

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071818\
 Data File : VN049881.D
 Acq On : 18 Jul 2018 18:55
 Operator : MD\SY
 Sample : PB111206ZHE#13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111206ZHE#13

Quant Time: Jul 19 05:09:45 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	568648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	946514	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	798533	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	292386	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	413480	52.90	ug/l	0.00
Spiked Amount						
			Recovery	=	105.80%	
35) Dibromofluoromethane	7.59	113	358890	45.17	ug/l	0.00
Spiked Amount						
			Recovery	=	90.34%	
50) Toluene-d8	10.09	98	1270834	43.90	ug/l	0.00
Spiked Amount						
			Recovery	=	87.80%	
62) 4-Bromofluorobenzene	12.40	95	347159	34.82	ug/l	0.00
Spiked Amount						
			Recovery	=	69.64%	

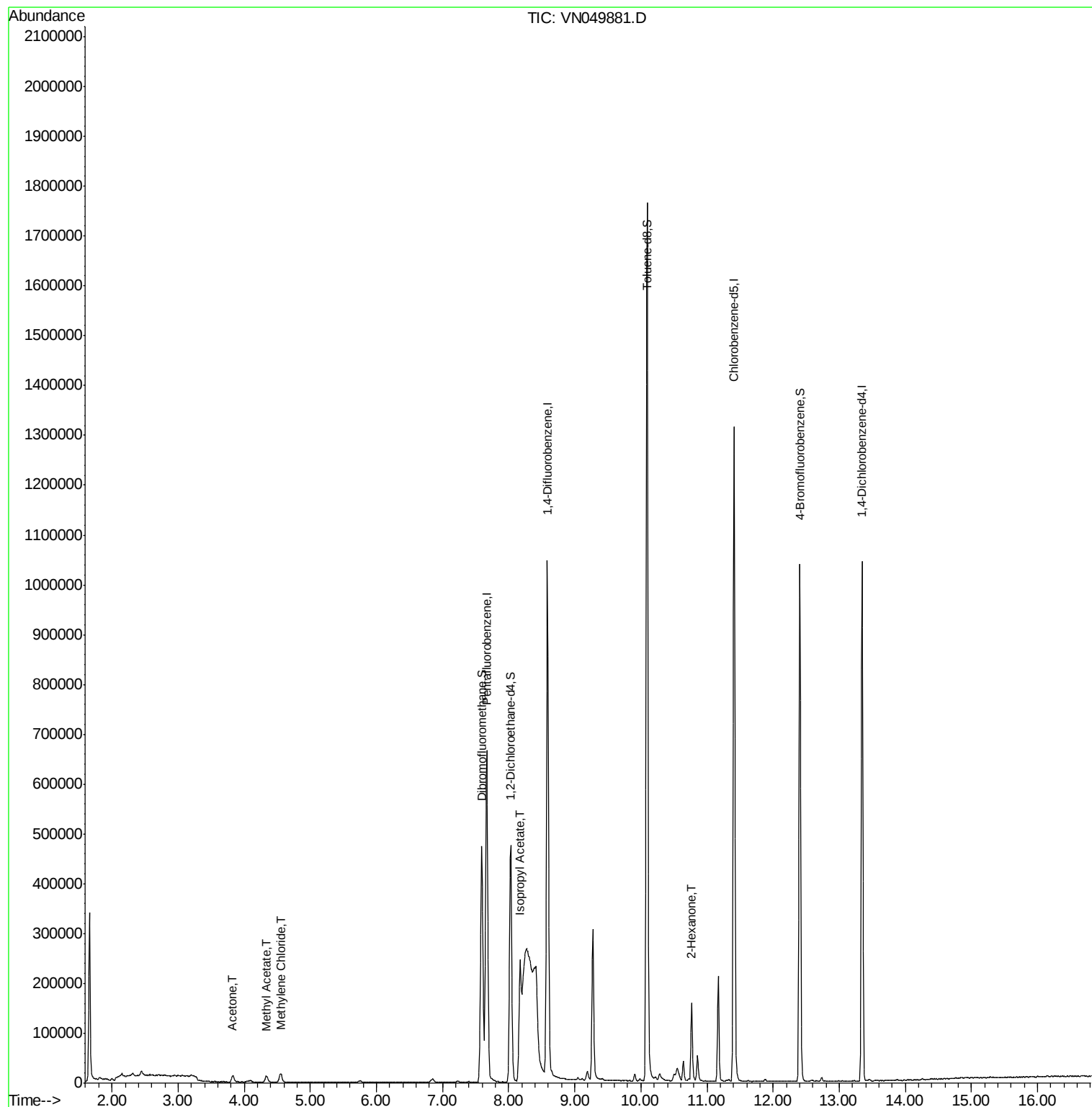
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	22506	11.12	ug/l	100
18) Methyl Acetate	4.34	43	23254	2.88	ug/l	100
20) Methylene Chloride	4.55	84	13391	1.74	ug/l	95
43) Isopropyl Acetate	8.17	43	290381	23.00	ug/l	97
59) 2-Hexanone	10.77	43	21643	4.57	ug/l #	58

