

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083118\
 Data File : VN050987.D
 Acq On : 31 Aug 2018 14:50
 Operator : MD\SY
 Sample : PB112510ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112510ZHE#05

Quant Time: Aug 31 23:44:37 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

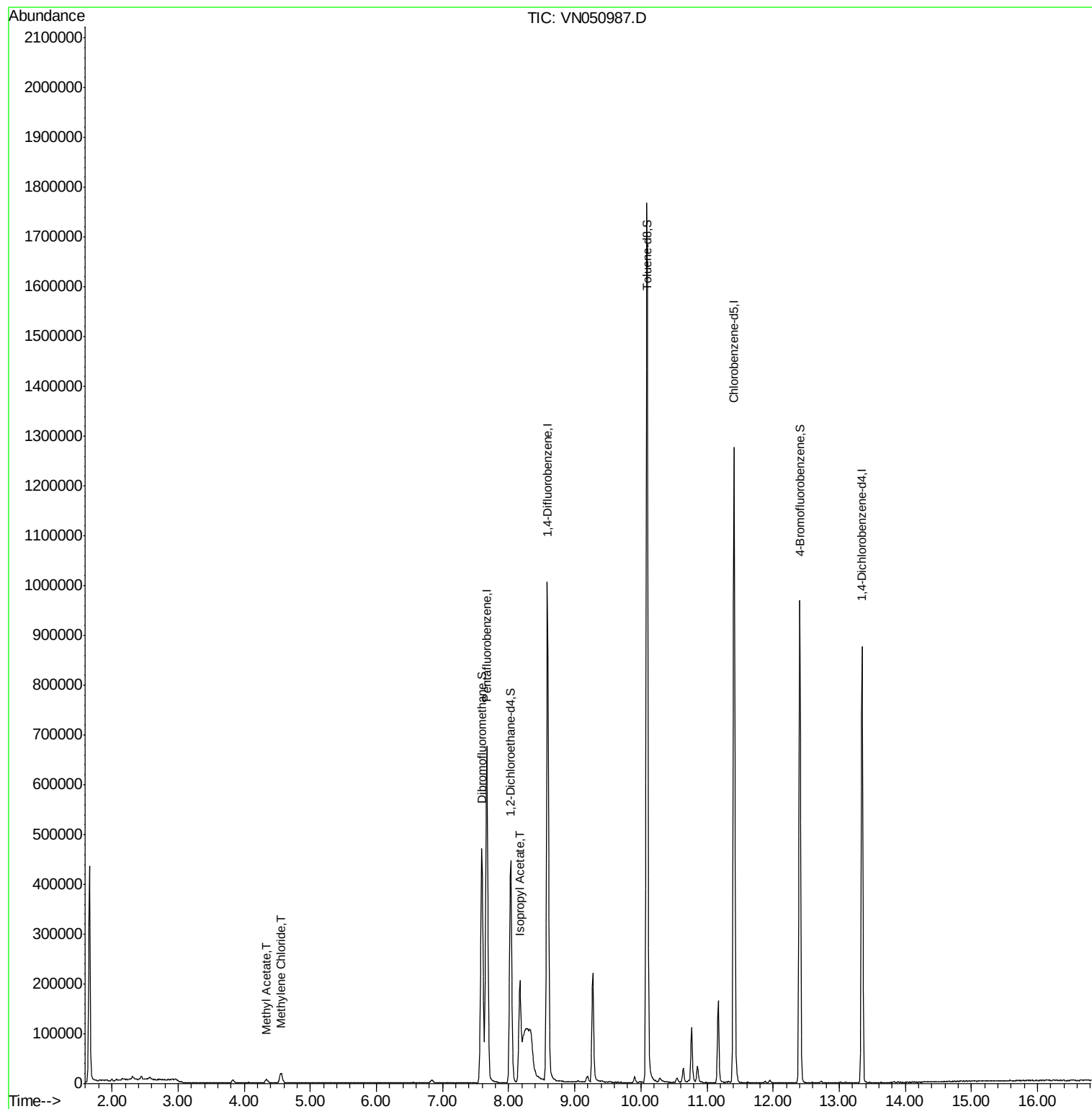
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	588249	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	969424	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	804892	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	257015	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	382074	53.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.90%	
35) Dibromofluoromethane	7.60	113	371917	48.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.44%	
50) Toluene-d8	10.09	98	1302658	45.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.36%	
62) 4-Bromofluorobenzene	12.40	95	337166	35.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.38%	
Target Compounds						
18) Methyl Acetate	4.34	43	13887	2.08	ug/l	93
20) Methylene Chloride	4.55	84	16317	2.04	ug/l	90
43) Isopropyl Acetate	8.17	43	252177	22.32	ug/l	95

