

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071818\
 Data File : VN049874.D
 Acq On : 18 Jul 2018 15:53
 Operator : MD\SY
 Sample : PB111206ZHE#08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111206ZHE#08

Quant Time: Jul 19 04:20:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 13:09:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	577929	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	945832	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	803889	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	296714	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	405641	51.07	ug/l	0.00
Spiked Amount			Recovery	=	102.14%	
35) Dibromofluoromethane	7.59	113	361198	45.49	ug/l	0.00
Spiked Amount			Recovery	=	90.98%	
50) Toluene-d8	10.09	98	1281857	44.31	ug/l	0.00
Spiked Amount			Recovery	=	88.62%	
62) 4-Bromofluorobenzene	12.40	95	352974	35.43	ug/l	0.00
Spiked Amount			Recovery	=	70.86%	

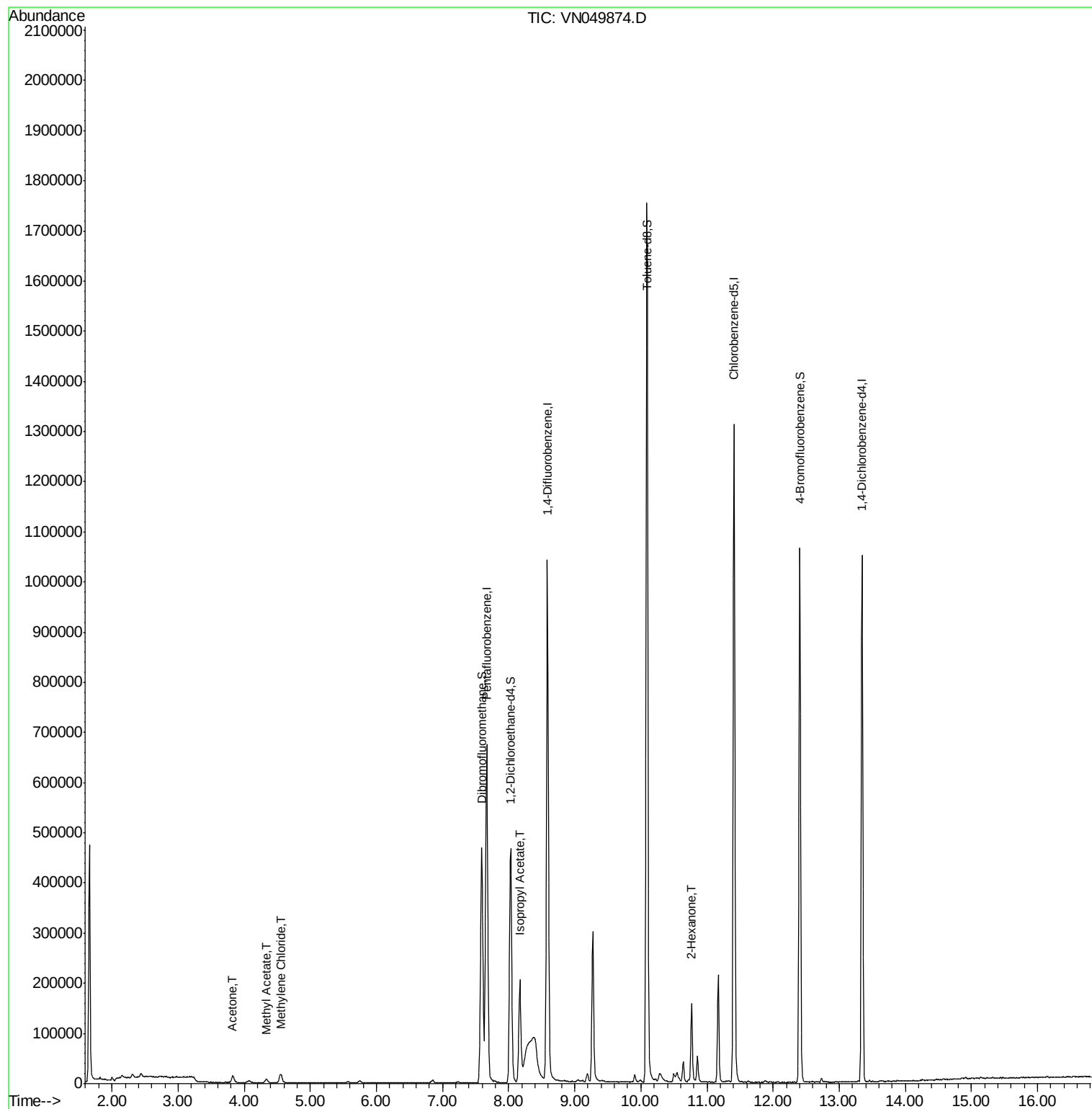
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	24451	11.89	ug/l	100
18) Methyl Acetate	4.34	43	12715	1.16	ug/l	100
20) Methylene Chloride	4.55	84	13209	1.69	ug/l	99
43) Isopropyl Acetate	8.17	43	248199	19.67	ug/l	99
59) 2-Hexanone	10.77	43	21577	4.55	ug/l #	58