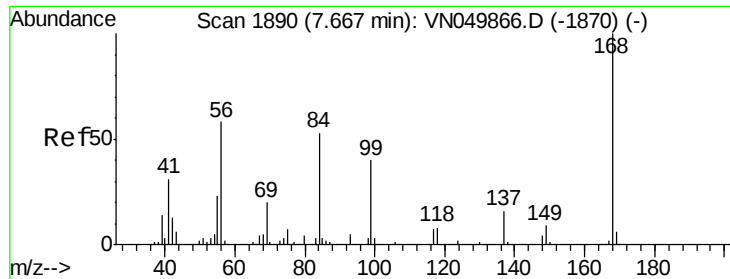
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN049881.D

Acq: 18 Jul 2018 18:55

Instrument :

MSVOA_N

ClientSampleId :

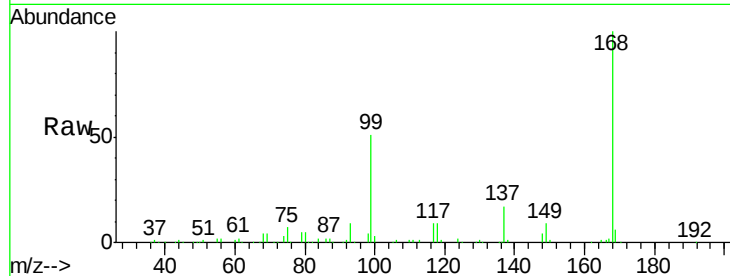
PB111206ZHE#13

Tot Ion:168 Resp: 568648

Ion Ratio Lower Upper

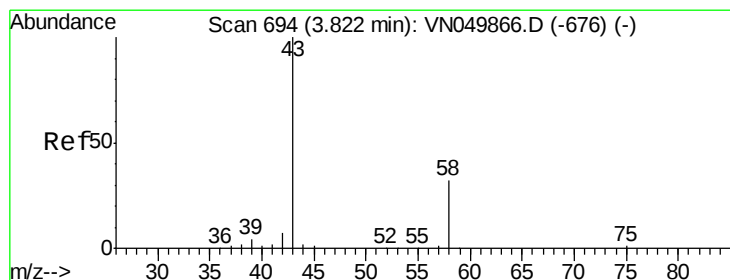
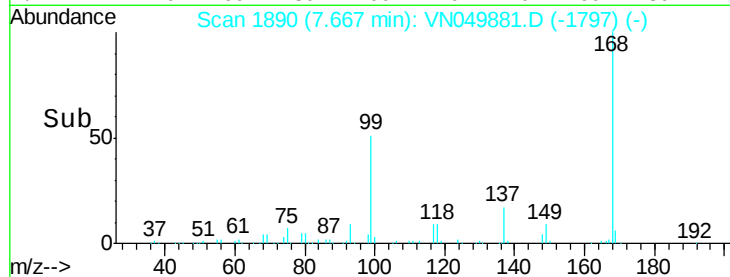
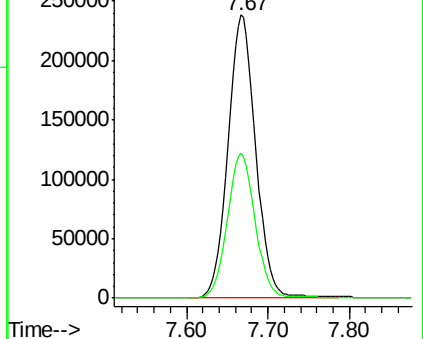
168 100