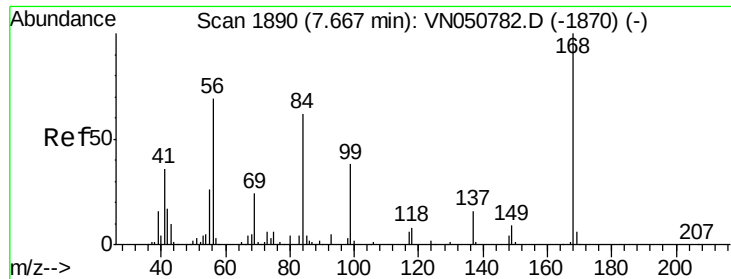
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050987.D

Acq: 31 Aug 2018 14:50

Instrument :

MSVOA_N

ClientSampleId :

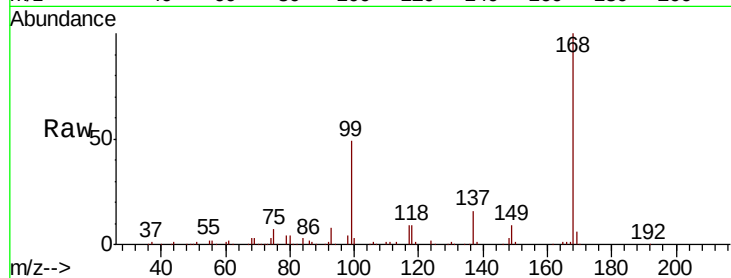
PB112510ZHE#05

Tot Ion:168 Resp: 588249

Ion Ratio Lower Upper

168 100

99 49.0 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): VN050987.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN050987.D (-1797) (-)

7.67

250000

200000

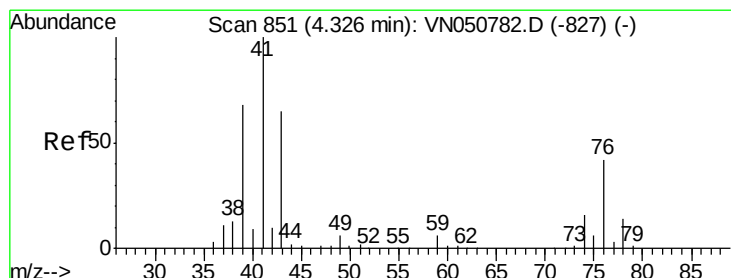
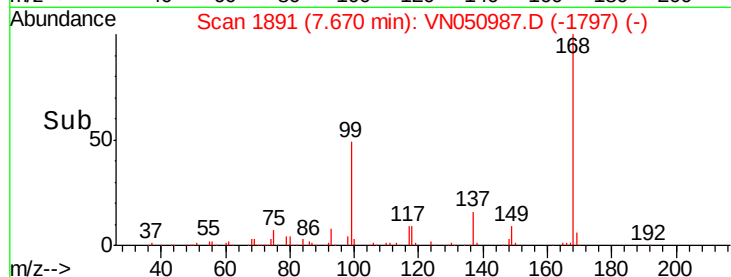
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 2.08 ug/l

RT: 4.34 min Scan# 854

Delta R.T. 0.01 min

Lab File: VN050987.D

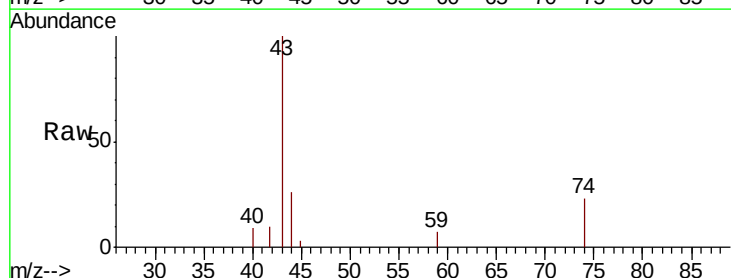
Acq: 31 Aug 2018 14:50

Tgt Ion: 43 Resp: 13887

Ion Ratio Lower Upper

43 100

74 21.4 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN050987.D (-758) (-)