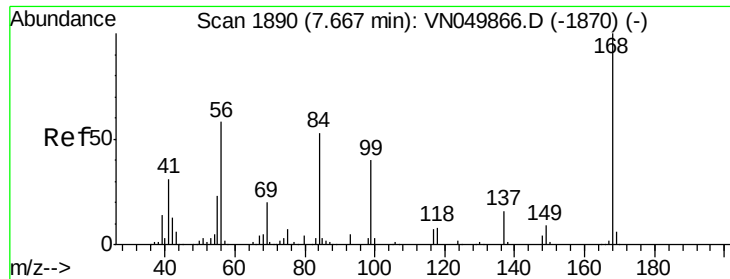
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jul 18 13:09:48 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049874.D

Acq: 18 Jul 2018 15:53

Instrument :

MSVOA_N

ClientSampleId :

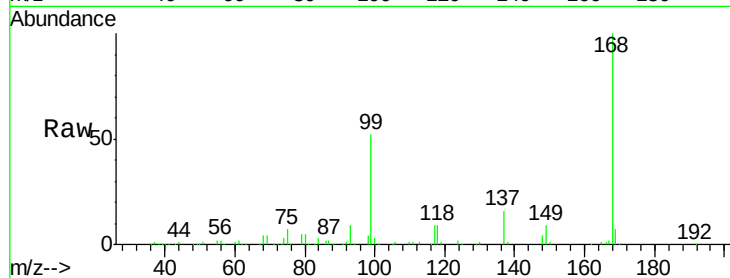
PB111206ZHE#08

Tot Ion:168 Resp: 577929

Ion Ratio Lower Upper

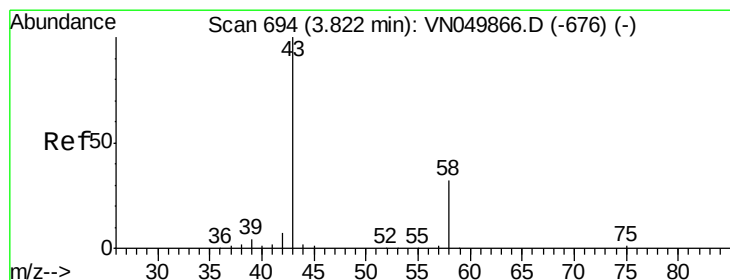
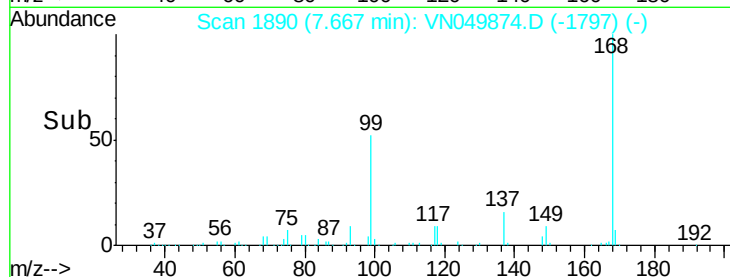
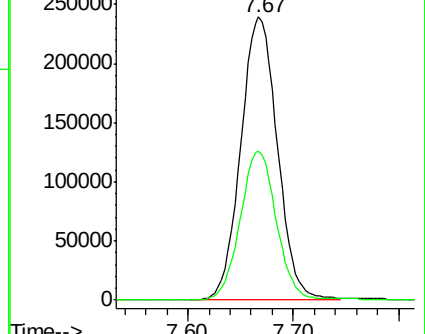
168 100

99 52.5 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 11.89 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049874.D

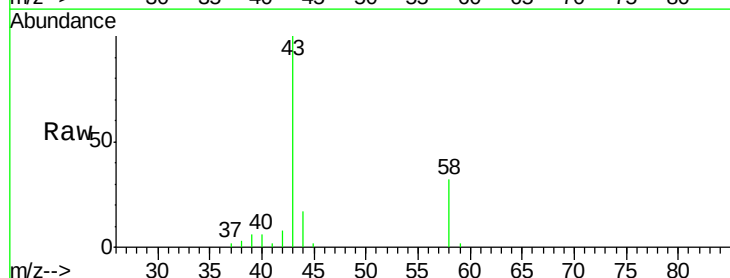
Acq: 18 Jul 2018 15:53

Tgt Ion: 43 Resp: 24451

Ion Ratio Lower Upper

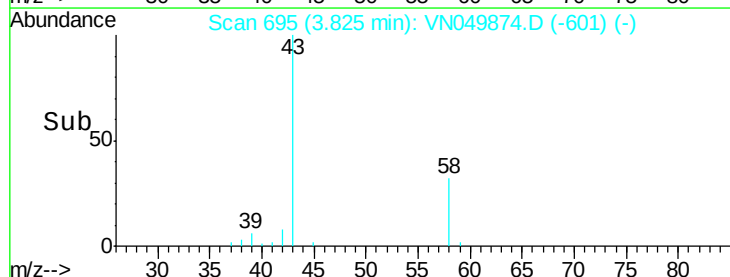
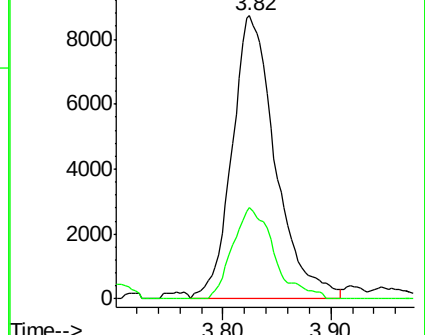
43 100