99 51.2 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: 11.12 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049881.D

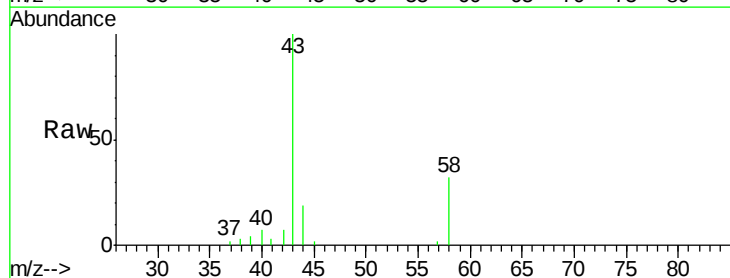
Acq: 18 Jul 2018 18:55

Tgt Ion: 43 Resp: 22506

Ion Ratio Lower Upper

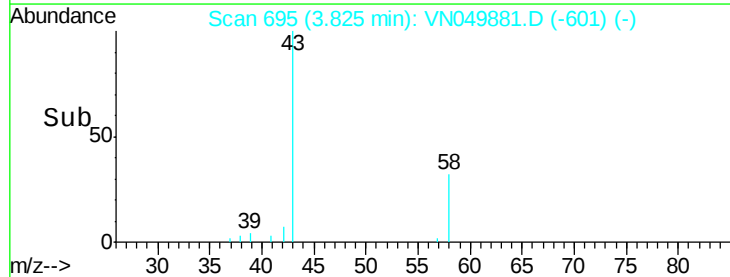
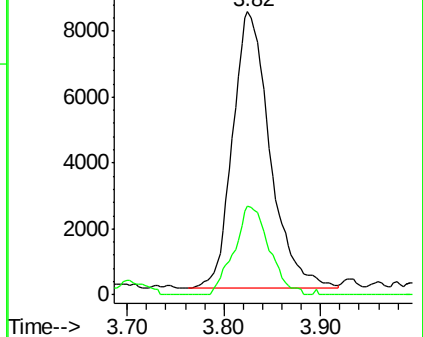
43 100

58 32.3 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

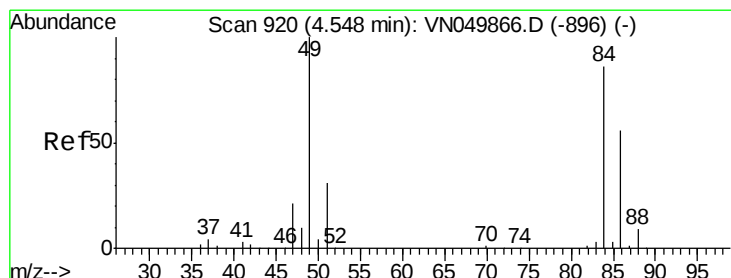
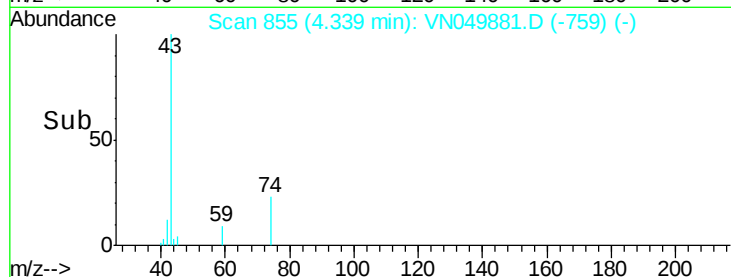
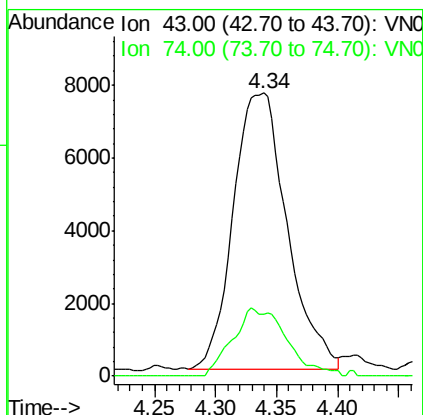
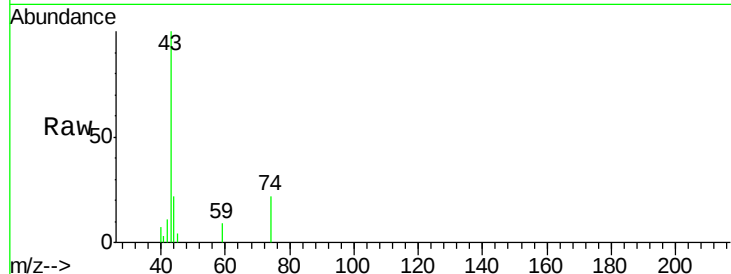




