

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083118\
 Data File : VN050986.D
 Acq On : 31 Aug 2018 14:25
 Operator : MD\SY
 Sample : PB112510ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112510ZHE#04

Quant Time: Aug 31 23:25:30 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

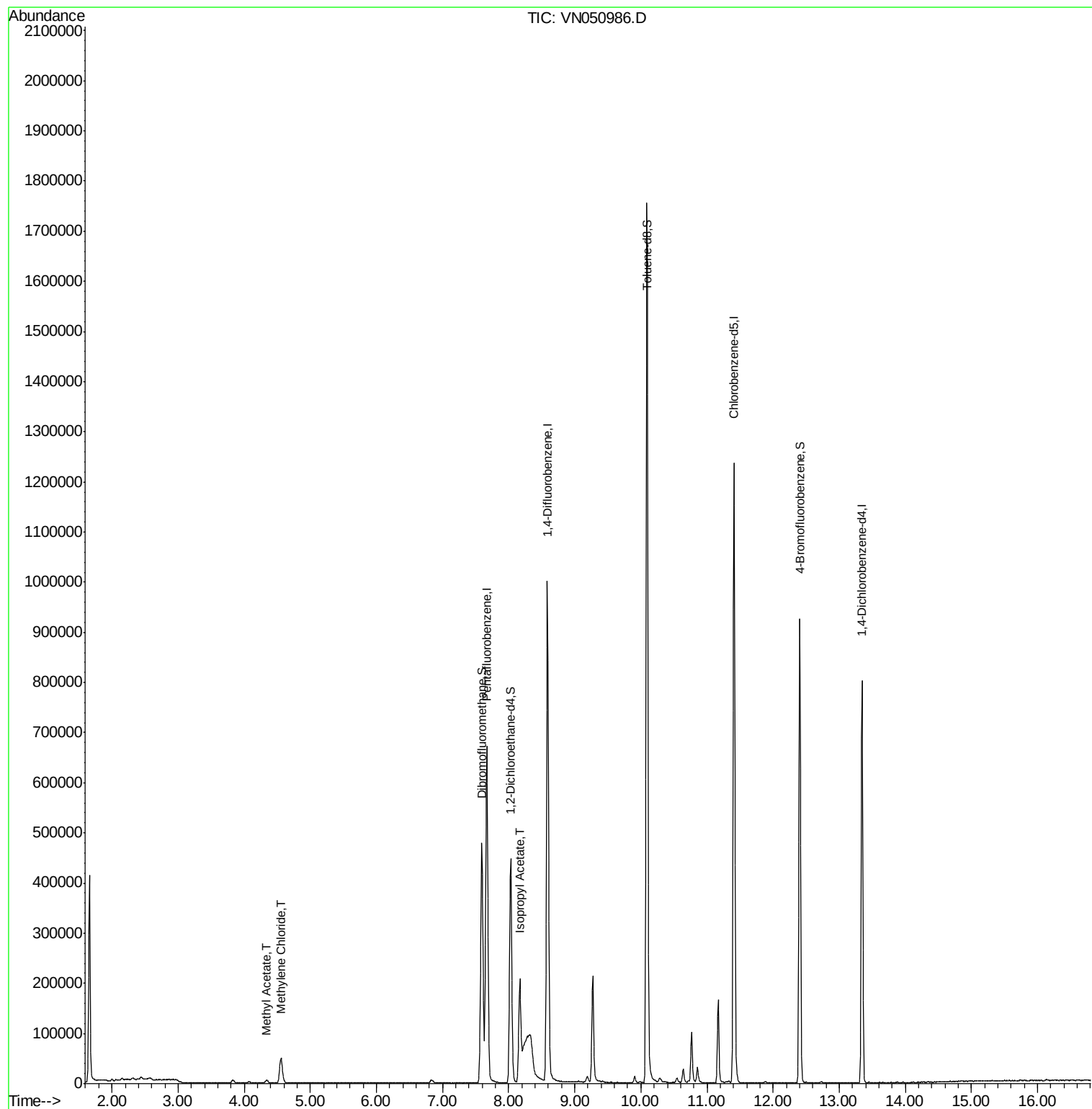
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	594332	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	965028	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	786610	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	233290	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	380292	53.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.30%	
35) Dibromofluoromethane	7.59	113	369526	48.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.26%	
50) Toluene-d8	10.09	98	1293557	45.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.14%	
62) 4-Bromofluorobenzene	12.40	95	317791	33.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.64%	
Target Compounds						
18) Methyl Acetate	4.34	43	11683	1.73	ug/l	# 76
20) Methylene Chloride	4.55	84	39646	4.92	ug/l	94
43) Isopropyl Acetate	8.17	43	257320	22.88	ug/l	98

