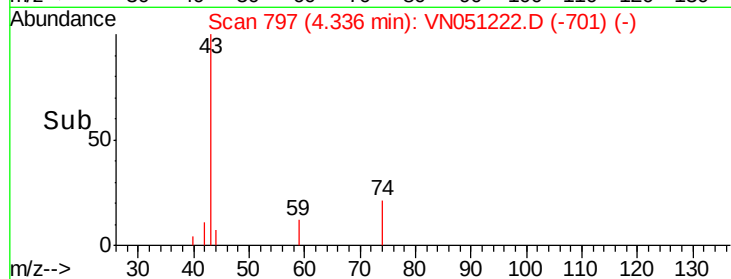
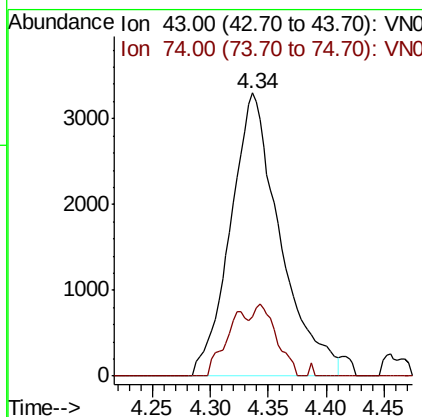
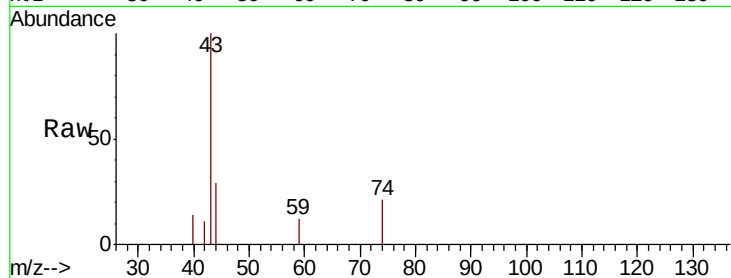




#18
Methyl Acetate
Concen: 2.44 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN051222.D
Acq: 15 Sep 2018 15:06

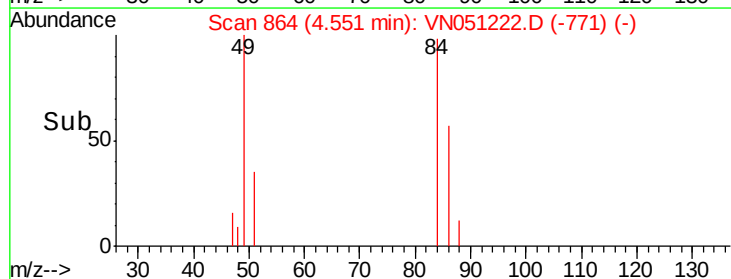
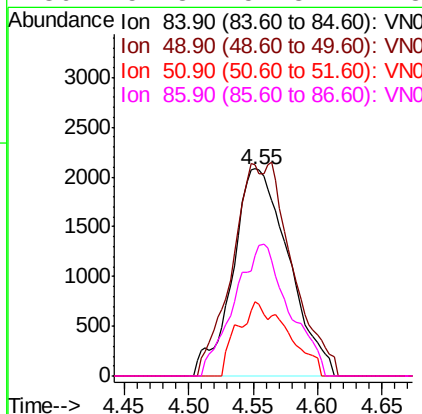
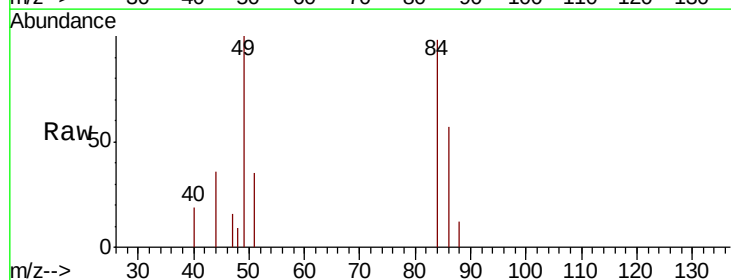
Instrument :
MSVOA_N
ClientSampleId :
PB112879ZHE#03