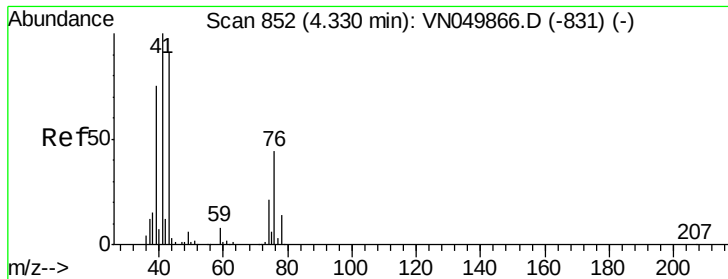
58 32.2 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#18

Methvl Acetate

Concen: 1.16 ug/l

RT: 4.34 min Scan# 854

Delta R.T. 0.01 min

Lab File: VN049874.D

Acq: 18 Jul 2018 15:53

Instrument :

MSVOA_N

ClientSampleId :

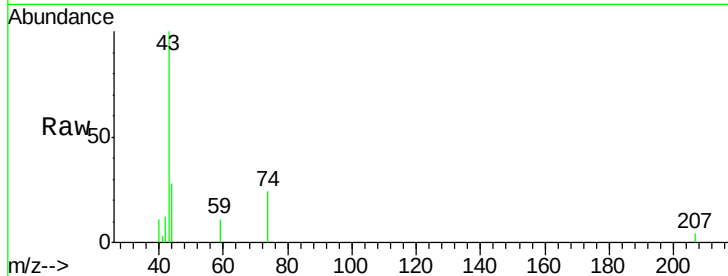
PB111206ZHE#08

Tot Ion: 43 Resp: 12715

Ion Ratio Lower Upper

43 100

74 24.7 19.8 29.8

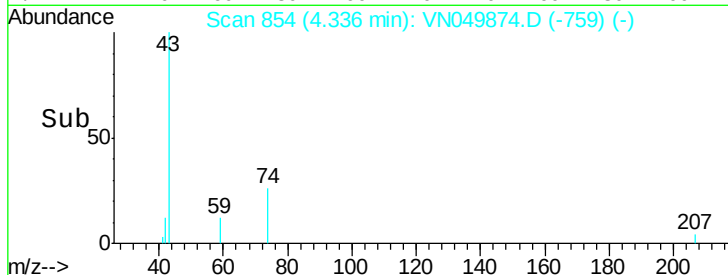


Abundance Ion 43.00 (42.70 to 43.70): VN049866.D (-831) (-)

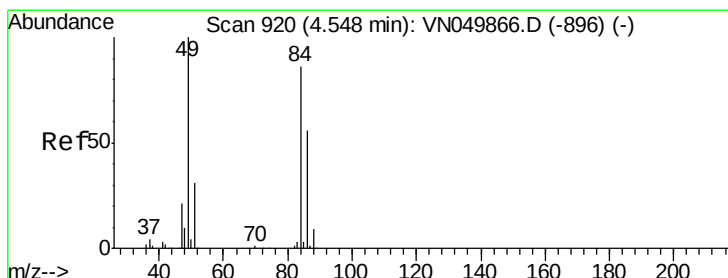
Ion 74.00 (73.70 to 74.70): VN049866.D (-831) (-)

4.34

4.25 4.30 4.35 4.40



Time-->



#20

Methylene Chloride

Concen: 1.69 ug/l

RT: 4.55 min Scan# 921

Delta R.T. 0.00 min

Lab File: VN049874.D

Acq: 18 Jul 2018 15:53

Tgt Ion: 84 Resp: 13209

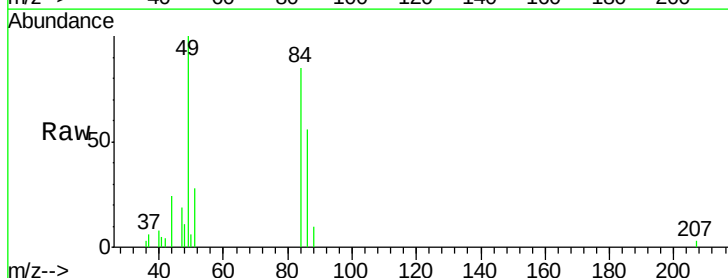
Ion Ratio Lower Upper

84 100

49 118.3 95.4 143.2

51 33.4 28.4 42.6

86 66.3 52.6 79.0



Abundance Ion 83.90 (83.60 to 84.60): VN049866.D (-896) (-)