Ion 74.00 (73.70 to 74.70): VN050987.D (-758) (-)

4.34

5000

4000

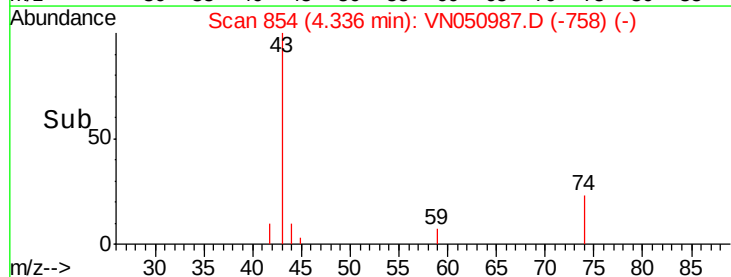
3000

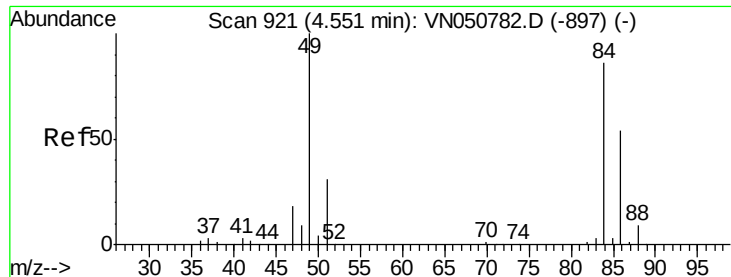
2000

1000

0

Time-->

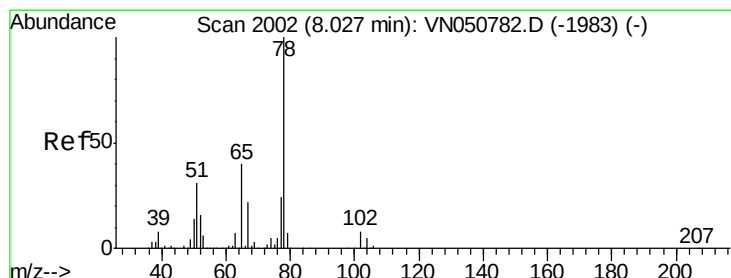
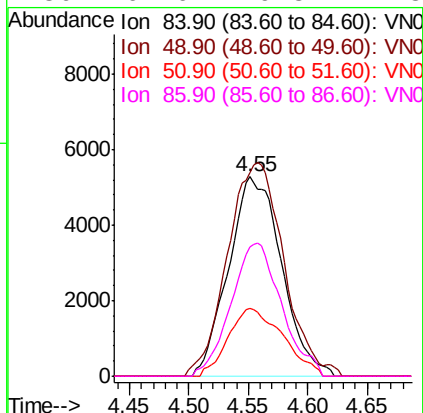
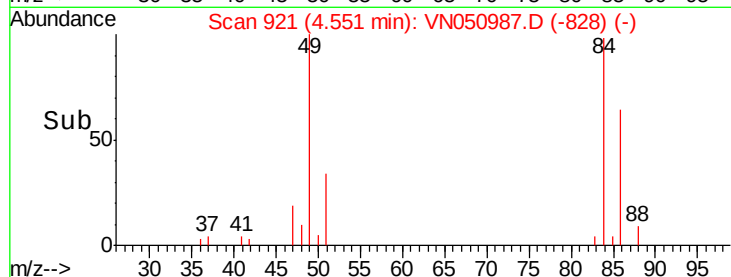
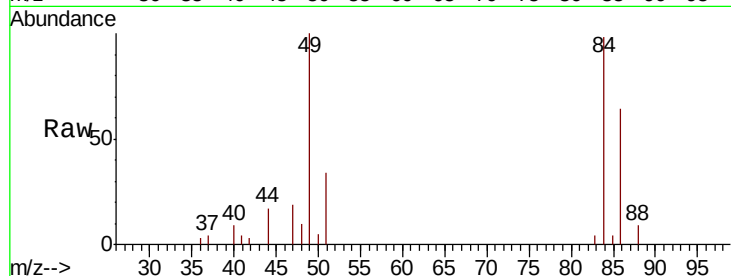