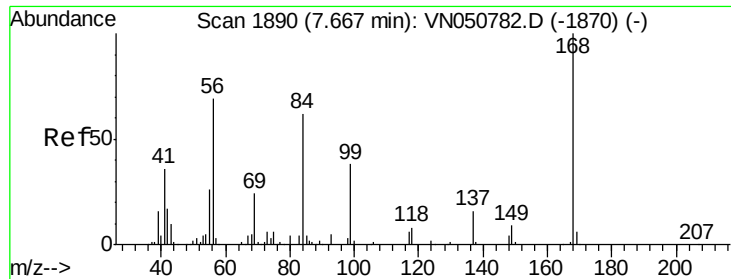
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050986.D

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MSVOA_N

ClientSampleId :

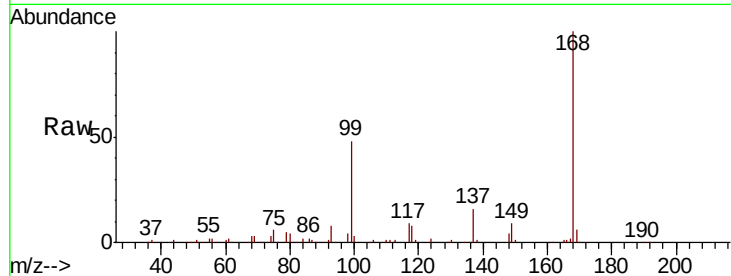
PB112510ZHE#04

Tot Ion:168 Resp: 594332

Ion Ratio Lower Upper

168 100

99 48.5 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

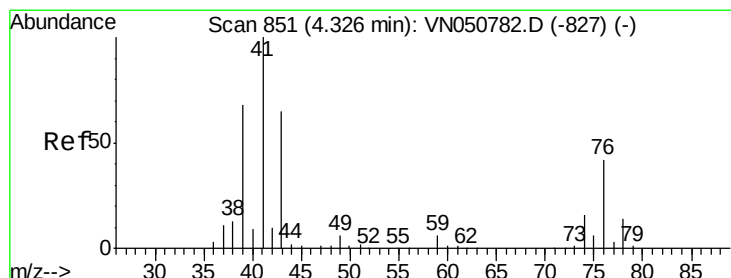
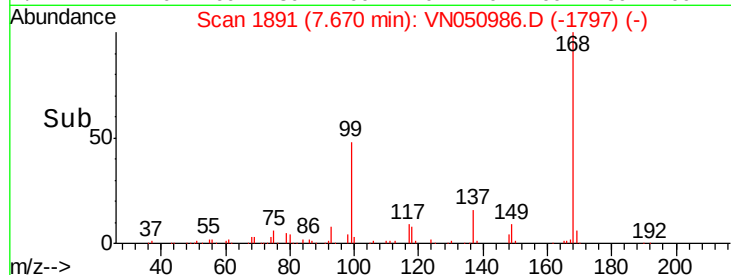
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 1.73 ug/l

RT: 4.34 min Scan# 854

Delta R.T. 0.01 min

Lab File: VN050986.D

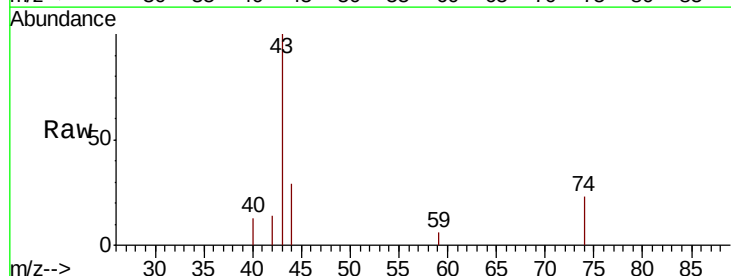
Acq: 31 Aug 2018 14:25

Tgt Ion: 43 Resp: 11683

Ion Ratio Lower Upper

43 100

74 12.9 19.8 29.8#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 74.00 (73.70 to 74.70): VN