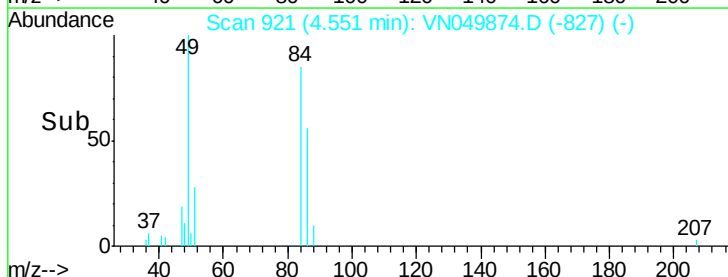
Ion 48.90 (48.60 to 49.60): VN049866.D (-896) (-)

Ion 50.90 (50.60 to 51.60): VN049866.D (-896) (-)

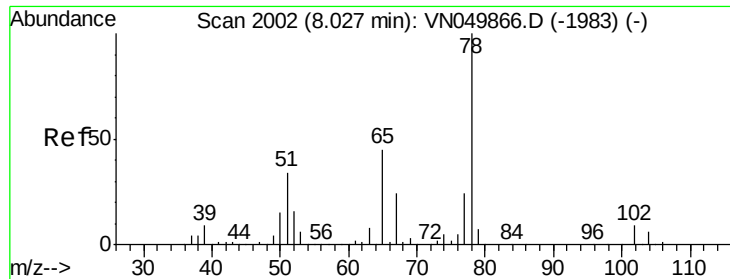
Ion 85.90 (85.60 to 86.60): VN049866.D (-896) (-)

4.55

4.45 4.50 4.55 4.60 4.65



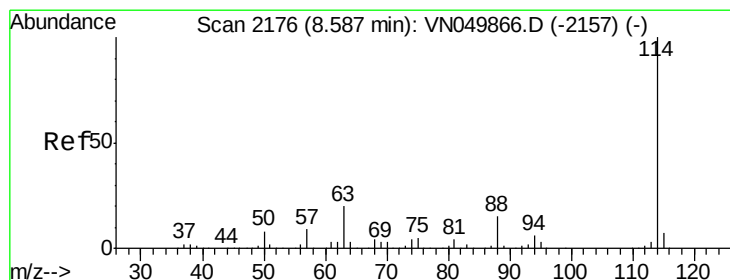
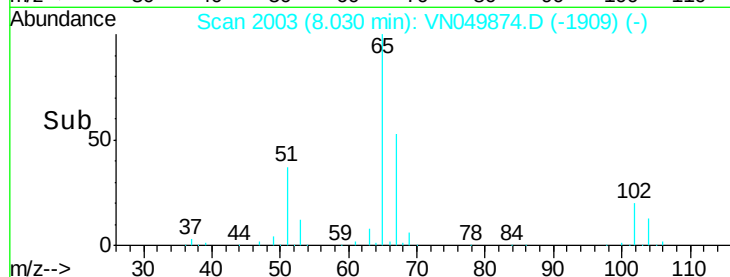
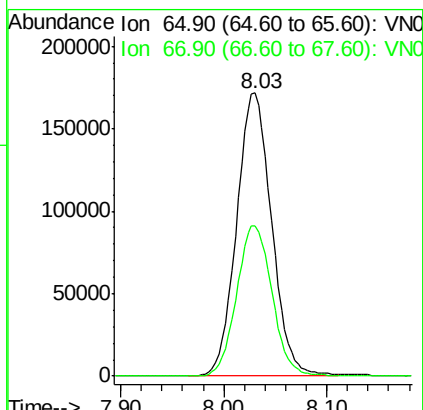
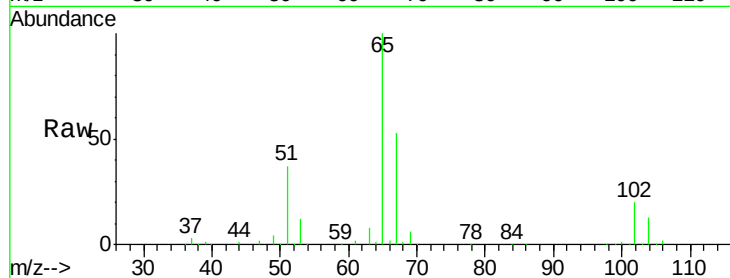
Time-->



#33
 1,2-Dichloroethane-d4
 Concen: 51.07 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049874.D
 Acq: 18 Jul 2018 15:53

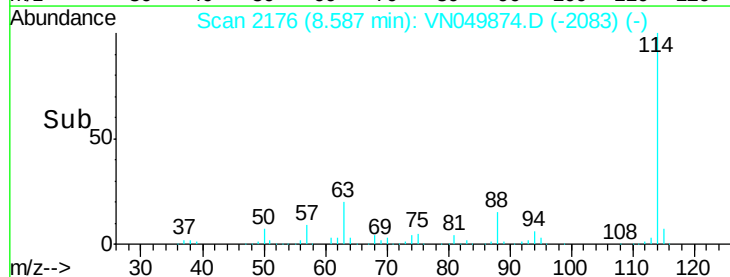
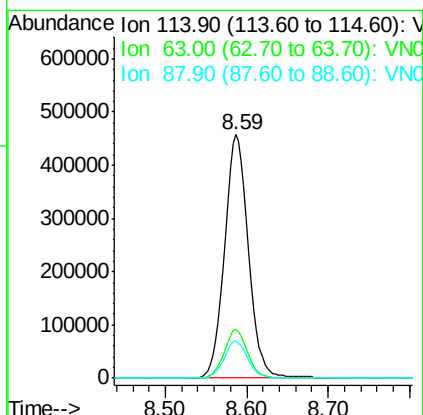
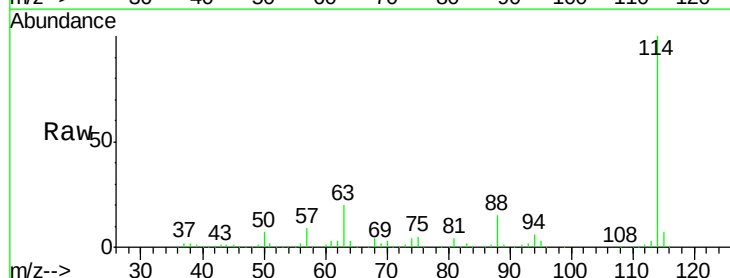
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111206ZHE#08

