

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083018\
 Data File : VN050961.D
 Acq On : 30 Aug 2018 14:36
 Operator : MD\SY
 Sample : PB112481ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112481ZHE#05

Quant Time: Aug 31 04:18:38 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

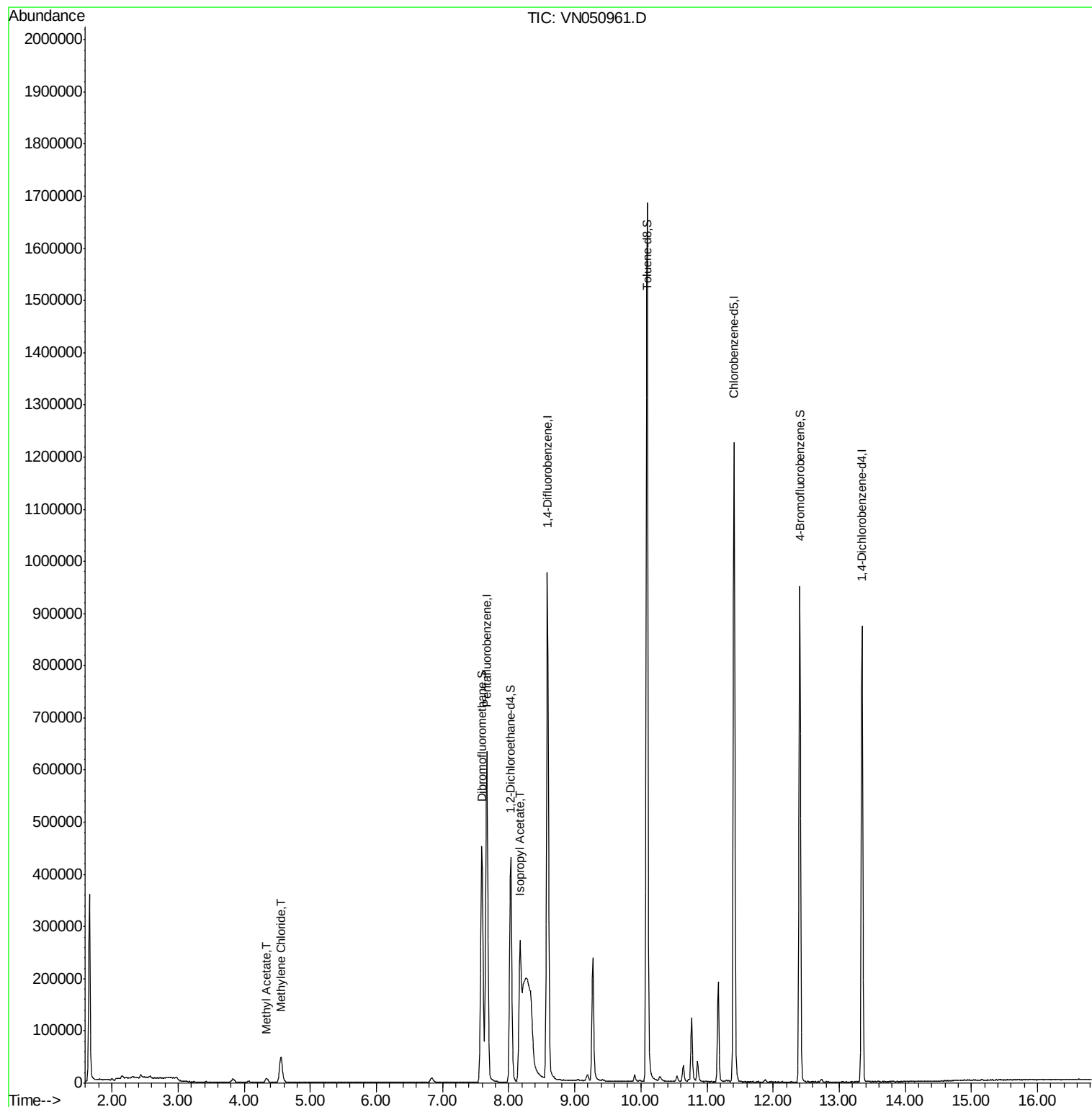
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	548607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	922968	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	781909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	258905	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	369201	55.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.80%	
35) Dibromofluoromethane	7.59	113	351227	47.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.66%	
50) Toluene-d8	10.09	98	1233372	44.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.86%	
62) 4-Bromofluorobenzene	12.40	95	331806	36.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.74%	
Target Compounds						
18) Methyl Acetate	4.34	43	15730	2.52	ug/l	94
20) Methylene Chloride	4.55	84	38911	5.23	ug/l	98
43) Isopropyl Acetate	8.17	43	337699	31.39	ug/l #	89