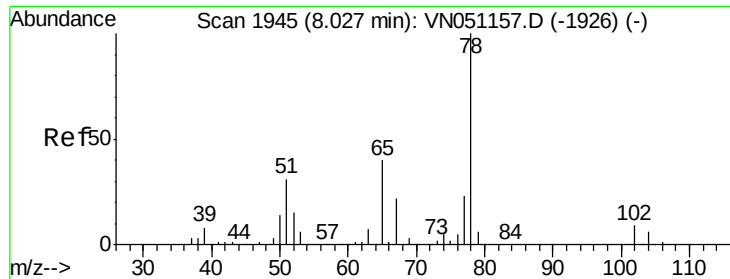
Tot Ion: 43 Resp: 9814
Ion Ratio Lower Upper
43 100
74 10.7 20.7 31.1#



#20
Methylene Chloride
Concen: 1.14 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN051222.D
Acq: 15 Sep 2018 15:06

Tgt Ion: 84 Resp: 6293
Ion Ratio Lower Upper
84 100
49 101.9 90.2 135.2
51 35.7 28.4 42.6
86 57.8 51.8 77.8

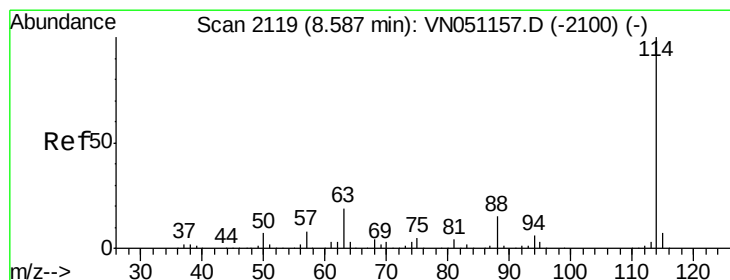
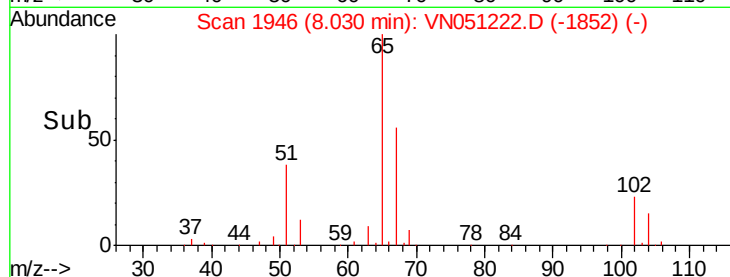
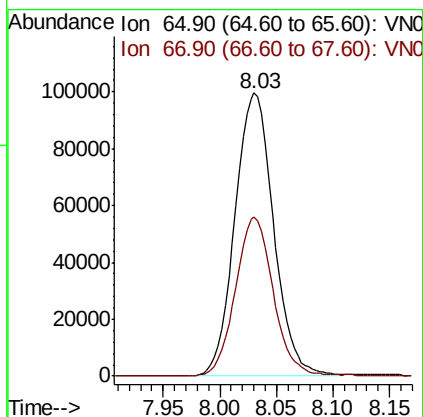
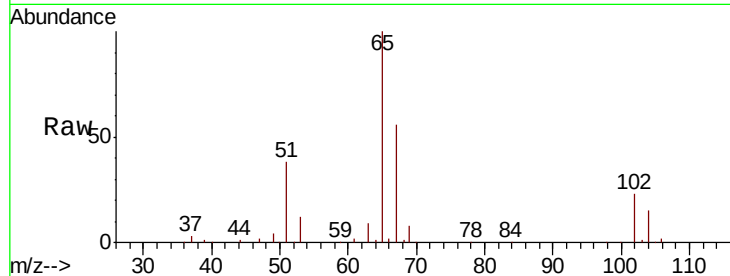




#33
 1,2-Dichloroethane-d4
 Concen: 47.35 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051222.D
 Acq: 15 Sep 2018 15:06