#18
Methvl Acetate
Concen: 2.88 ug/l
RT: 4.34 min Scan# 855
Delta R.T. 0.01 min
Lab File: VN049881.D
Acq: 18 Jul 2018 18:55

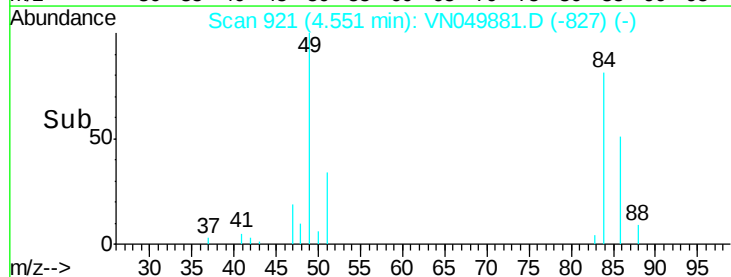
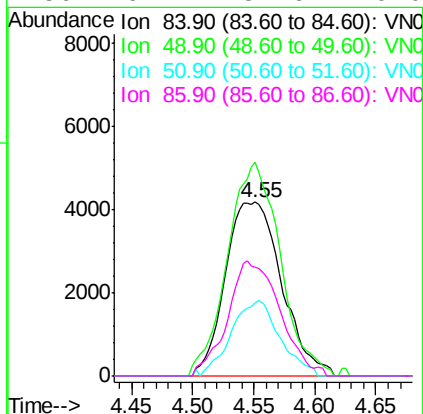
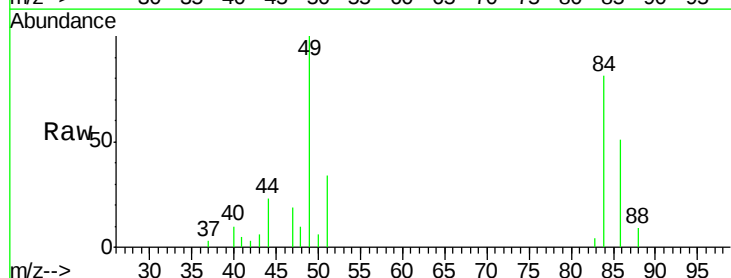
Instrument :
MSVOA_N
ClientSampleId :
PB111206ZHE#13

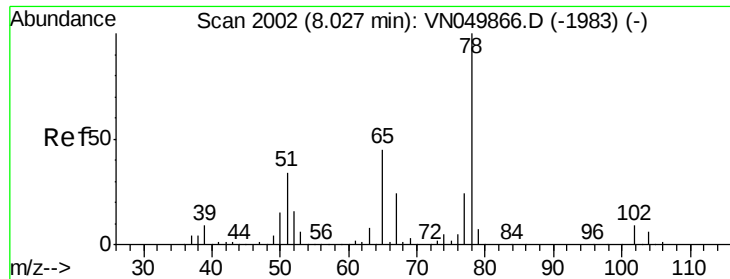
Tot Ion: 43 Resp: 23254
Ion Ratio Lower Upper
43 100
74 24.8 19.8 29.8