4.34

4000

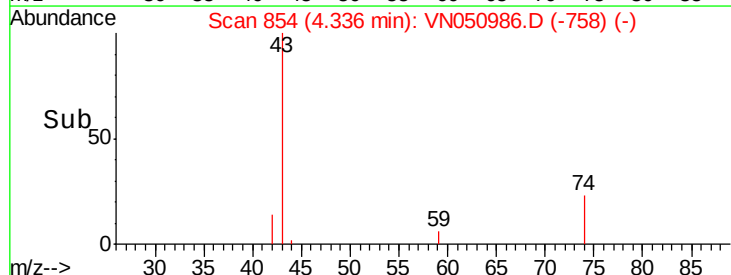
3000

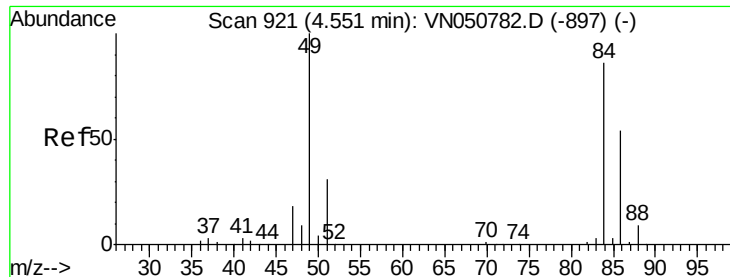
2000

1000

0

Time-->

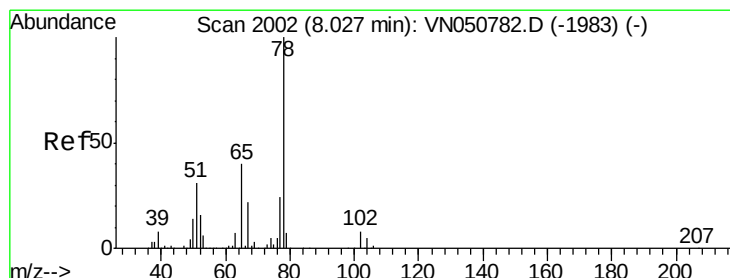
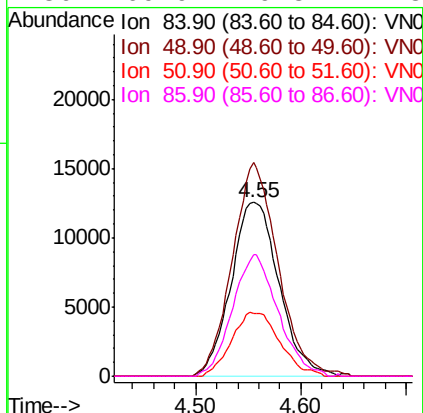
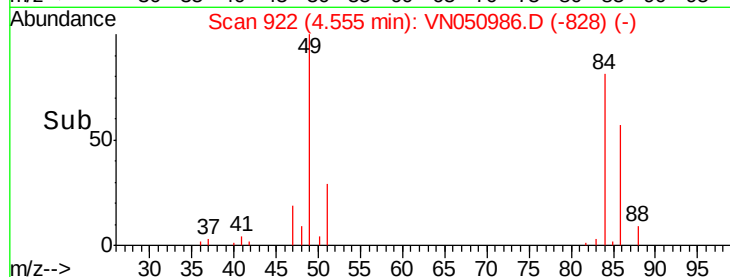
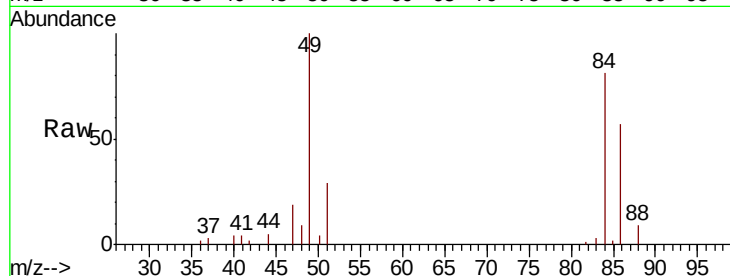




