

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083018\
 Data File : VN050958.D
 Acq On : 30 Aug 2018 13:22
 Operator : MD\SY
 Sample : PB112481ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112481ZHE#02

Quant Time: Aug 31 04:04:43 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

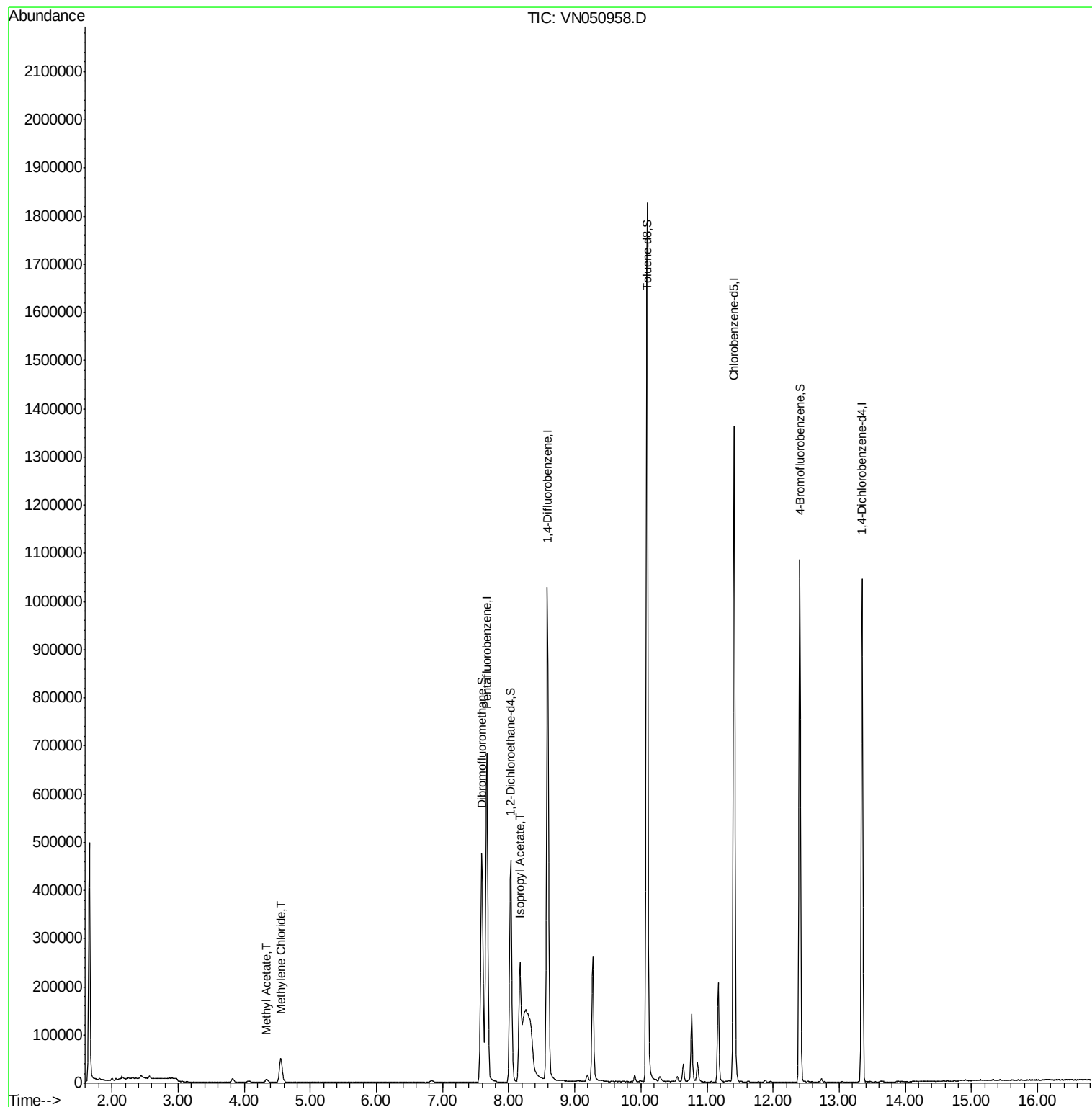
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	595211	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	982361	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	863279	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	303860	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	388775	54.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.52%	
35) Dibromofluoromethane	7.59	113	370588	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.84%	
50) Toluene-d8	10.09	98	1351271	46.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.50%	
62) 4-Bromofluorobenzene	12.40	95	374977	38.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.24%	
Target Compounds						
18) Methyl Acetate	4.33	43	12895	1.91	ug/l	94
20) Methylene Chloride	4.55	84	40962	5.07	ug/l	99
43) Isopropyl Acetate	8.17	43	312634	27.31	ug/l	94