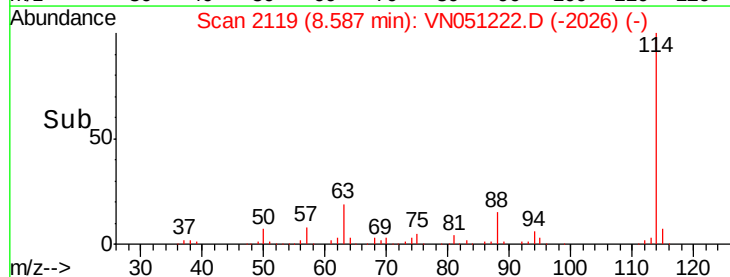
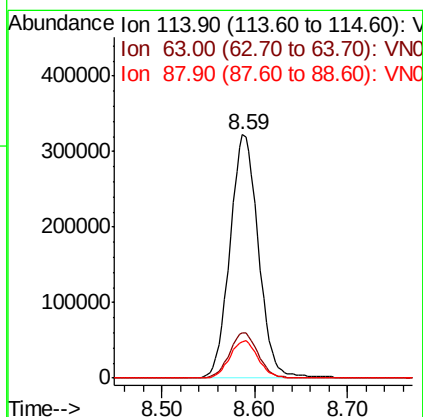
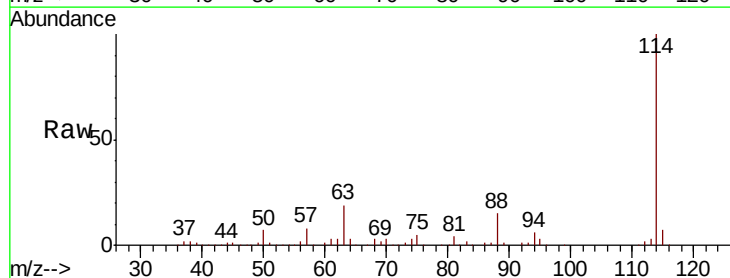
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112879ZHE#03

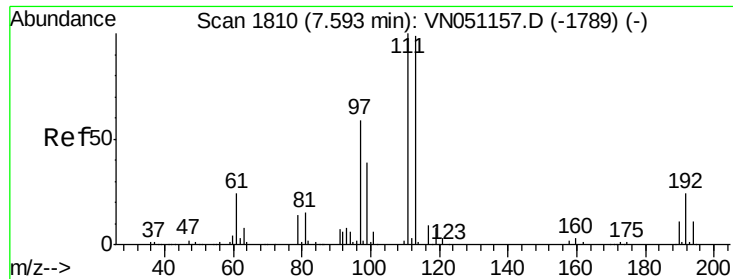
Tot Ion: 65 Resp: 237503
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051222.D
 Acq: 15 Sep 2018 15:06

Tgt Ion: 114 Resp: 687414
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 37.8
 88 15.1 0.0 30.8

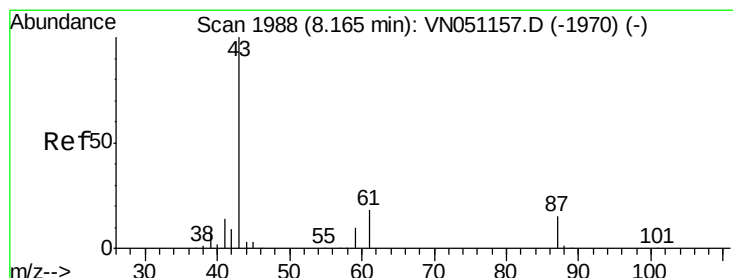
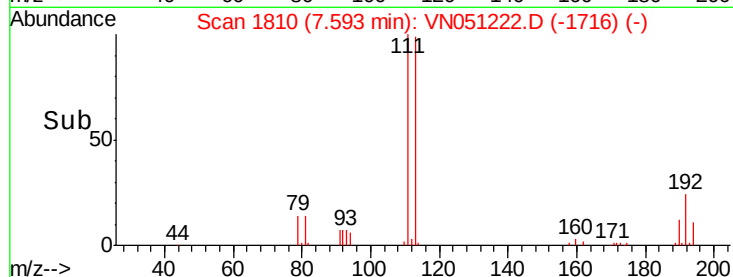
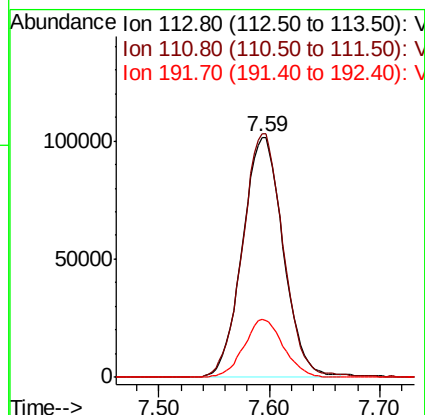
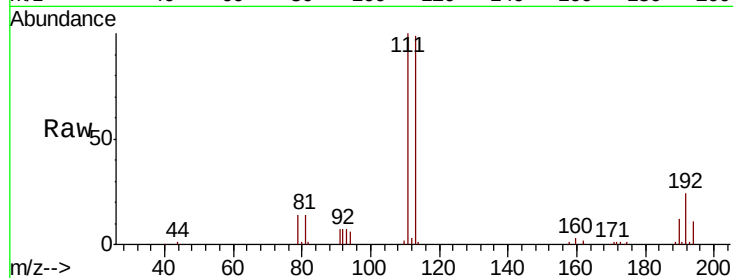