#20
Methylene Chloride
Concen: 4.92 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050986.D
Acq: 31 Aug 2018 14:25

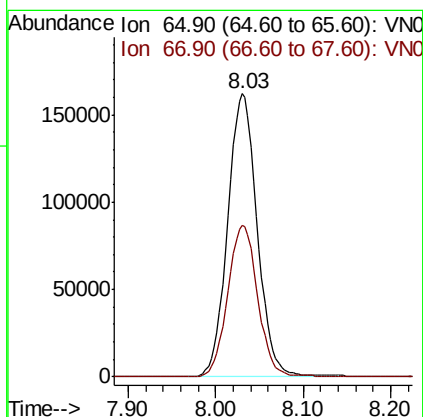
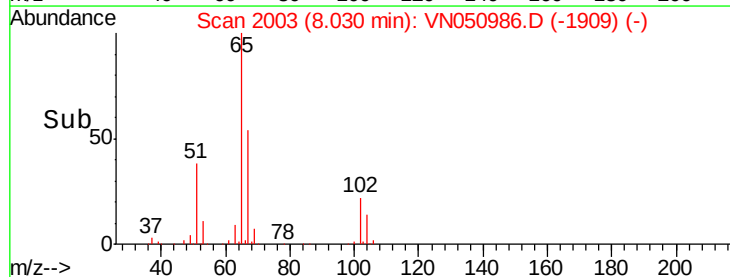
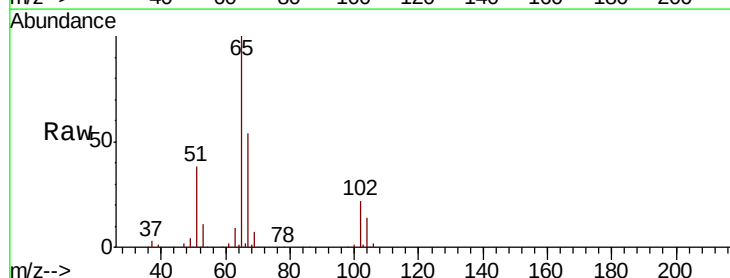
Instrument :
MSVOA_N
ClientSampleId :
PB112510ZHE#04

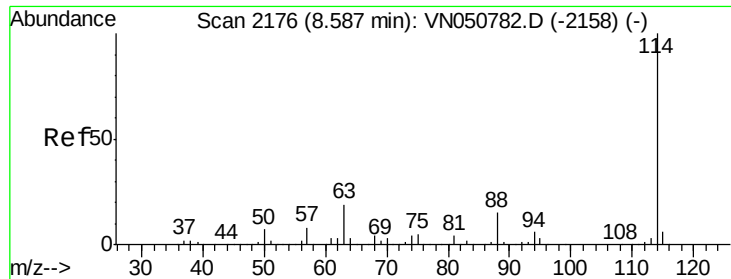
Tot Ion: 84 Resp: 39646
Ion Ratio Lower Upper
84 100
49 122.8 93.2 139.8
51 36.0 29.0 43.6
86 69.9 49.8 74.8



#33
1,2-Dichloroethane-d4
Concen: 53.15 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050986.D
Acq: 31 Aug 2018 14:25