#20
Methylene Chloride
Concen: 1.74 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049881.D
Acq: 18 Jul 2018 18:55

Tgt Ion: 84 Resp: 13391
Ion Ratio Lower Upper
84 100
49 123.1 95.4 143.2
51 42.2 28.4 42.6
86 62.7 52.6 79.0

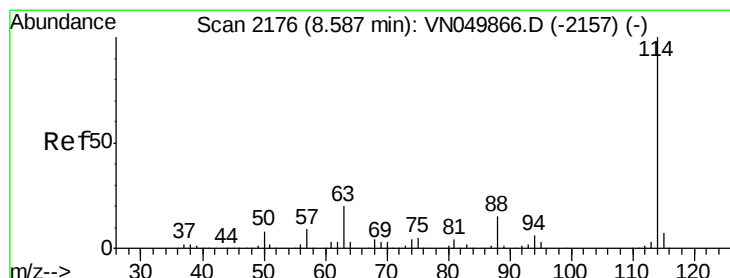
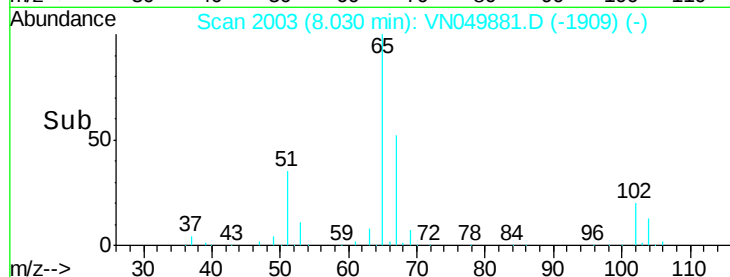
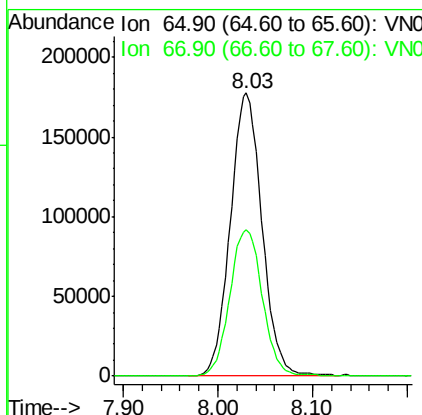
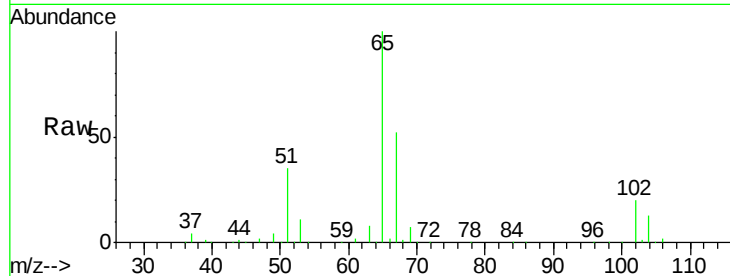




#33
 1,2-Dichloroethane-d4
 Concen: 52.90 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049881.D
 Acq: 18 Jul 2018 18:55