#20
Methylene Chloride
Concen: 2.04 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050987.D
Acq: 31 Aug 2018 14:50

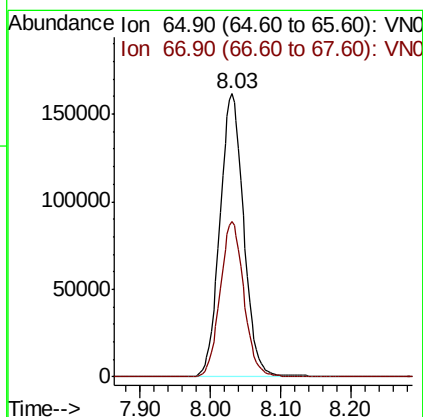
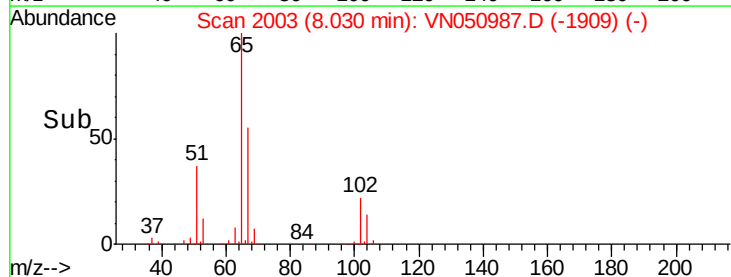
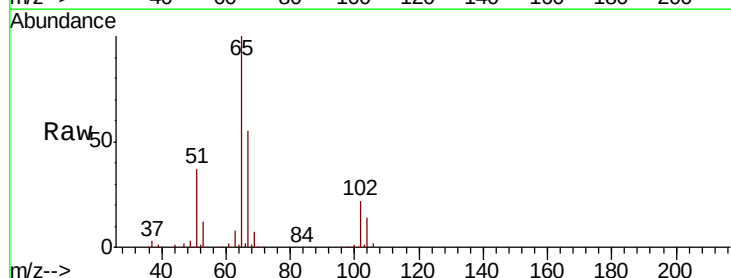
Instrument :
MSVOA_N
ClientSampleId :
PB112510ZHE#05

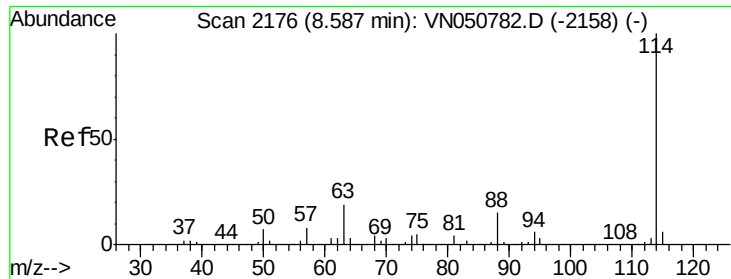
Tot Ion:	84	Resp:	16317
Ion	Ratio	Lower	Upper
84	100		
49	98.7	93.2	139.8
51	34.1	29.0	43.6
86	64.6	49.8	74.8



#33
1,2-Dichloroethane-d4
Concen: 53.95 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050987.D
Acq: 31 Aug 2018 14:50

Tgt Ion:	65	Resp:	382074
Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	110.4