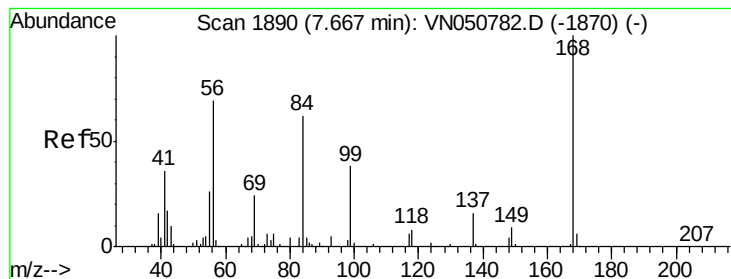
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050958.D

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MSVOA_N

ClientSampleId :

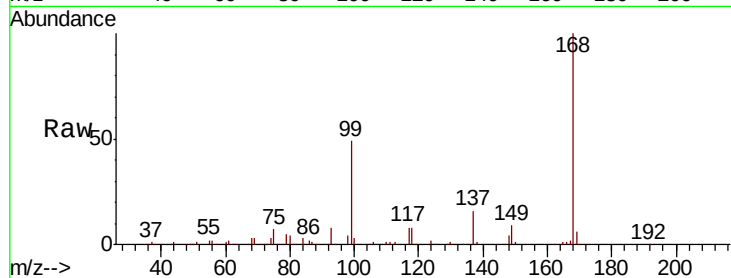
PB112481ZHE#02

Tot Ion:168 Resp: 595211

Ion Ratio Lower Upper

168 100

99 48.9 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

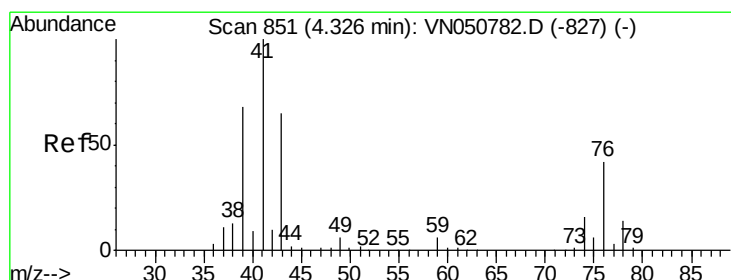
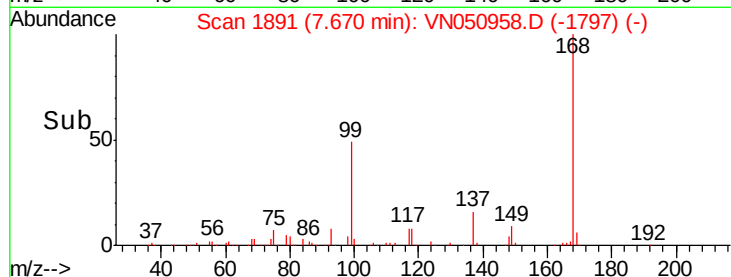
100000