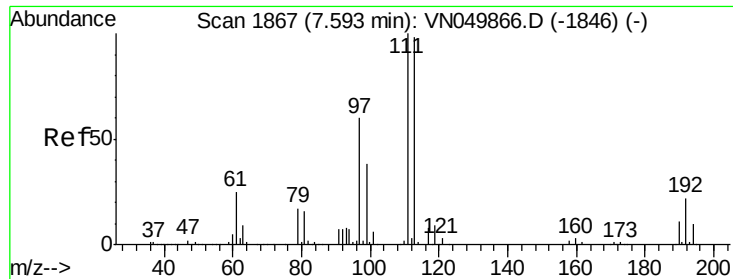
Tot Ion: 65 Resp: 405641
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049874.D
 Acq: 18 Jul 2018 15:53

Tgt Ion: 114 Resp: 945832
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.8
 88 15.2 0.0 30.6

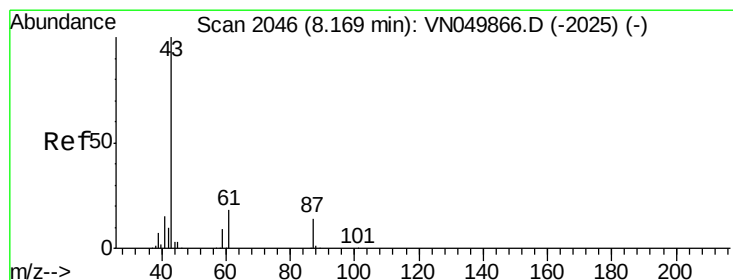
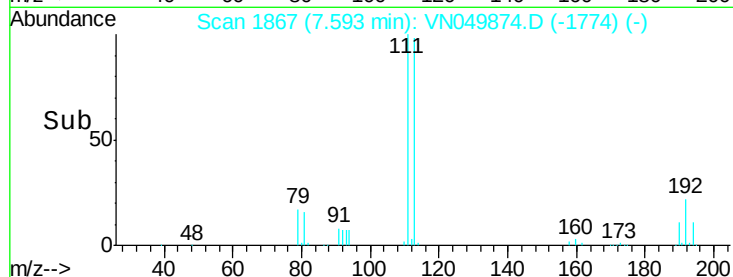
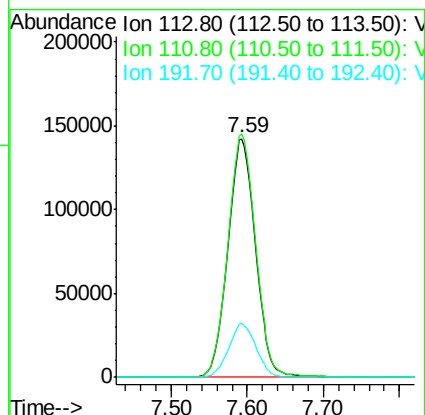
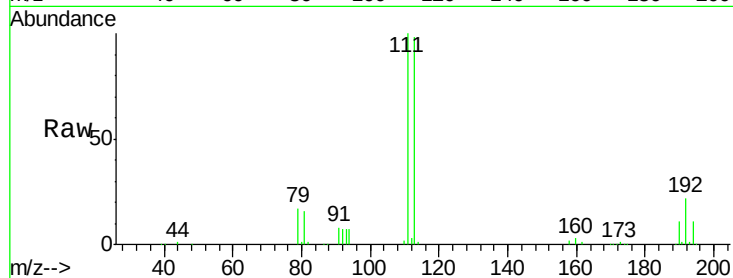




#35
 Dibromofluoromethane
 Concen: 45.49 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049874.D
 Acq: 18 Jul 2018 15:53