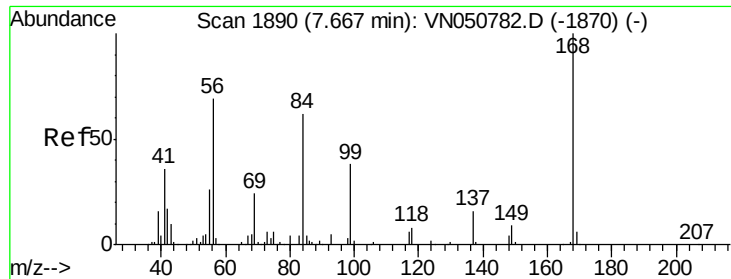
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050961.D

Acq: 30 Aug 2018 14:36

Instrument :

MSVOA_N

ClientSampleId :

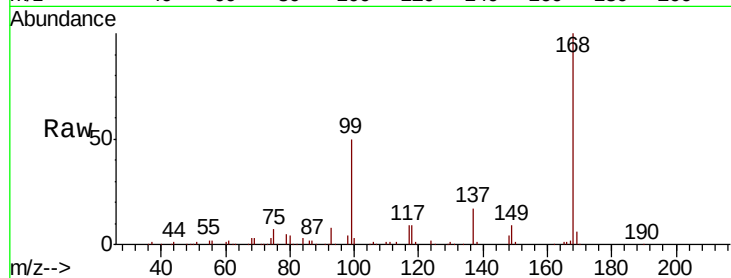
PB112481ZHE#05

Tot Ion:168 Resp: 548607

Ion Ratio Lower Upper

168 100

99 49.9 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

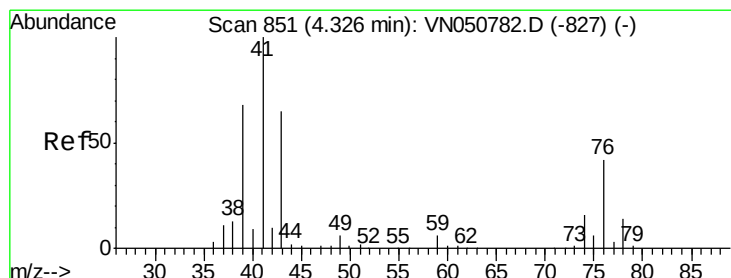
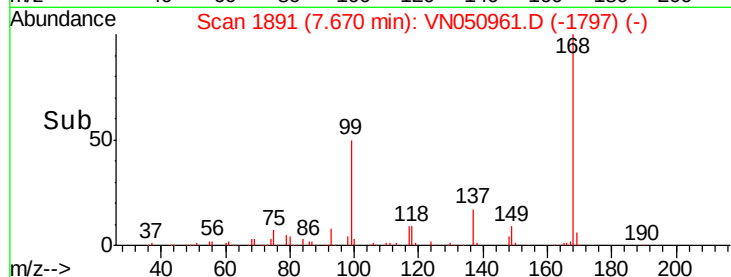
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 2.52 ug/l