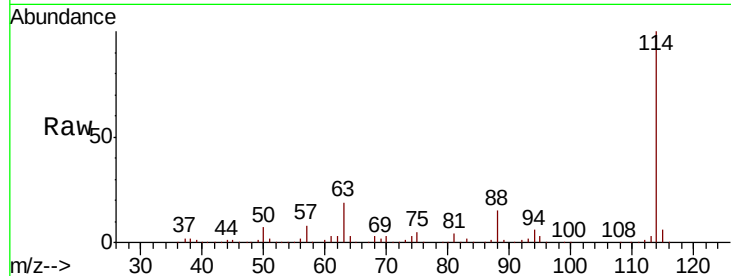




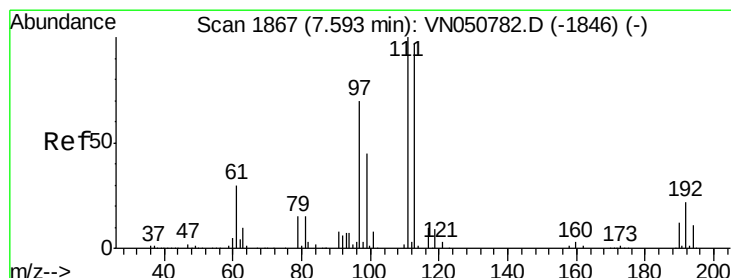
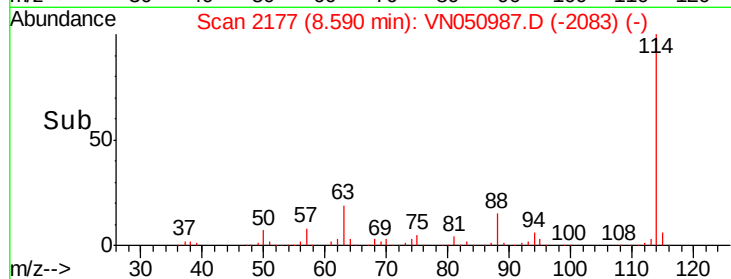
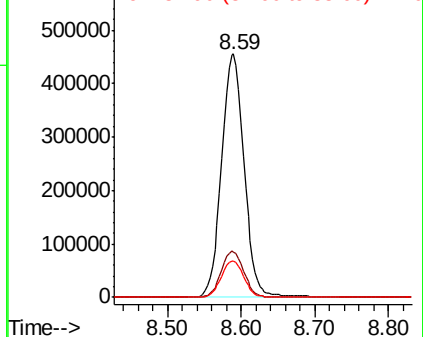
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050987.D
 Acq: 31 Aug 2018 14:50

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112510ZHE#05

Tot Ion:114 Resp: 969424
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 38.6
 88 15.1 0.0 30.6

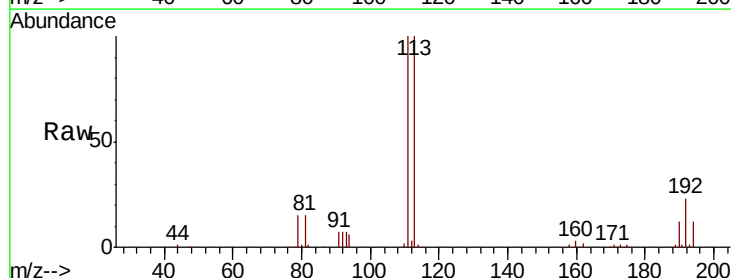


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

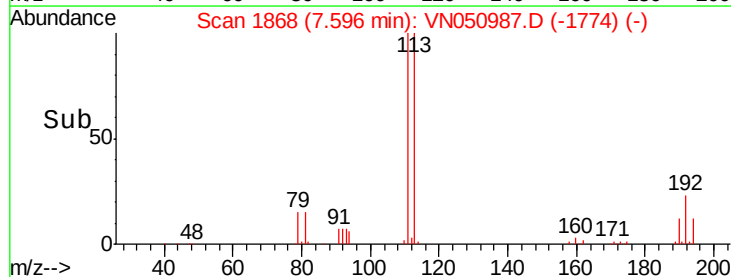
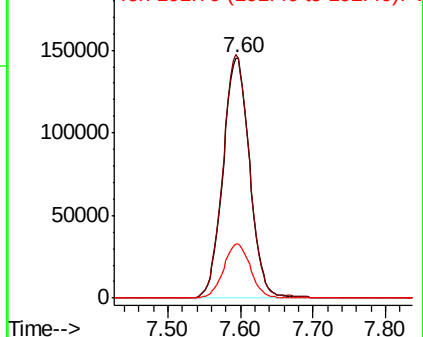


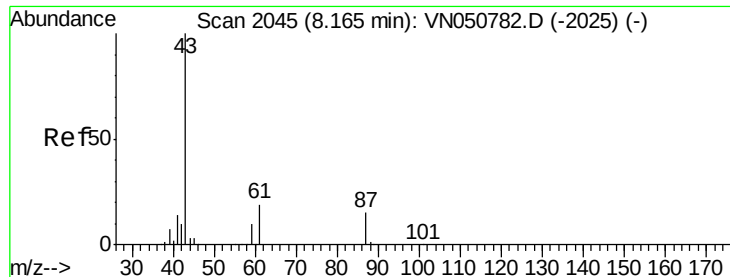
#35
 Dibromofluoromethane
 Concen: 48.22 ug/l
 RT: 7.60 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN050987.D
 Acq: 31 Aug 2018 14:50