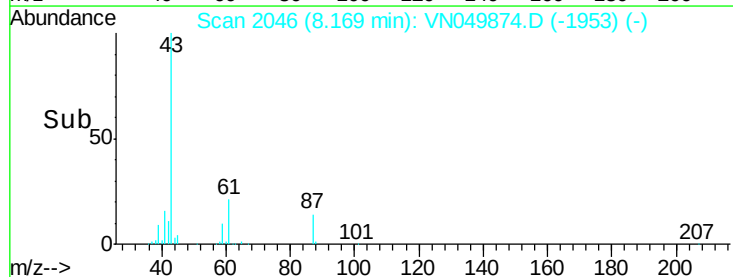
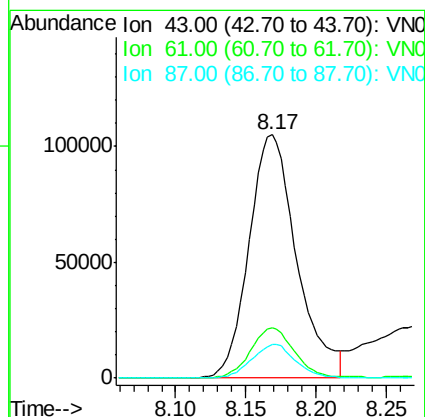
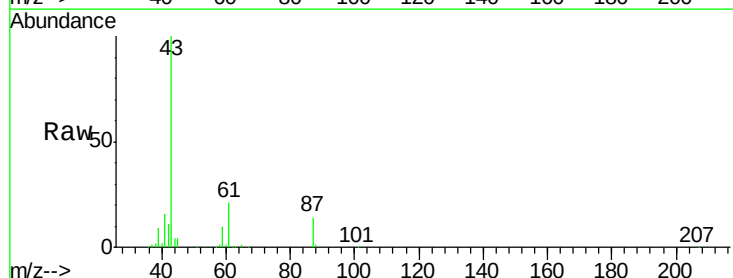
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111206ZHE#08

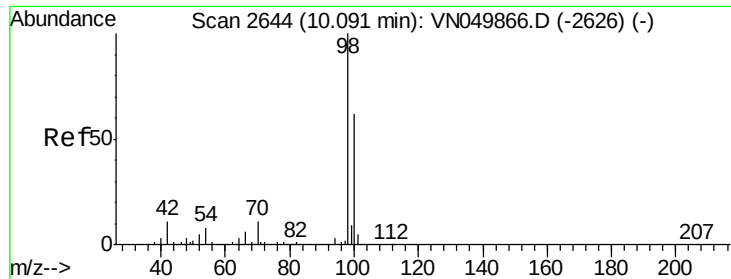
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.8	122.8
192	22.2	17.8	26.6



#43
 Isopropyl Acetate
 Concen: 19.67 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN049874.D
 Acq: 18 Jul 2018 15:53

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.1	14.9	22.3
87	12.8	10.0	15.0





#50

Toluene-d8

Concen: 44.31 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049874.D

Acq: 18 Jul 2018 15:53

Instrument :

MSVOA_N

ClientSampleId :

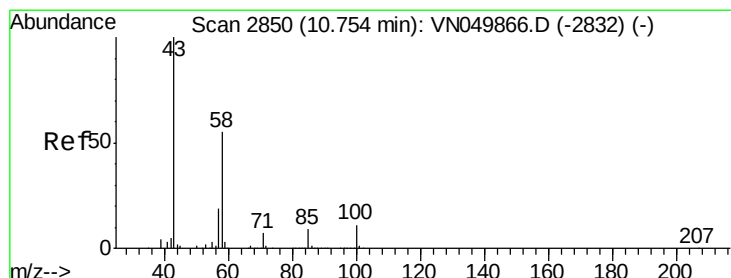
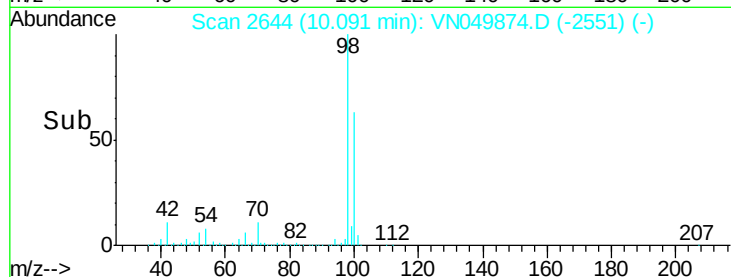
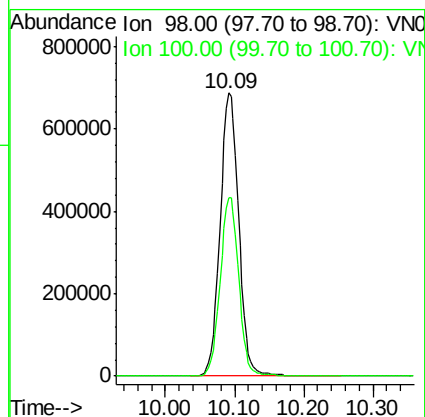
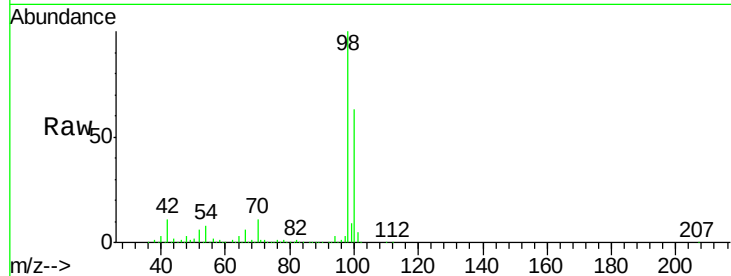
PB111206ZHE#08