Tgt Ion: 65 Resp: 380292
Ion Ratio Lower Upper
65 100
67 54.3 0.0 110.4

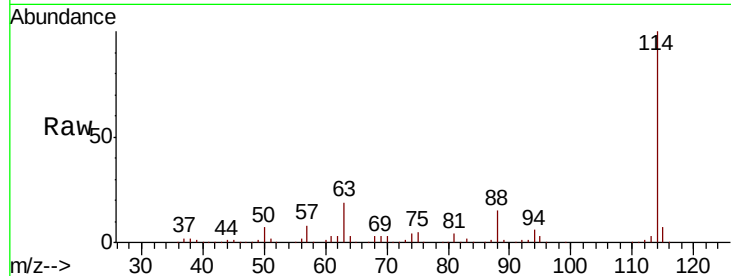




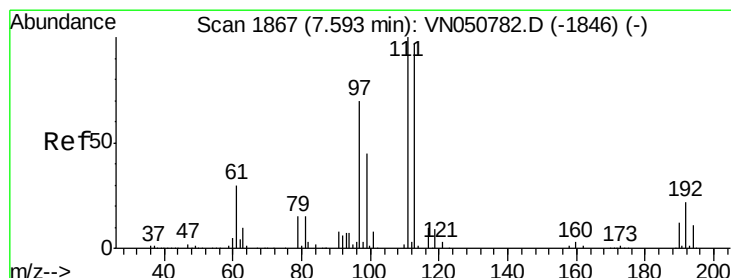
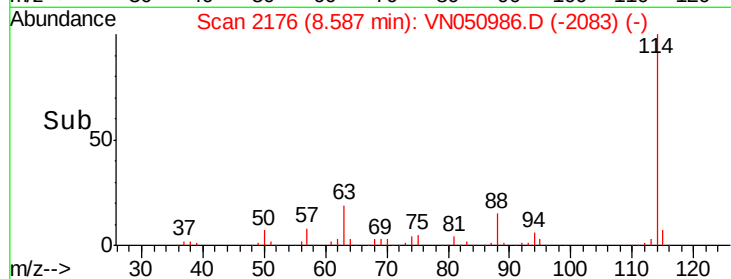
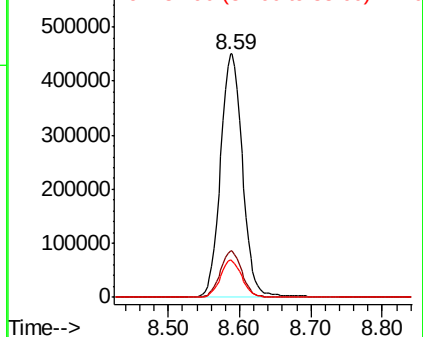
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050986.D
 Acq: 31 Aug 2018 14:25

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112510ZHE#04

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	38.6
88	15.3	0.0	30.6

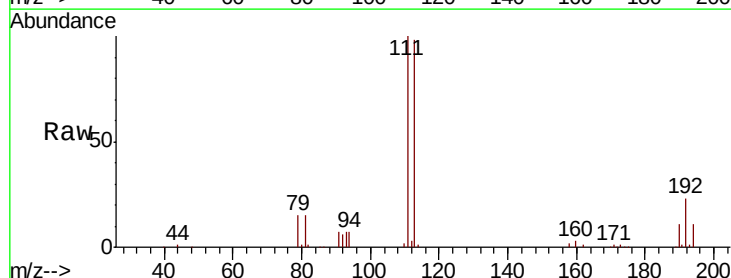


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

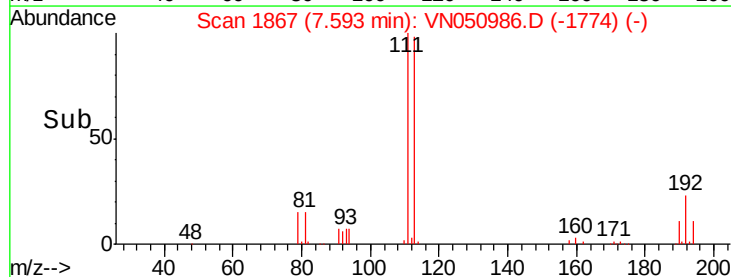
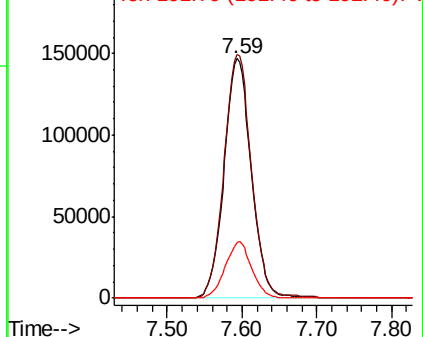


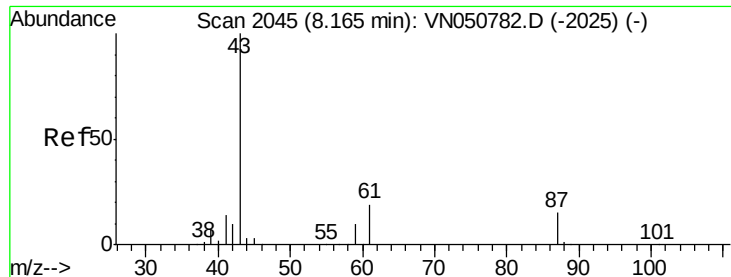
#35
 Dibromofluoromethane
 Concen: 48.13 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050986.D
 Acq: 31 Aug 2018 14:25