Tgt Ion:113 Resp: 371917
 Ion Ratio Lower Upper
 113 100
 111 100.0 82.6 123.8
 192 22.6 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: 22.32 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050987.D

Acq: 31 Aug 2018 14:50

Instrument :

MSVOA_N

ClientSampleId :

PB112510ZHE#05

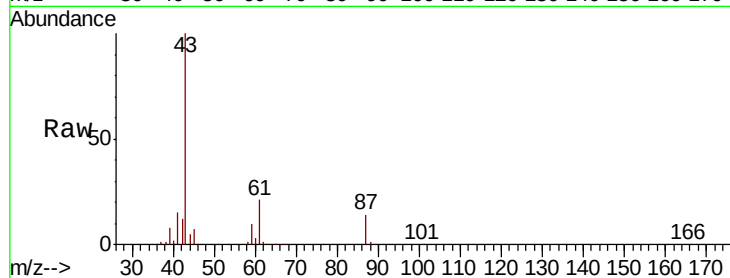
Tot Ion: 43 Resp: 252177

Ion Ratio Lower Upper

43 100

61 18.9 17.5 26.3

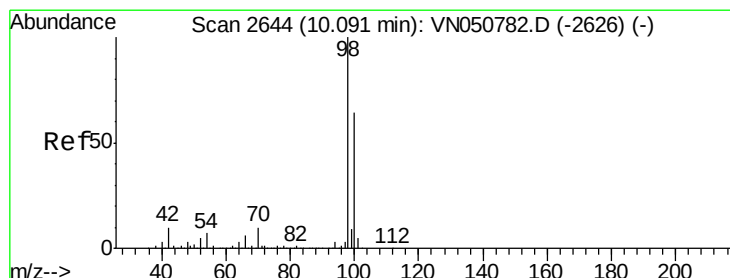
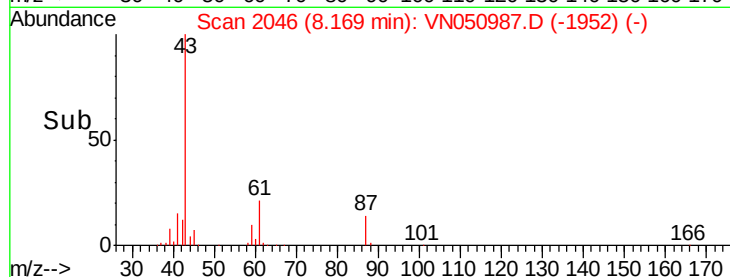
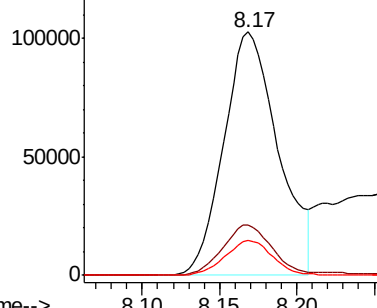
87 12.4 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VN050782.D (-2025) (-)

Ion 61.00 (60.70 to 61.70): VN050782.D (-2025) (-)

Ion 87.00 (86.70 to 87.70): VN050782.D (-2025) (-)