50000

0

7.60 7.70 7.80

Time-->



#18

Methyl Acetate

Concen: 1.91 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN050958.D

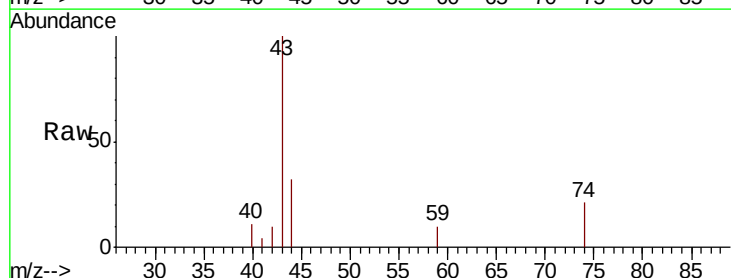
Acq: 30 Aug 2018 13:22

Tgt Ion: 43 Resp: 12895

Ion Ratio Lower Upper

43 100

74 22.0 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 74.00 (73.70 to 74.70): VN

4.33

4000

3000

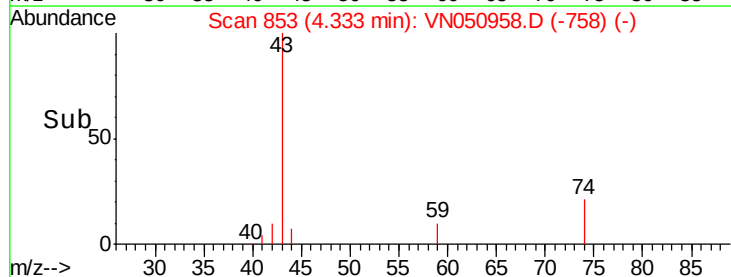
2000

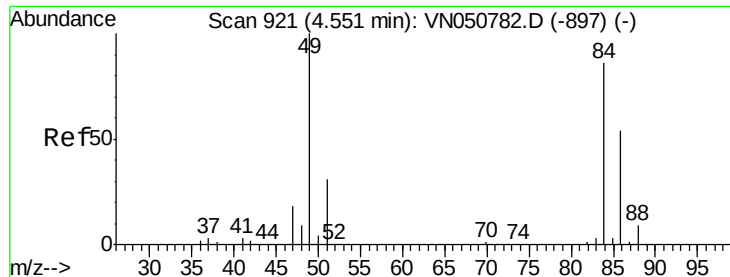
1000

0

4.30 4.40

Time-->

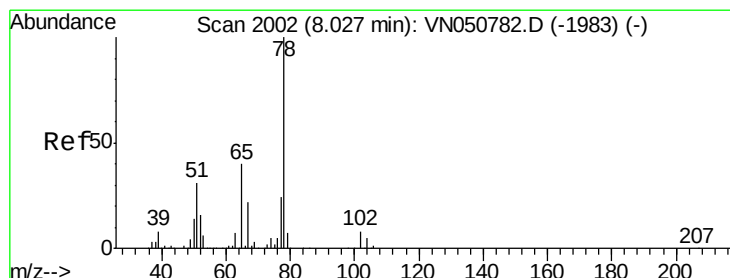
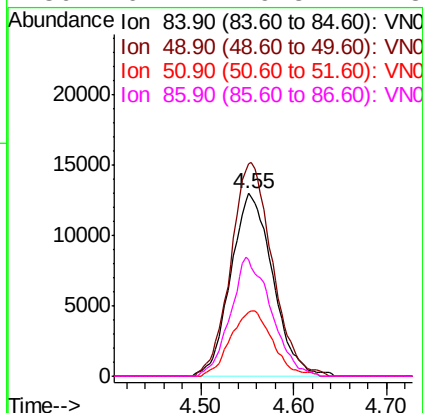
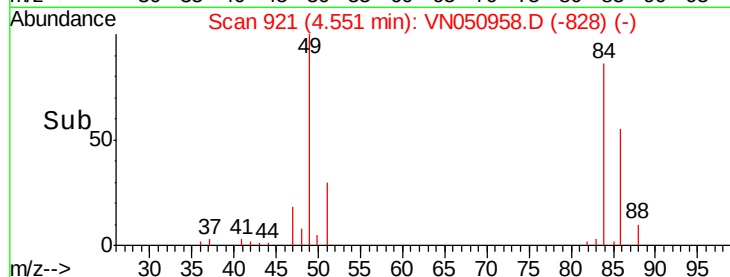
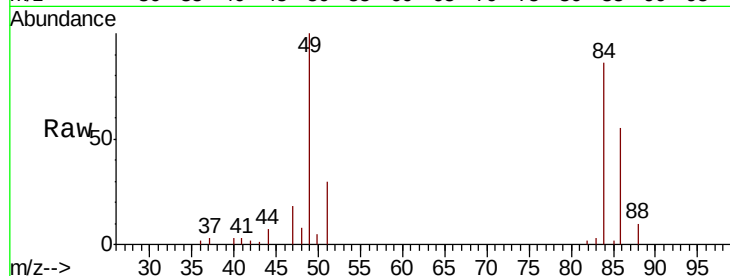