RT: 4.34 min Scan# 854

Delta R.T. 0.01 min

Lab File: VN050961.D

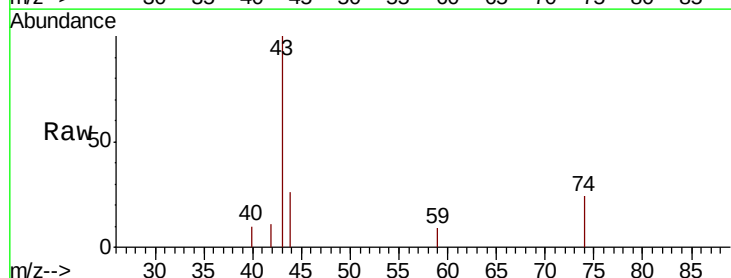
Acq: 30 Aug 2018 14:36

Tgt Ion: 43 Resp: 15730

Ion Ratio Lower Upper

43 100

74 21.6 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

4.34

6000

5000

4000

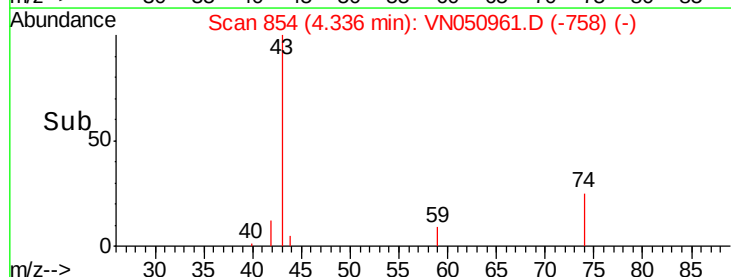
3000

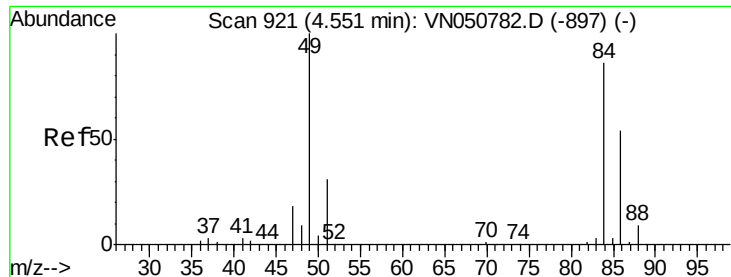
2000

1000

0

Time-->

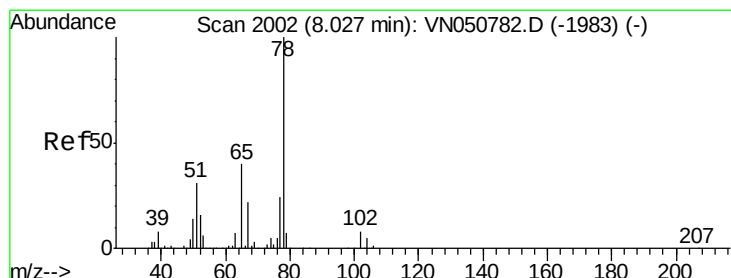
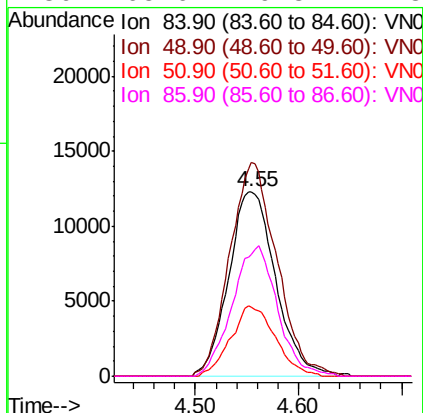
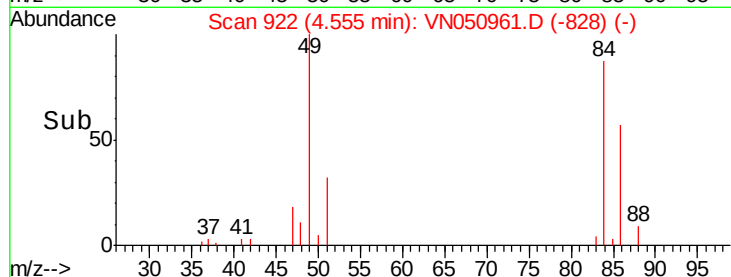
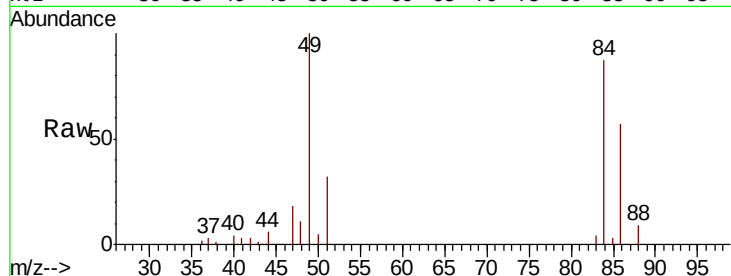




#20
Methylene Chloride
Concen: 5.23 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050961.D
Acq: 30 Aug 2018 14:36