Tot Ion: 98 Resp: 1281857

Ion Ratio Lower Upper

98 100

100 62.9 51.7 77.5



#59

2-Hexanone

Concen: 4.55 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN049874.D

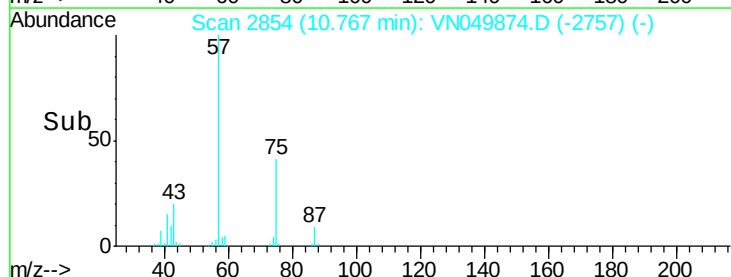
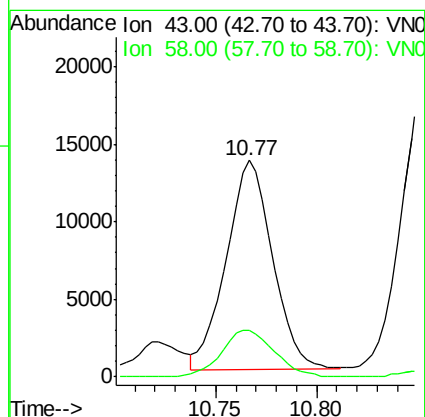
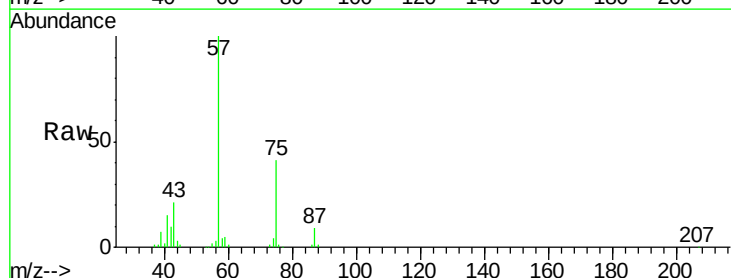
Acq: 18 Jul 2018 15:53

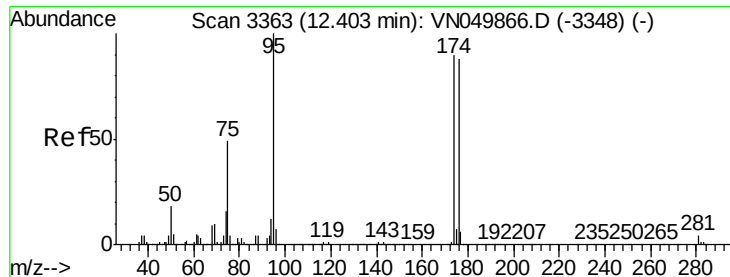
Tgt Ion: 43 Resp: 21577

Ion Ratio Lower Upper

43 100

58 25.3 27.8 83.4#





#62

4-Bromofluorobenzene

Concen: 35.43 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049874.D

Acq: 18 Jul 2018 15:53

Instrument :

MSVOA_N

ClientSampleId :