#20
Methvlene Chloride
Concen: 5.07 ug/l
RT: 4.55 min Scan# 921
Delta R.T. -0.00 min
Lab File: VN050958.D
Acq: 30 Aug 2018 13:22

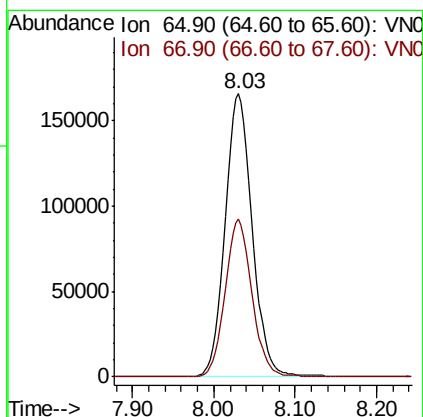
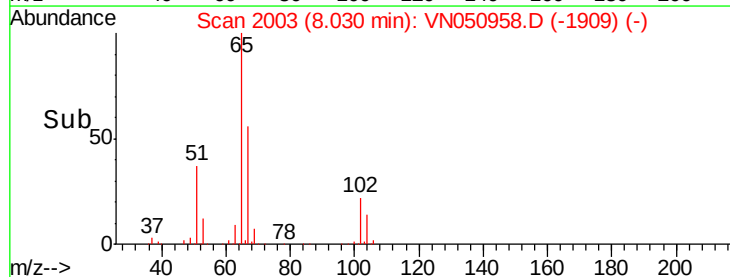
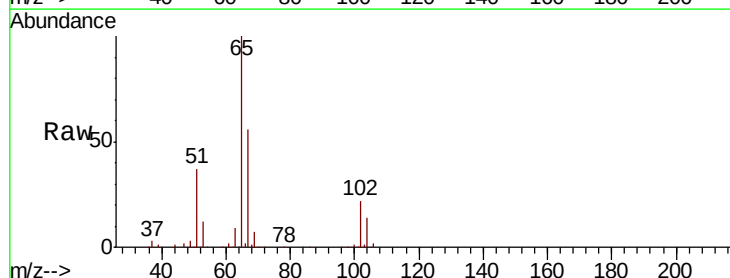
Instrument :
MSVOA_N
ClientSampleId :
PB112481ZHE#02

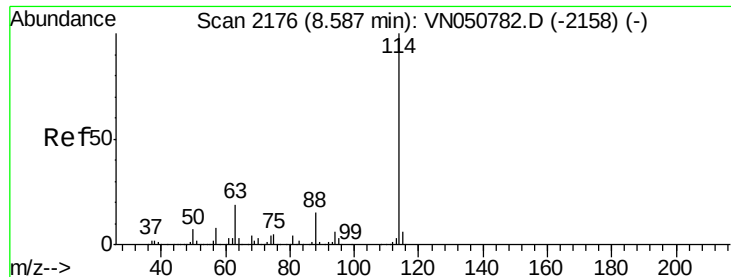
Tot Ion:	84	Resp:	40962
Ion	Ratio	Lower	Upper
84	100		
49	116.7	93.2	139.8
51	35.1	29.0	43.6
86	64.1	49.8	74.8



#33
1,2-Dichloroethane-d4
Concen: 54.26 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050958.D
Acq: 30 Aug 2018 13:22