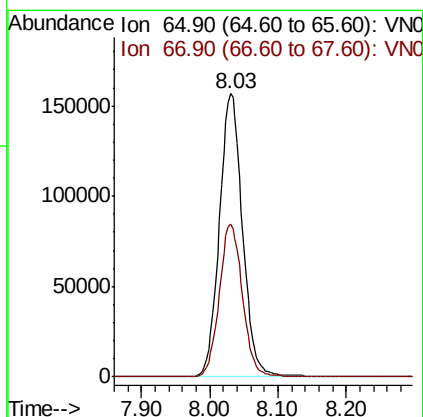
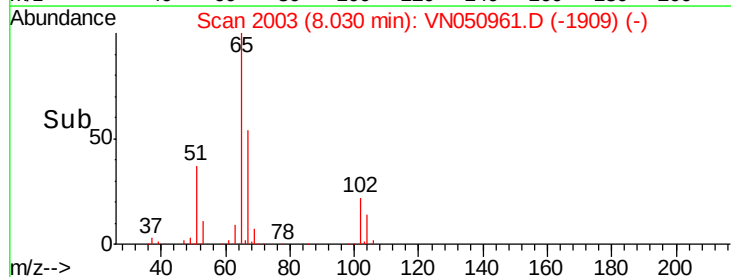
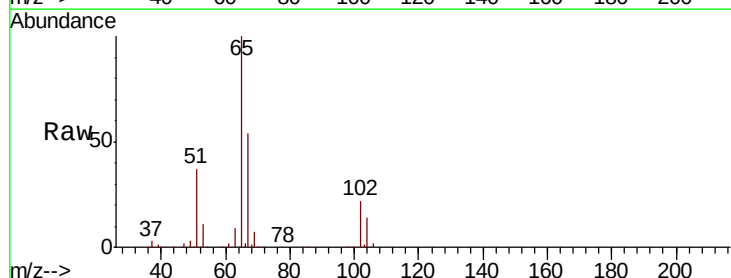
Instrument :
MSVOA_N
ClientSampleId :
PB112481ZHE#05

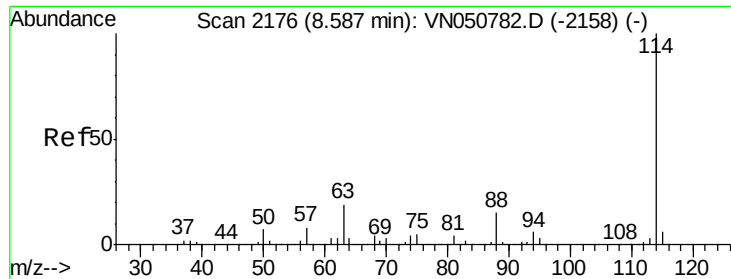
Tot Ion:	84	Resp:	38911
Ion	Ratio	Lower	Upper
84	100		
49	115.5	93.2	139.8
51	37.4	29.0	43.6
86	65.6	49.8	74.8



#33
1,2-Dichloroethane-d4
Concen: 55.90 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050961.D
Acq: 30 Aug 2018 14:36

Tgt Ion:	65	Resp:	369201
Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	110.4