#35
 Dibromofluoromethane
 Concen: 50.23 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051222.D
 Acq: 15 Sep 2018 15:06

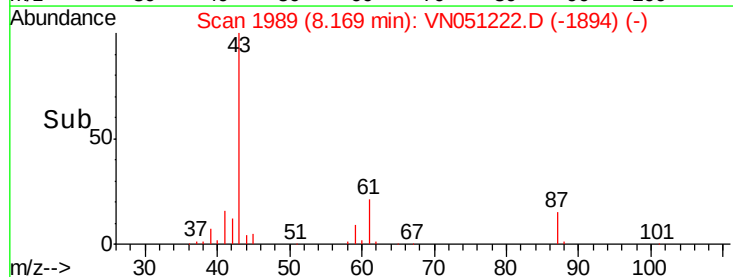
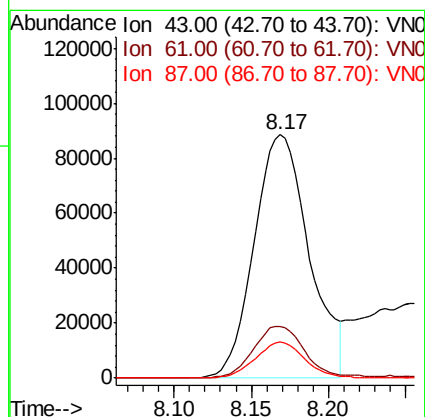
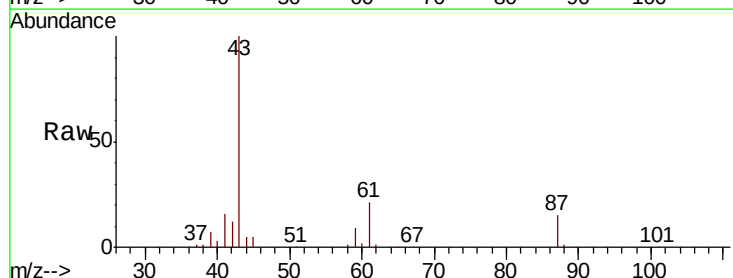
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112879ZHE#03

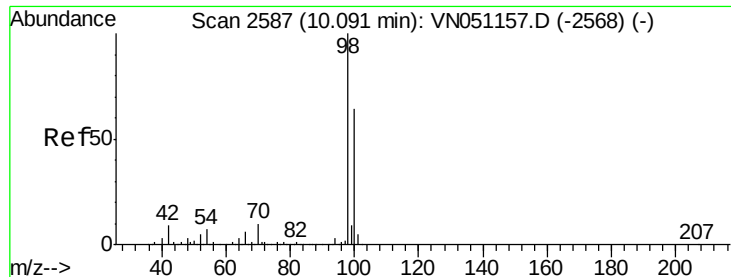
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	83.0	124.6
192	23.4	18.7	28.1



#43
 Isopropyl Acetate
 Concen: 28.50 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VN051222.D
 Acq: 15 Sep 2018 15:06

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.0	25.0	37.6#
87	13.5	11.8	17.8





#50

Toluene-d8

Concen: 44.52 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051222.D

Acq: 15 Sep 2018 15:06

Instrument :

MSVOA_N

ClientSampleId :