Tgt Ion:	65	Resp:	388775
Ion	Ratio	Lower	Upper
65	100		
67	55.1	0.0	110.4

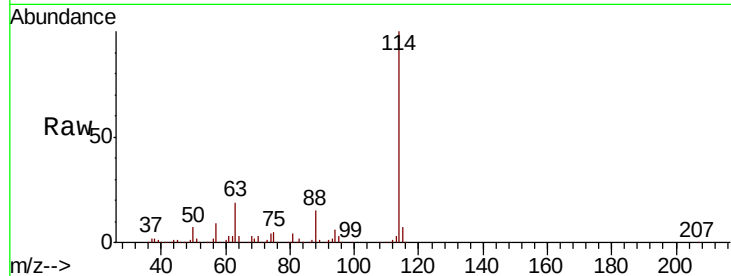




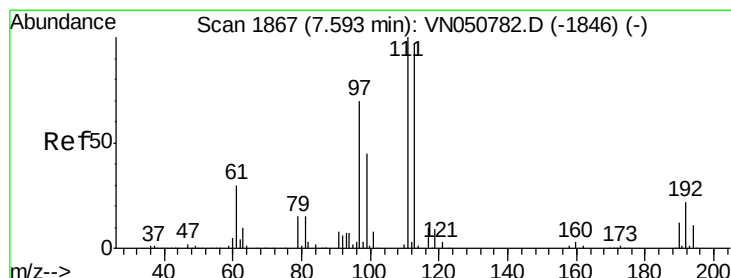
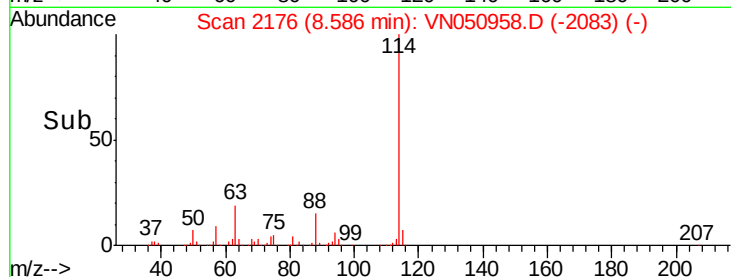
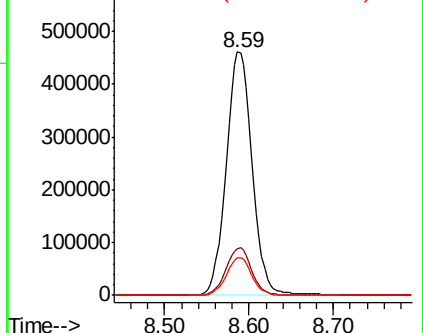
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050958.D
 Acq: 30 Aug 2018 13:22

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112481ZHE#02

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	38.6
88	15.4	0.0	30.6

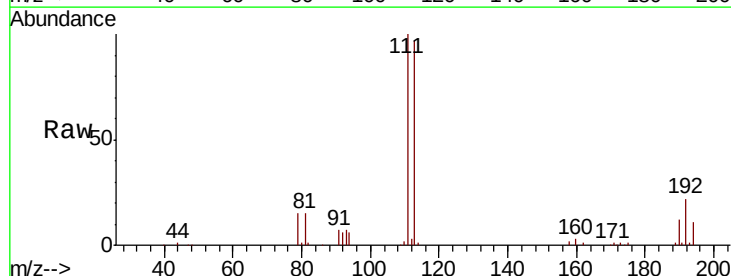


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

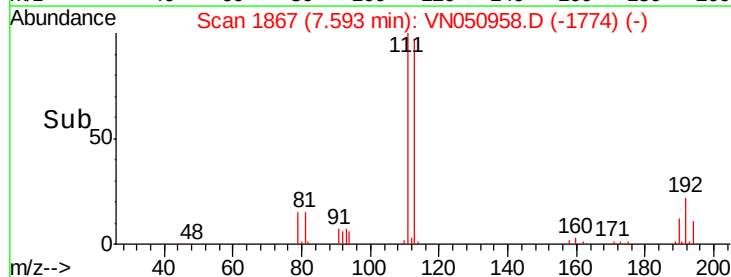
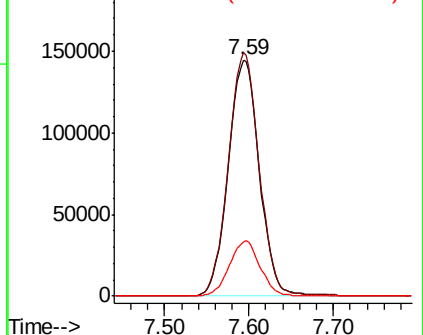