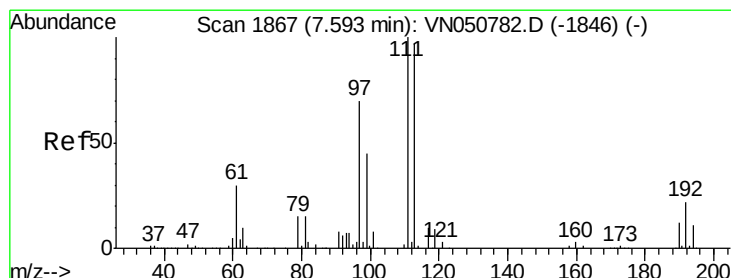
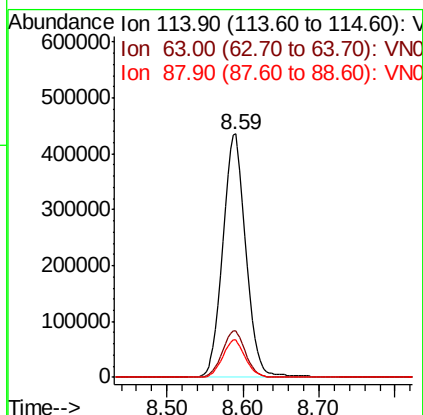
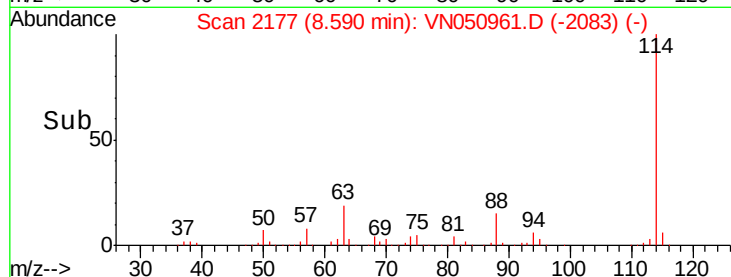
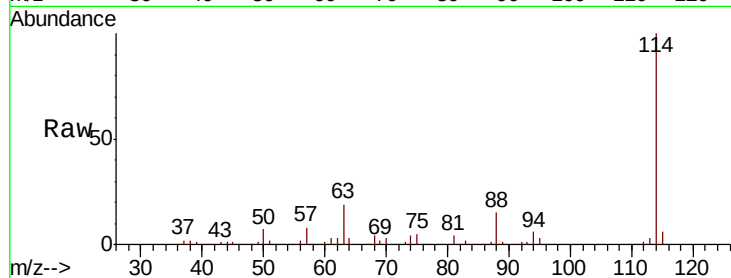




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050961.D
 Acq: 30 Aug 2018 14:36

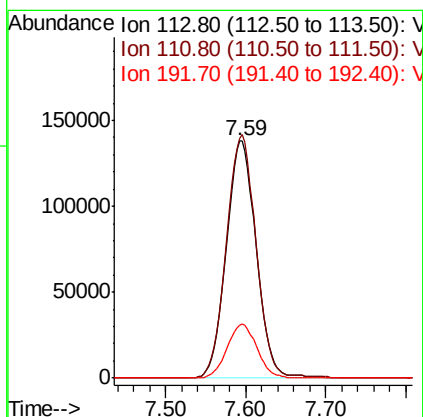
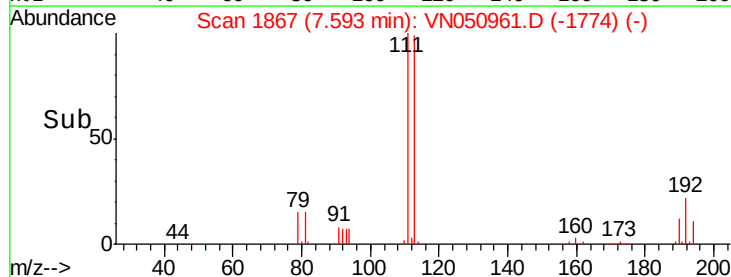
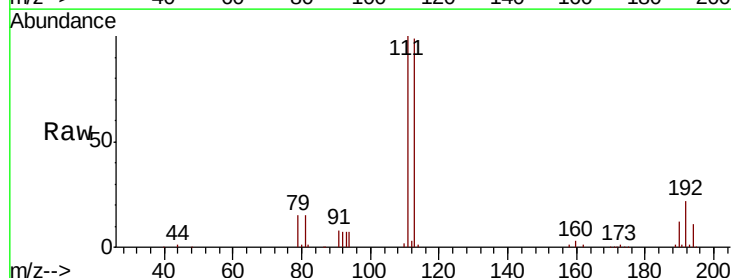
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112481ZHE#05

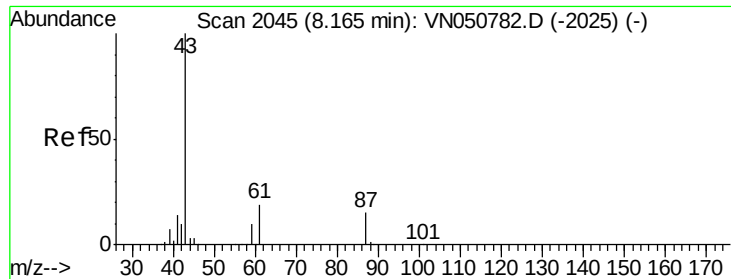
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	38.6
88	15.2	0.0	30.6