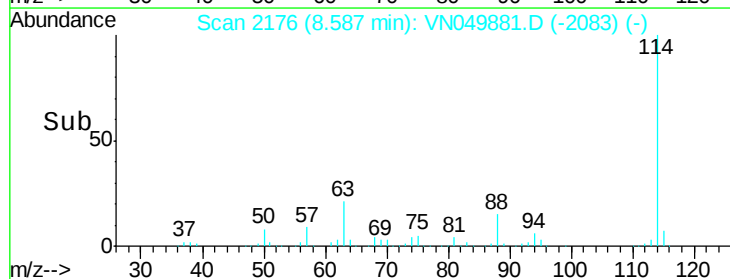
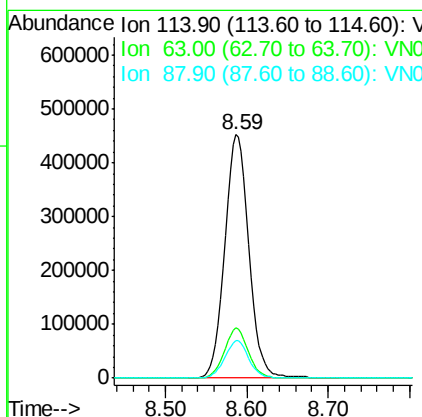
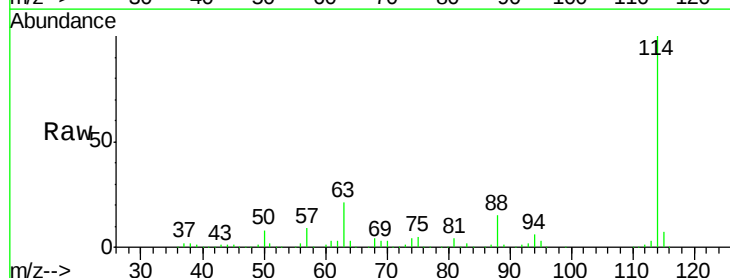
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111206ZHE#13

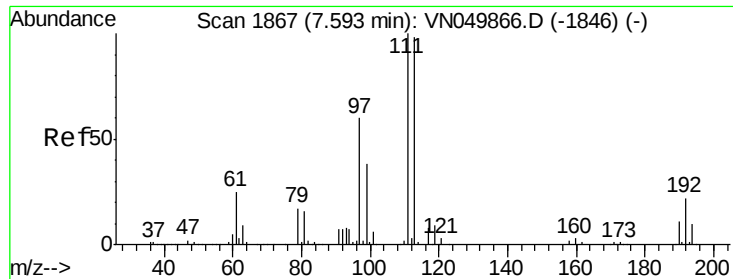
Tot Ion: 65 Resp: 413480
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN049881.D
 Acq: 18 Jul 2018 18:55

Tgt Ion: 114 Resp: 946514
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.8
 88 15.4 0.0 30.6

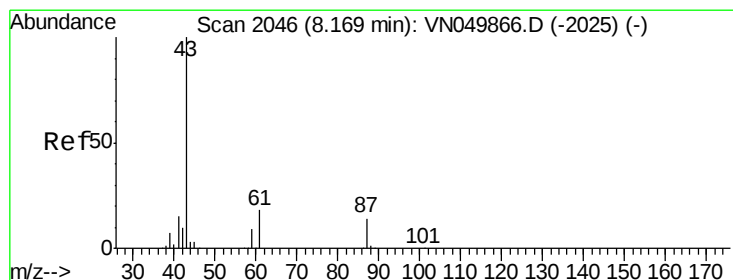
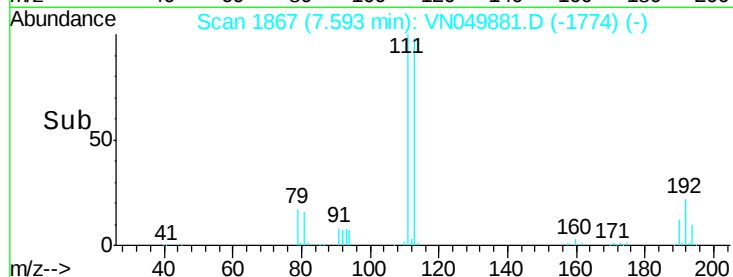
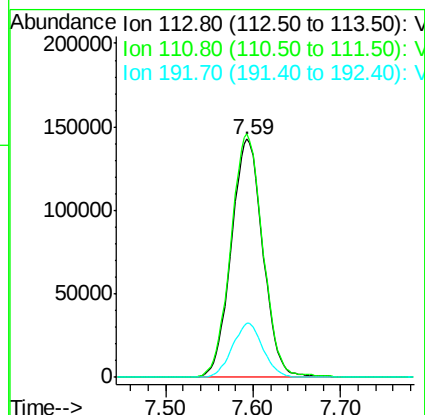
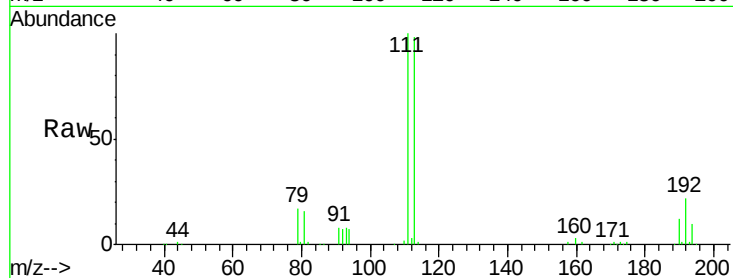