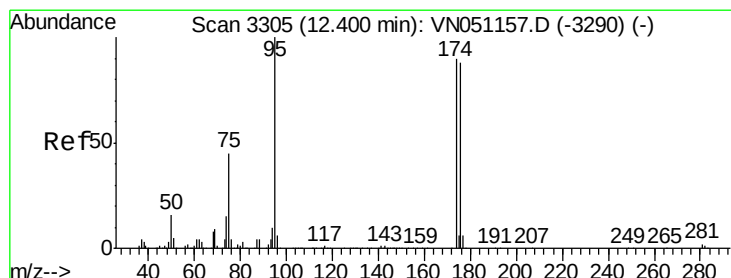
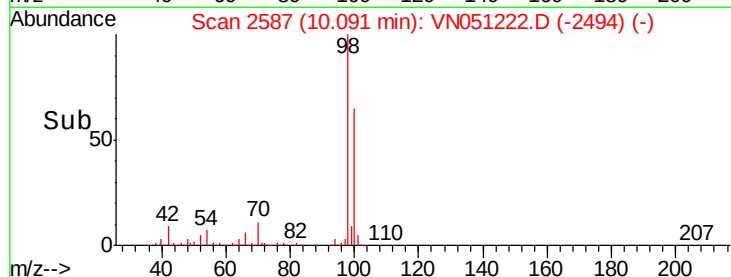
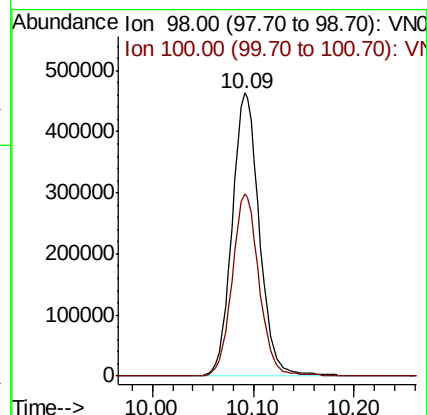
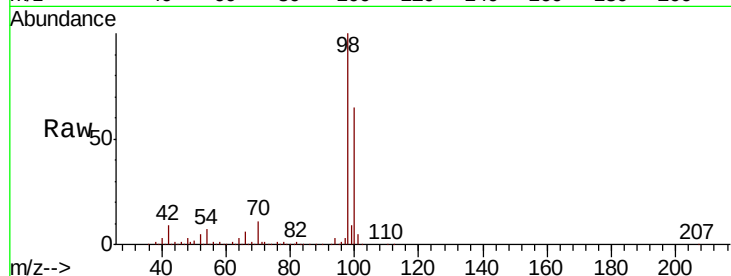
PB112879ZHE#03

Tot Ion: 98 Resp: 872689

Ion Ratio Lower Upper

98 100

100 63.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 35.19 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051222.D

Acq: 15 Sep 2018 15:06

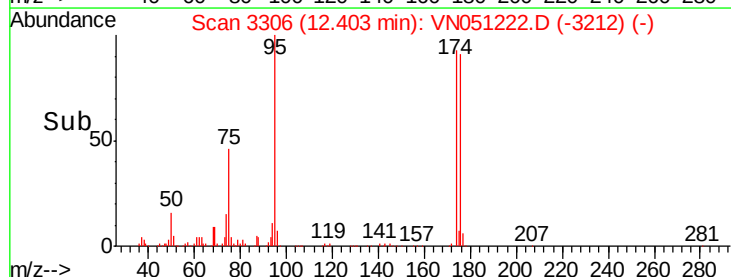
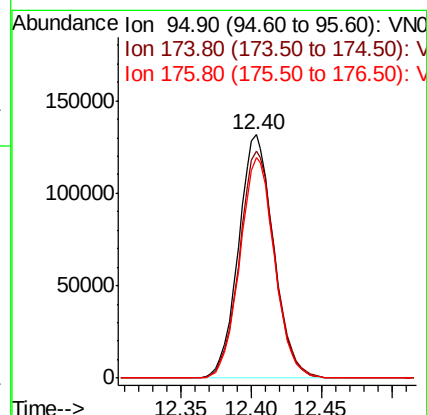
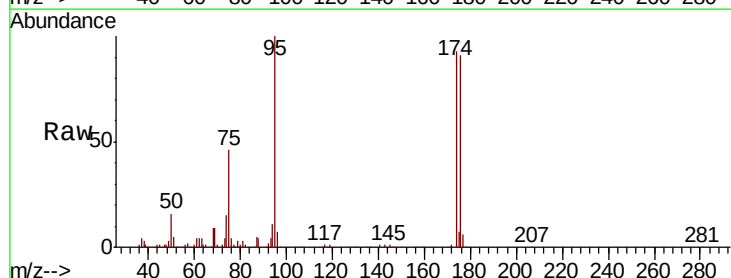
Tgt Ion: 95 Resp: 228165