#35
 Dibromofluoromethane
 Concen: 47.83 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050961.D
 Acq: 30 Aug 2018 14:36

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.6	123.8
192	22.7	18.0	27.0





#43

Isopropyl Acetate

Concen: 31.39 ug/l

RT: 8.17 min Scan# 2047

Delta R.T. 0.01 min

Lab File: VN050961.D

Acq: 30 Aug 2018 14:36

Instrument :

MSVOA_N

ClientSampleId :

PB112481ZHE#05

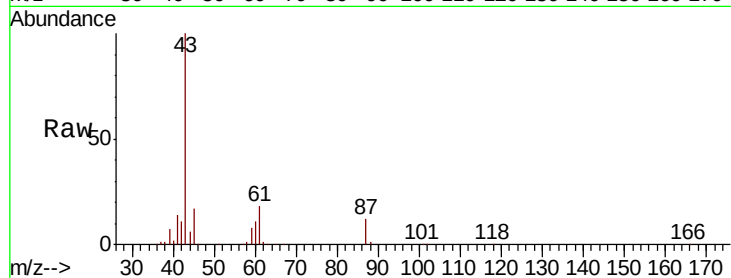
Tot Ion: 43 Resp: 337699

Ion Ratio Lower Upper

43 100

61 16.4 17.5 26.3#

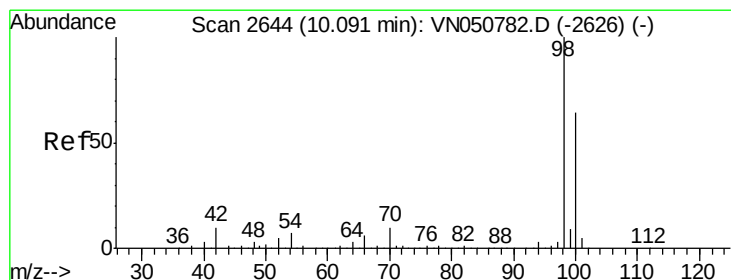
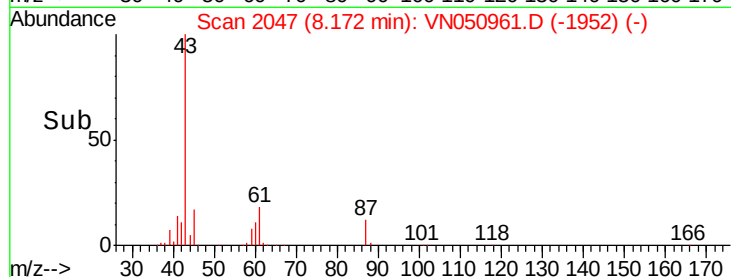
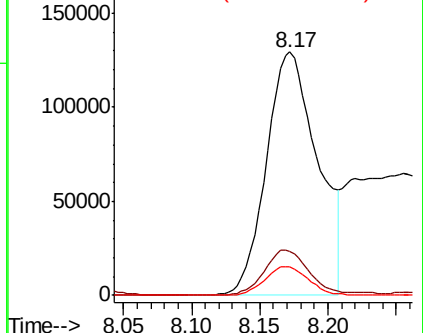
87 10.2 11.3 16.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 44.93 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050961.D