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.6	123.8
192	23.0	18.0	27.0



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: 22.88 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050986.D

Acq: 31 Aug 2018 14:25

Instrument :

MSVOA_N

ClientSampleId :

PB112510ZHE#04

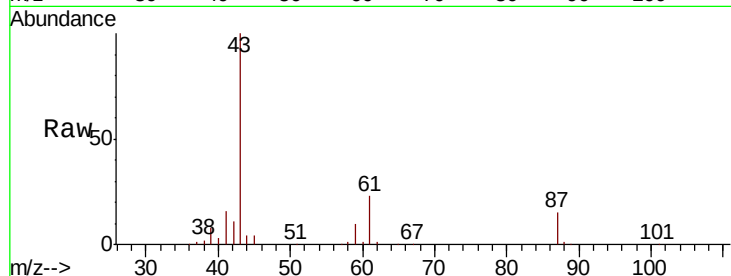
Tot Ion: 43 Resp: 257320

Ion Ratio Lower Upper

43 100

61 20.9 17.5 26.3

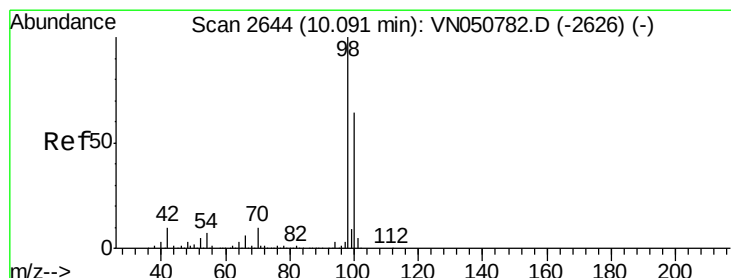
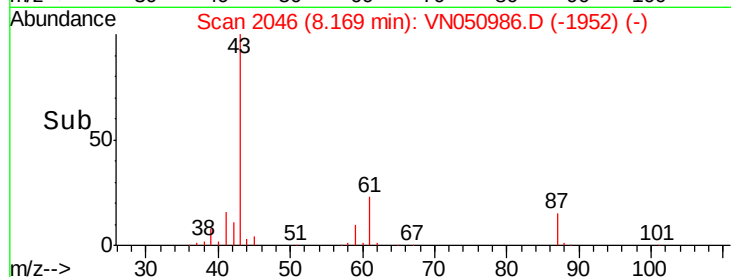
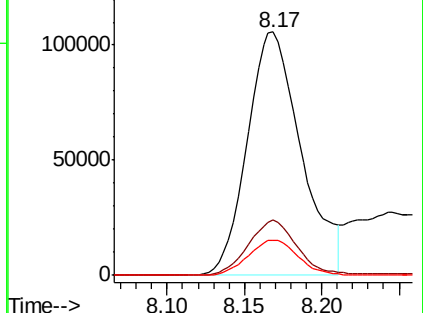
87 13.5 11.3 16.9



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: 45.07 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050986.D