#50

Toluene-d8

Concen: 45.18 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050987.D

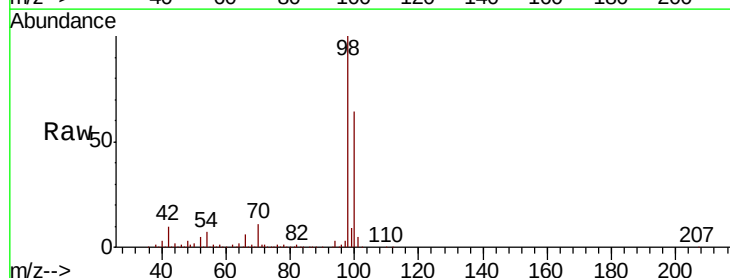
Acq: 31 Aug 2018 14:50

Tgt Ion: 98 Resp: 1302658

Ion Ratio Lower Upper

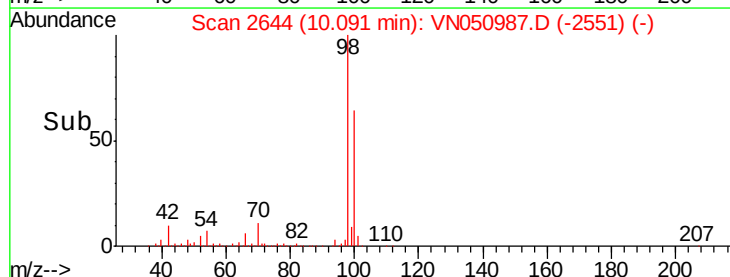
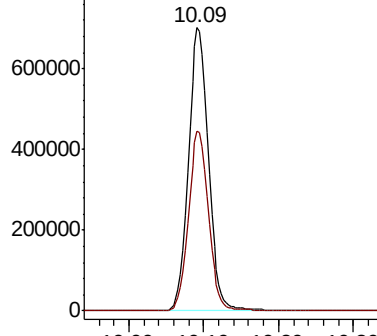
98 100

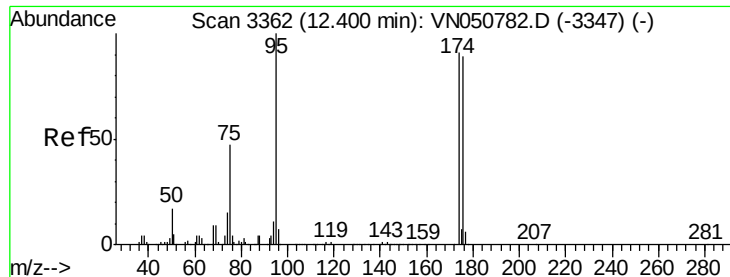
100 63.3 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN050782.D (-2626) (-)

Ion 100.00 (99.70 to 100.70): VN050782.D (-2626) (-)





#62

4-Bromofluorobenzene

Concen: 35.19 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050987.D

Acq: 31 Aug 2018 14:50

Instrument :

MSVOA_N

ClientSampleId :

PB112510ZHE#05

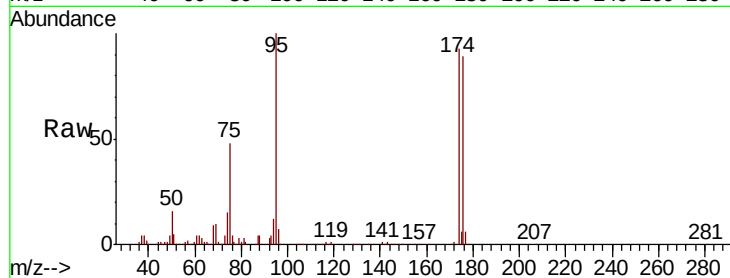
Tot Ion: 95 Resp: 337166

Ion Ratio Lower Upper

95 100

174 93.7 0.0 183.0

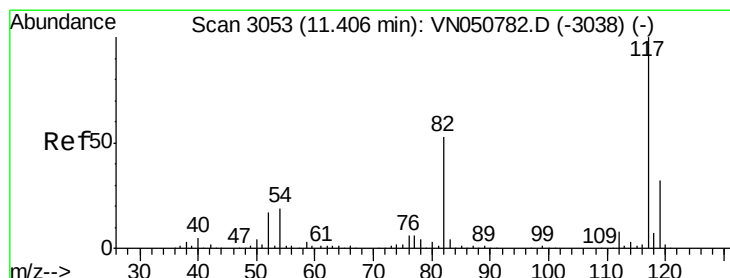
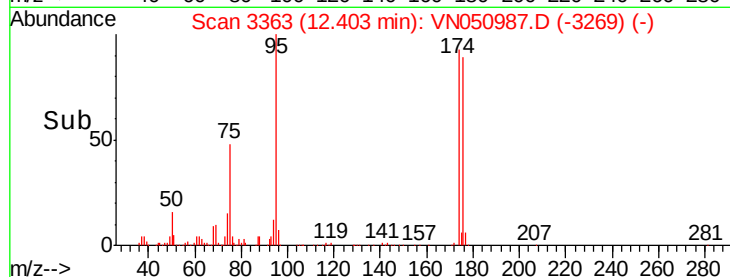
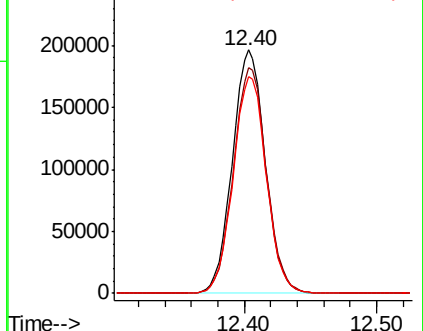
176 89.9 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050987.D