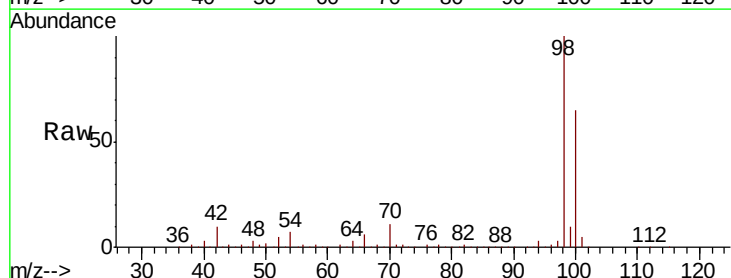
Acq: 30 Aug 2018 14:36

Tgt Ion: 98 Resp: 1233372

Ion Ratio Lower Upper

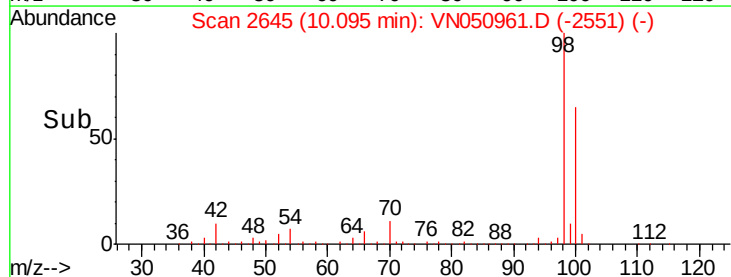
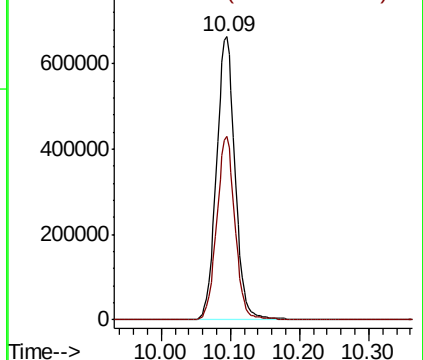
98 100

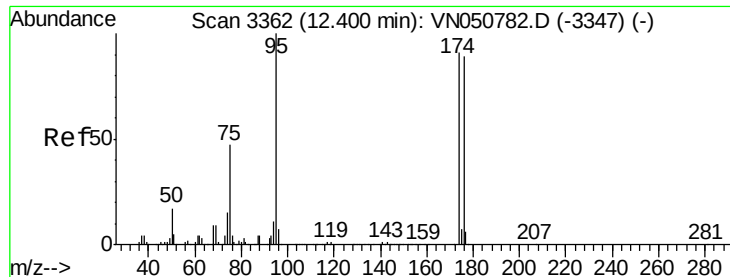
100 63.6 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

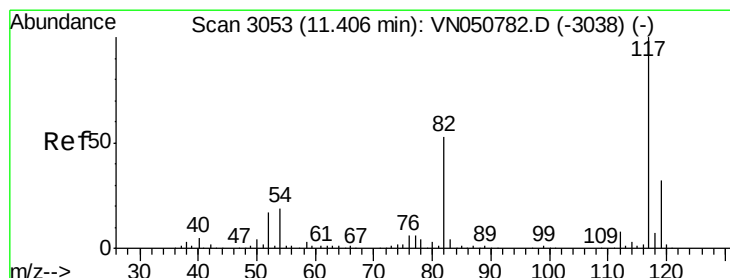
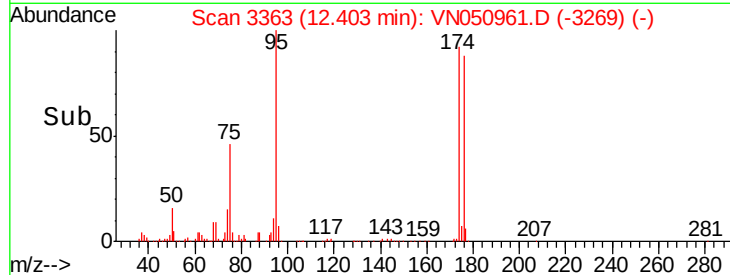
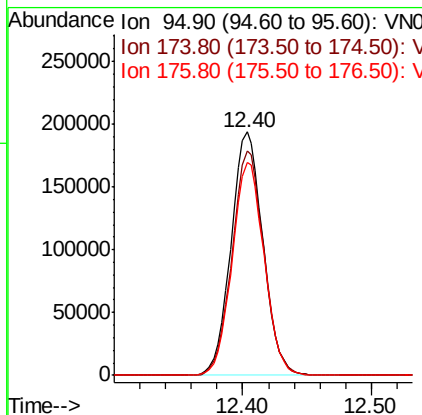
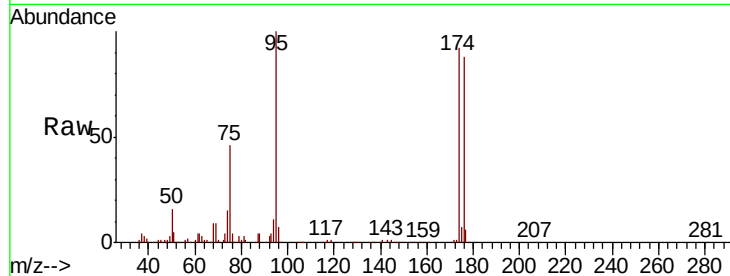