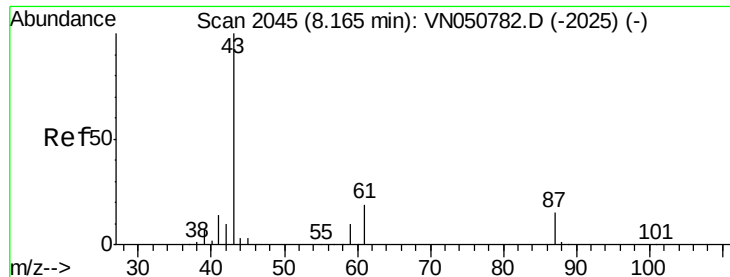
#35
 Dibromofluoromethane
 Concen: 47.42 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050958.D
 Acq: 30 Aug 2018 13:22

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.6	123.8
192	23.1	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: 27.31 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050958.D

Acq: 30 Aug 2018 13:22

Instrument :

MSVOA_N

ClientSampleId :

PB112481ZHE#02

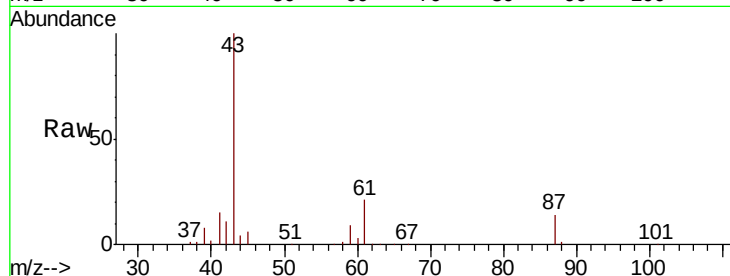
Tot Ion: 43 Resp: 312634

Ion Ratio Lower Upper

43 100

61 18.9 17.5 26.3

87 12.1 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

150000

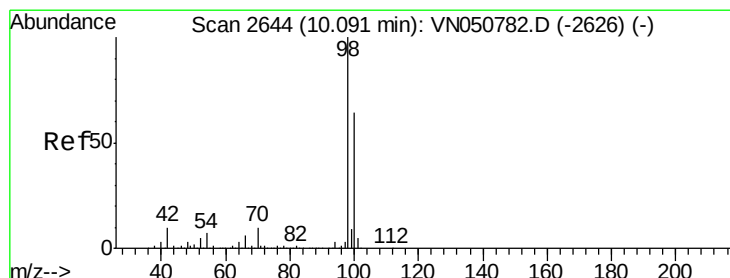
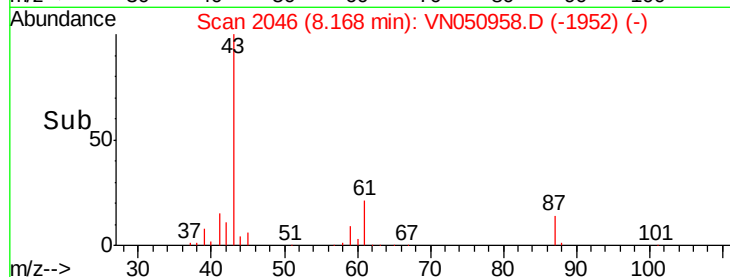
100000