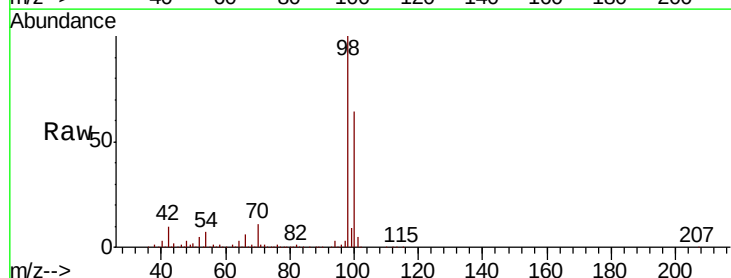
Acq: 31 Aug 2018 14:25

Tgt Ion: 98 Resp: 1293557

Ion Ratio Lower Upper

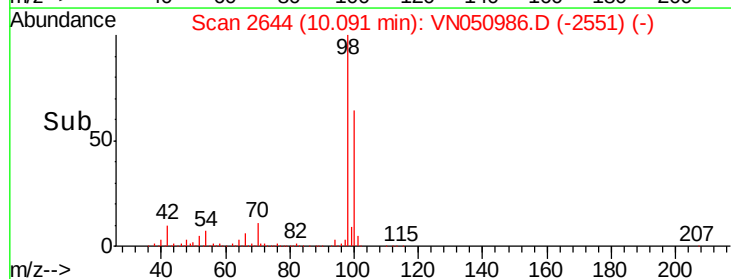
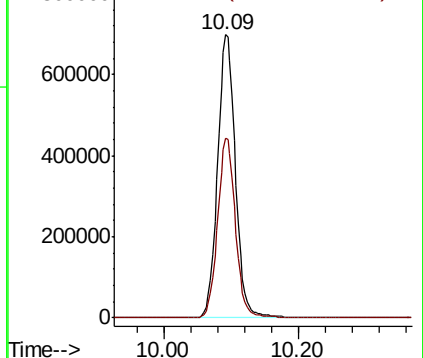
98 100

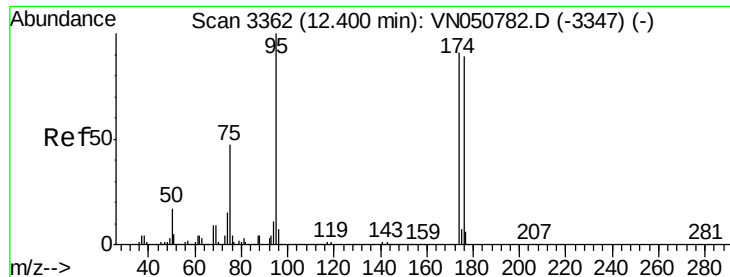
100 63.4 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

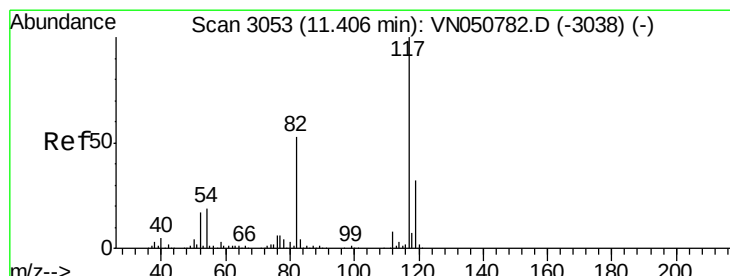
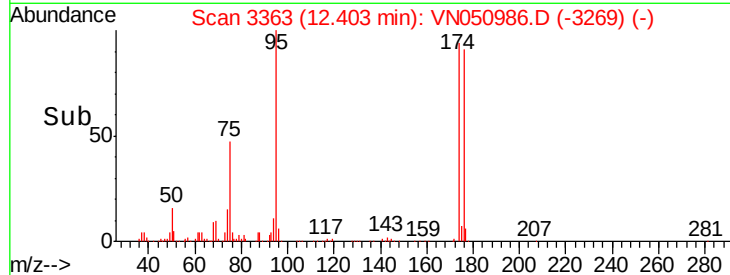
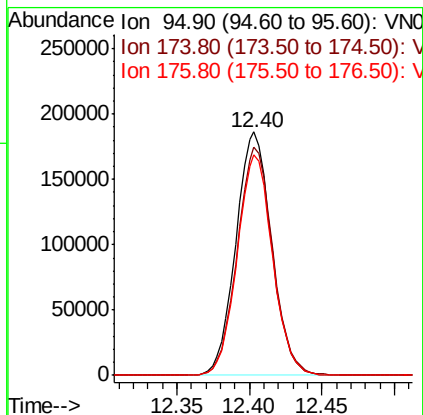
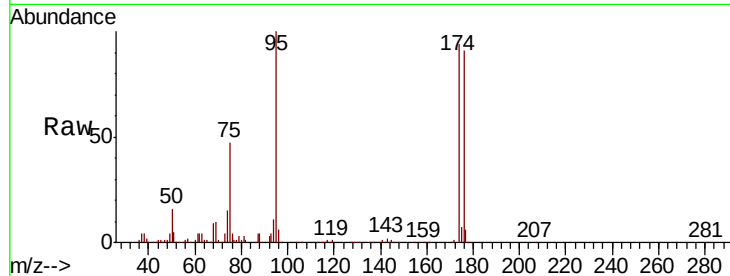