PB111206ZHE#08

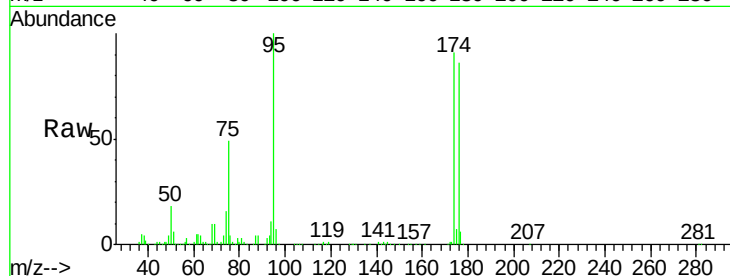
Tot Ion: 95 Resp: 352974

Ion Ratio Lower Upper

95 100

174 91.9 0.0 179.6

176 87.3 0.0 174.0

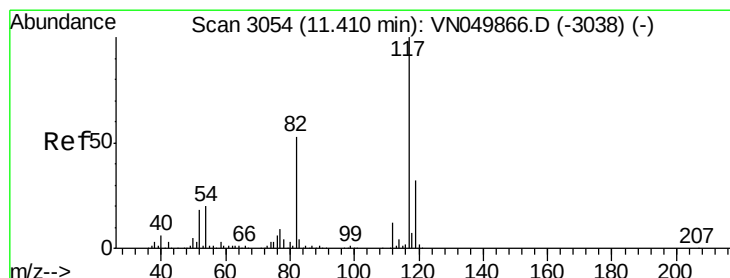
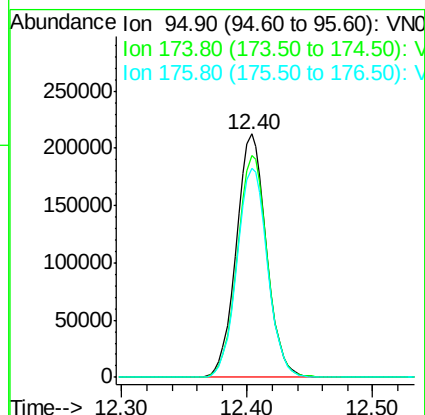
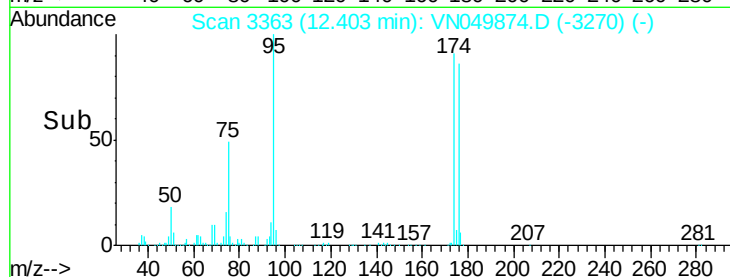


Abundance Ion 94.90 (94.60 to 95.60): VN049866.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN049866.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN049866.D (-3348) (-)

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049874.D

Acq: 18 Jul 2018 15:53

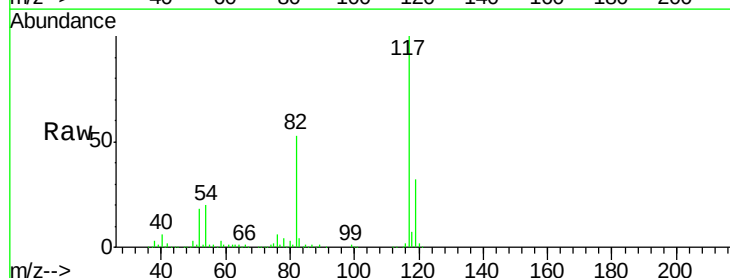
Tgt Ion: 117 Resp: 803889

Ion Ratio Lower Upper

117 100

82 53.0 41.9 62.9

119 31.6 25.4 38.2

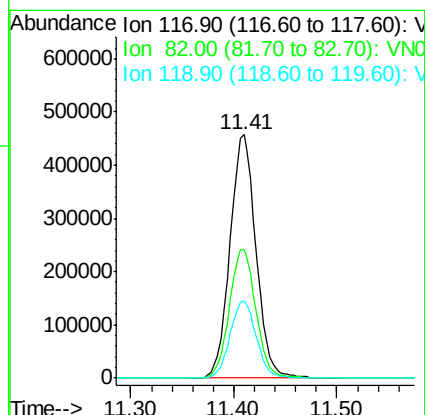
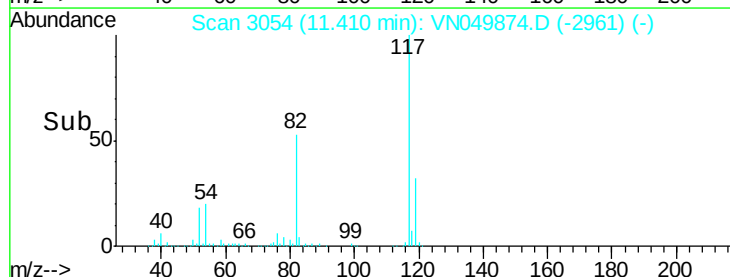


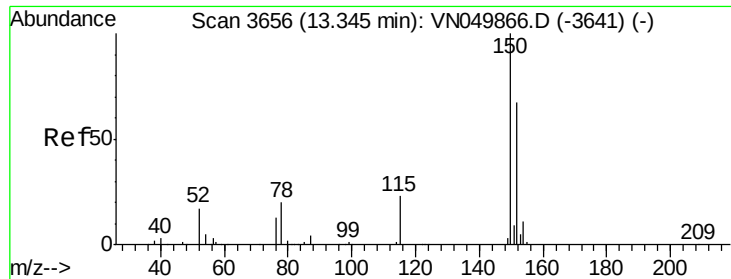
Abundance Ion 116.90 (116.60 to 117.60): VN049866.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN049866.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN049866.D (-3038) (-)

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049874.D

Acq: 18 Jul 2018 15:53

Instrument :

MSVOA_N

ClientSampleId :

PB111206ZHE#08

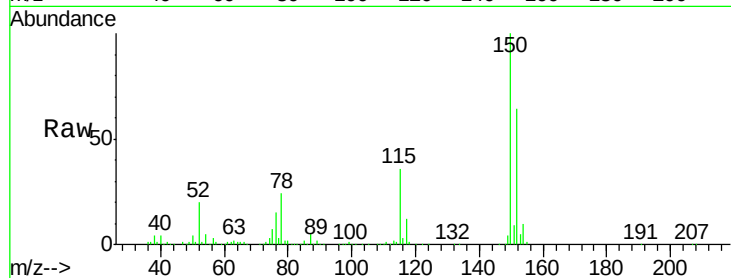
Tot Ion:152 Resp: 296714

Ion Ratio Lower Upper

152 100

115 56.3 28.1 84.2

150 156.6 0.0 347.6



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