Acq: 31 Aug 2018 14:50

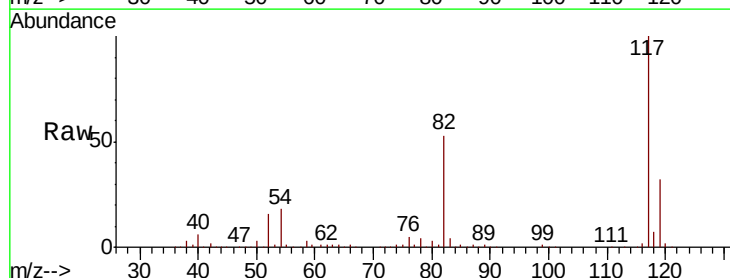
Tgt Ion: 117 Resp: 804892

Ion Ratio Lower Upper

117 100

82 52.8 42.6 64.0

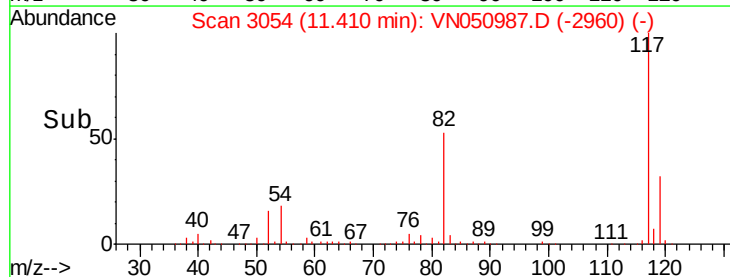
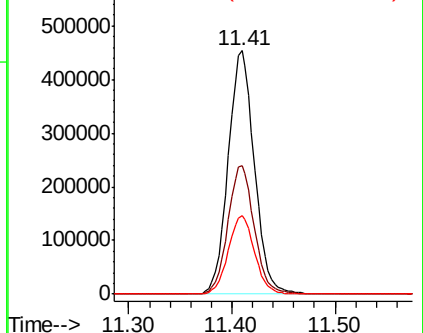
119 32.1 25.8 38.6

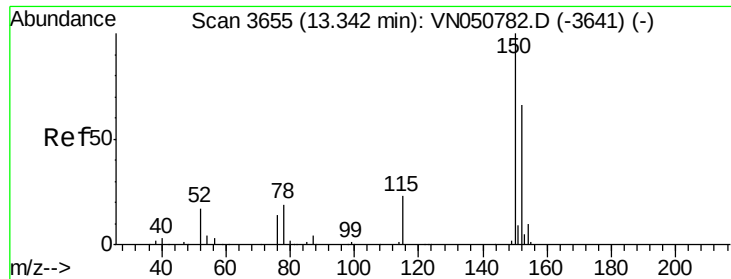


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050987.D

Acq: 31 Aug 2018 14:50

Instrument :

MSVOA_N

ClientSampleId :

PB112510ZHE#05

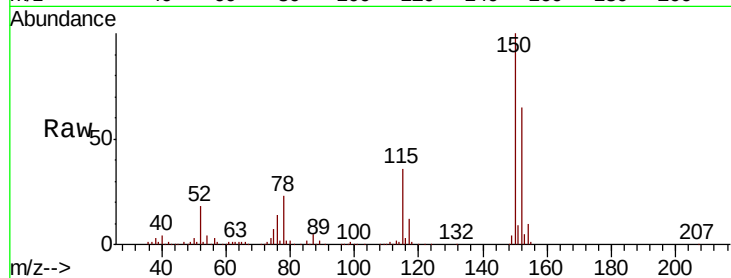
Tot Ion:152 Resp: 257015

Ion Ratio Lower Upper

152 100

115 54.6 27.8 83.4

150 156.6 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