50000

0

8.10 8.15 8.20

Time-->



#50

Toluene-d8

Concen: 46.25 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050958.D

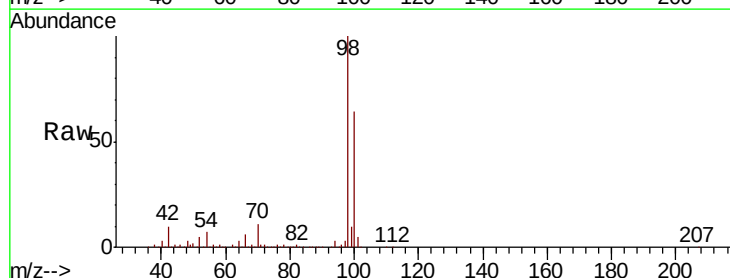
Acq: 30 Aug 2018 13:22

Tgt Ion: 98 Resp: 1351271

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

800000

600000

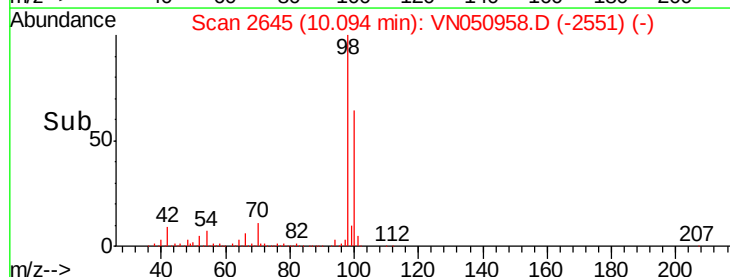
400000

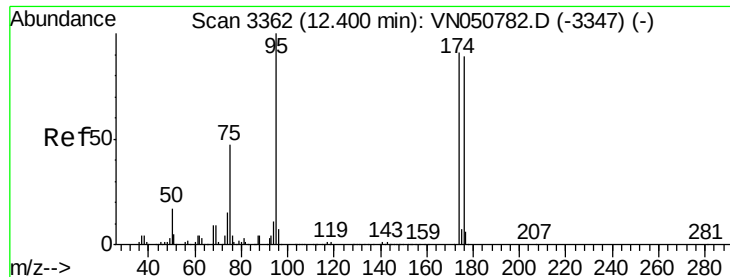
200000

0

10.00 10.10 10.20 10.30

Time-->





#62

4-Bromofluorobenzene

Concen: 38.62 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050958.D

Acq: 30 Aug 2018 13:22

Instrument :

MSVOA_N

ClientSampleId :

PB112481ZHE#02

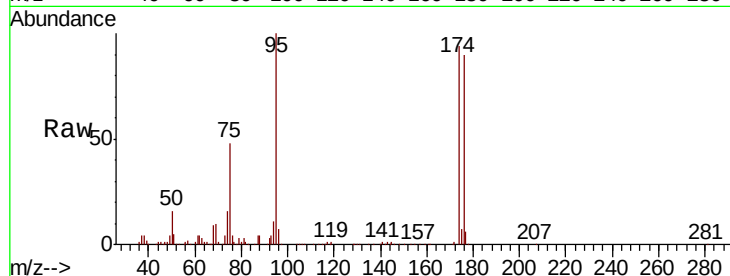
Tot Ion: 95 Resp: 374977

Ion Ratio Lower Upper

95 100

174 94.4 0.0 183.0

176 90.1 0.0 178.8



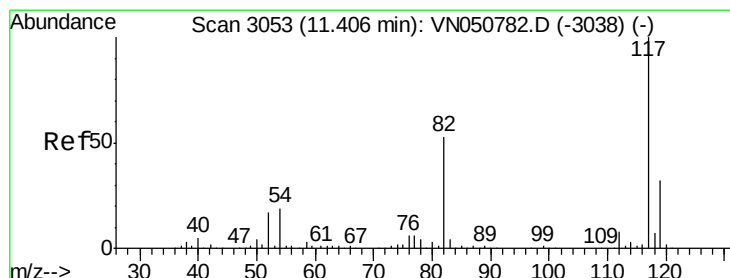
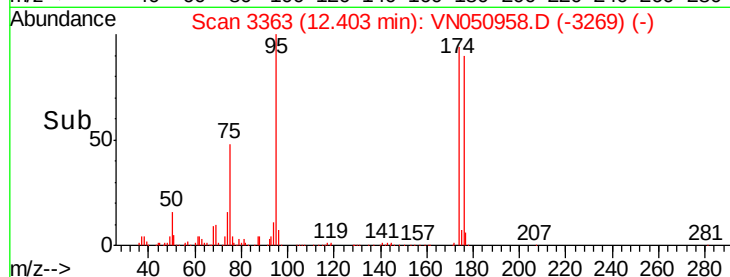
Abundance Ion 94.90 (94.60 to 95.60): VN050782.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN050782.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN050782.D (-3347) (-)