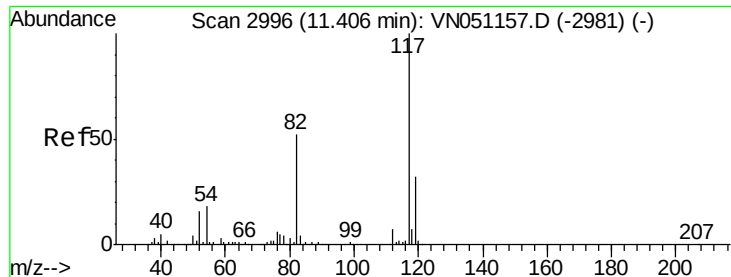
Ion Ratio Lower Upper

95 100

174 94.7 0.0 184.8

176 90.1 0.0 178.6

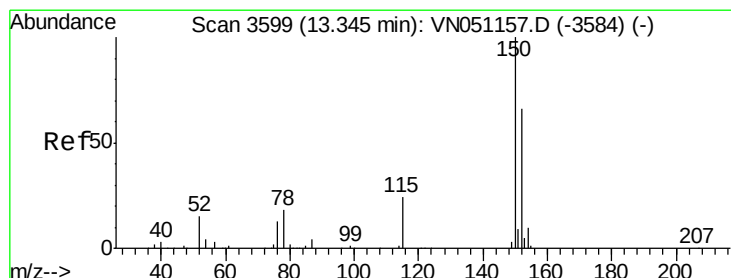
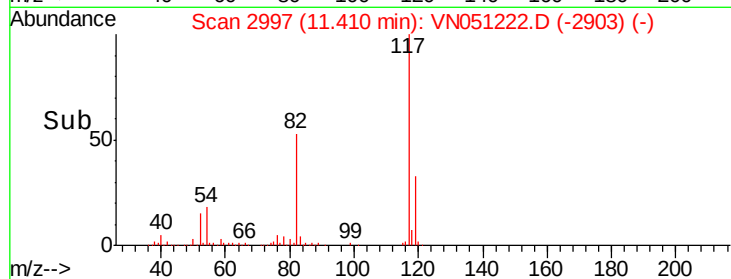
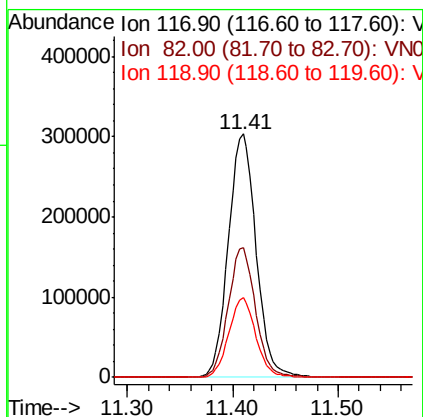
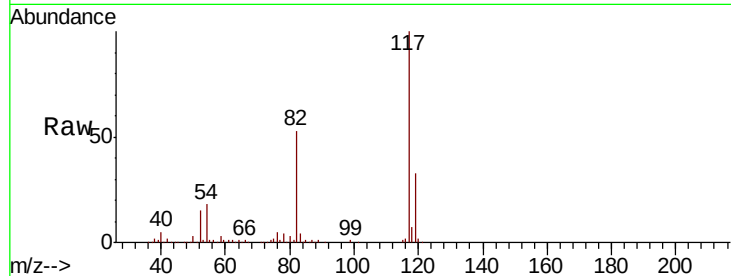




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051222.D
Acq: 15 Sep 2018 15:06

Instrument :
MSVOA_N
ClientSampleId :
PB112879ZHE#03

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	41.8	62.6
119	32.6	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051222.D
Acq: 15 Sep 2018 15:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.4	28.2	84.7
150	159.4	0.0	349.0