#62
4-Bromofluorobenzene
Concen: 36.37 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050961.D
Acq: 30 Aug 2018 14:36

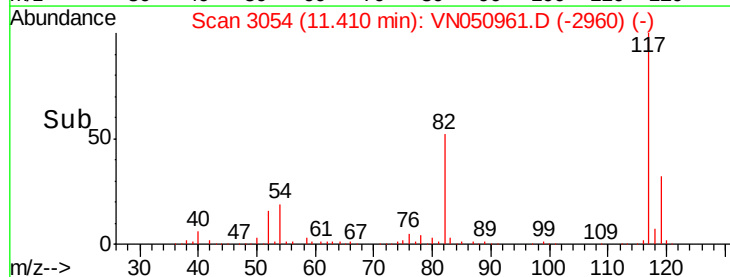
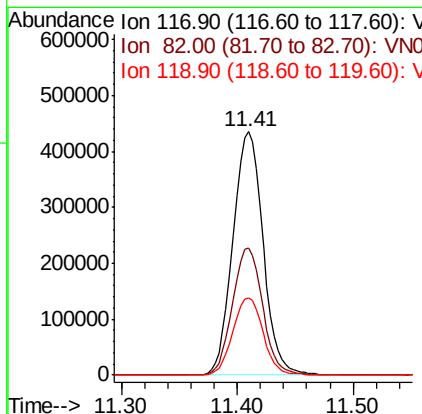
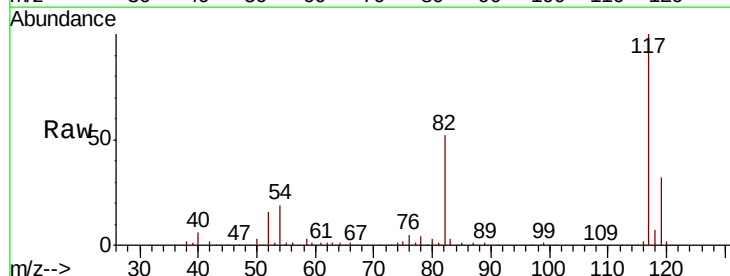
Instrument :
MSVOA_N
ClientSampleId :
PB112481ZHE#05

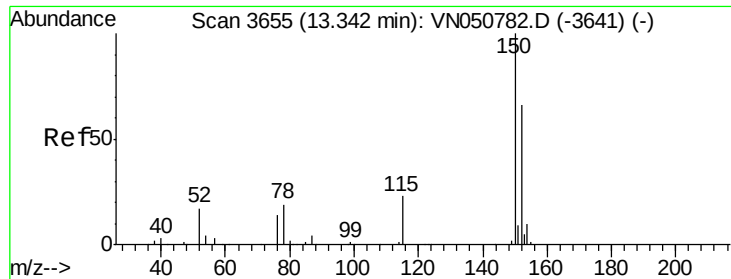
Tot Ion: 95 Resp: 331806
Ion Ratio Lower Upper
95 100
174 92.6 0.0 183.0
176 87.9 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050961.D
Acq: 30 Aug 2018 14:36

Tgt Ion: 117 Resp: 781909
Ion Ratio Lower Upper
117 100
82 52.1 42.6 64.0
119 31.9 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050961.D

Acq: 30 Aug 2018 14:36

Instrument :

MSVOA_N

ClientSampleId :

PB112481ZHE#05

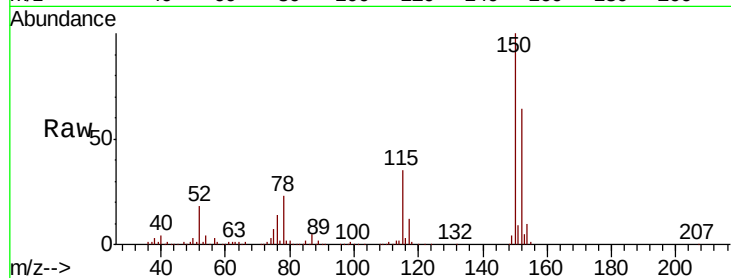
Tot Ion:152 Resp: 258905

Ion Ratio Lower Upper

152 100

115 54.7 27.8 83.4

150 156.4 0.0 351.4



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