12.40

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050958.D

Acq: 30 Aug 2018 13:22

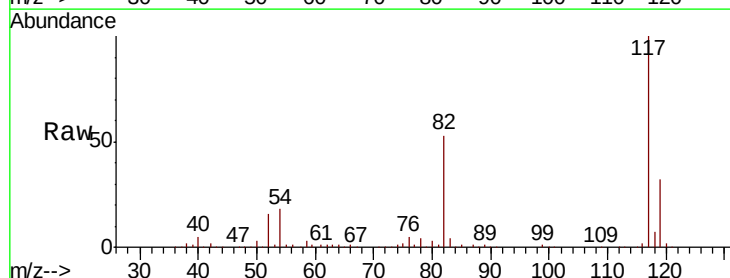
Tgt Ion: 117 Resp: 863279

Ion Ratio Lower Upper

117 100

82 52.9 42.6 64.0

119 32.1 25.8 38.6



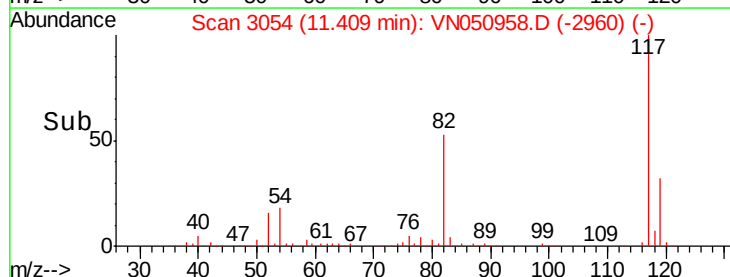
Abundance Ion 116.90 (116.60 to 117.60): VN050782.D (-3038) (-)

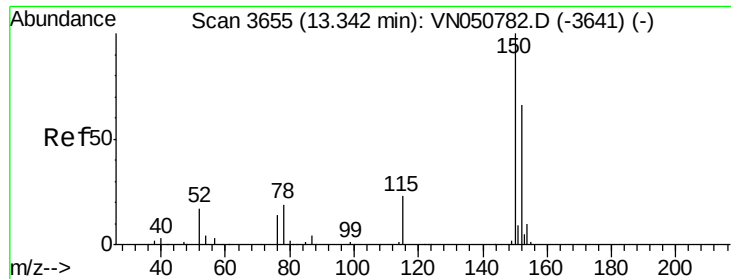
Ion 82.00 (81.70 to 82.70): VN050782.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050782.D (-3038) (-)

11.41

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050958.D

Acq: 30 Aug 2018 13:22

Instrument :

MSVOA_N

ClientSampleId :

PB112481ZHE#02

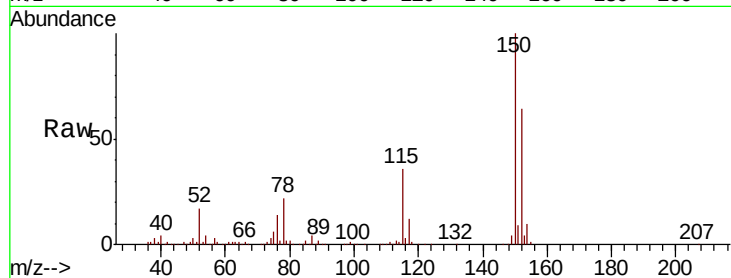
Tot Ion:152 Resp: 303860

Ion Ratio Lower Upper

152 100

115 55.8 27.8 83.4

150 155.7 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