#62
 4-Bromofluorobenzene
 Concen: 33.32 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN050986.D
 Acq: 31 Aug 2018 14:25

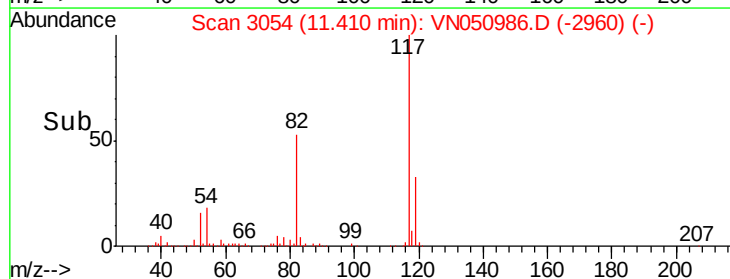
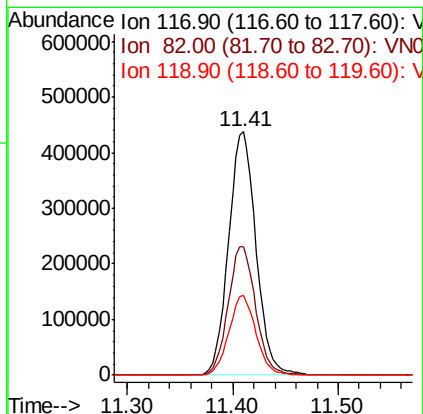
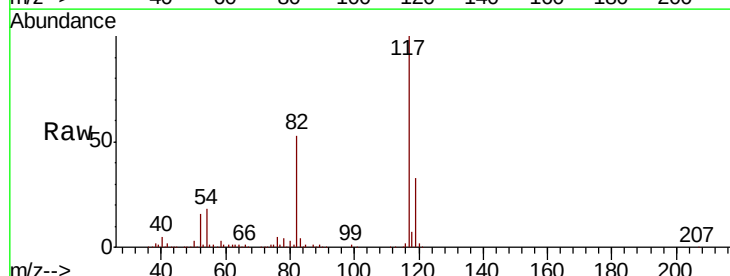
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112510ZHE#04

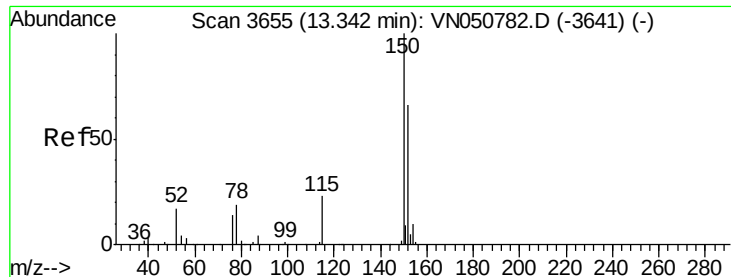
Tot Ion: 95 Resp: 317791
 Ion Ratio Lower Upper
 95 100
 174 93.8 0.0 183.0
 176 89.9 0.0 178.8



#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 11.41 min Scan# 3054
 Delta R.T. 0.00 min
 Lab File: VN050986.D
 Acq: 31 Aug 2018 14:25

Tgt Ion: 117 Resp: 786610
 Ion Ratio Lower Upper
 117 100
 82 52.9 42.6 64.0
 119 32.5 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: VN050986.D

Acq: 31 Aug 2018 14:25

Instrument :

MSVOA_N

ClientSampleId :

PB112510ZHE#04

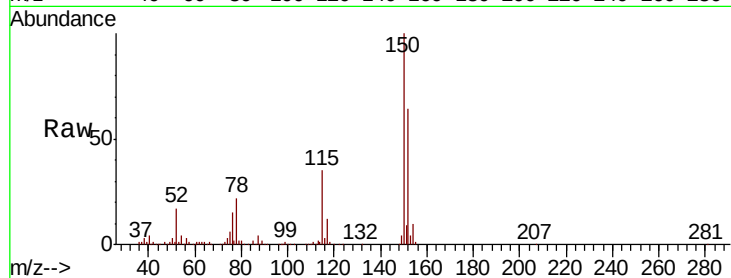
Tot Ion:152 Resp: 233290

Ion Ratio Lower Upper

152 100

115 56.1 27.8 83.4

150 155.8 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