#35
Dibromofluoromethane
Concen: 45.17 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN049881.D
Acq: 18 Jul 2018 18:55

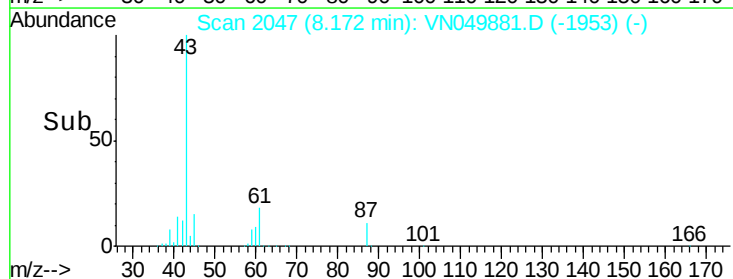
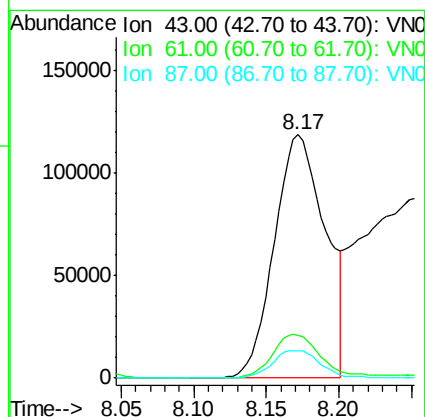
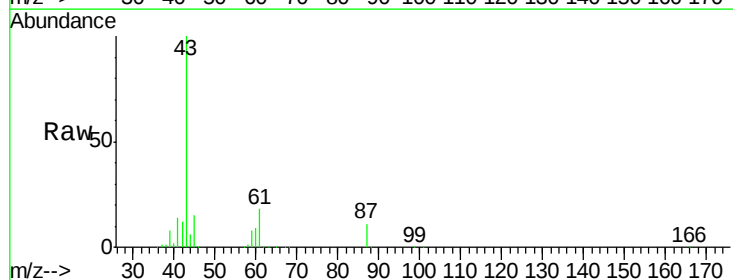
Instrument :
MSVOA_N
ClientSampleId :
PB111206ZHE#13

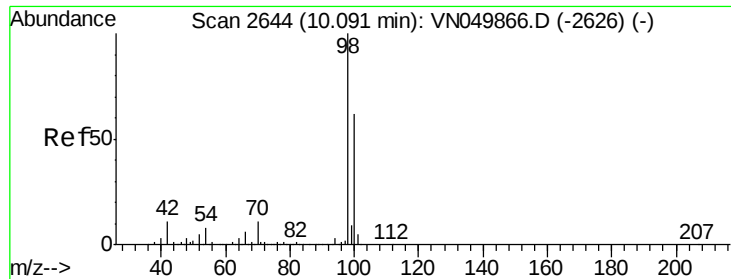
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.8	122.8
192	22.1	17.8	26.6



#43
Isopropyl Acetate
Concen: 23.00 ug/l
RT: 8.17 min Scan# 2047
Delta R.T. 0.00 min
Lab File: VN049881.D
Acq: 18 Jul 2018 18:55

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.5	14.9	22.3
87	10.6	10.0	15.0

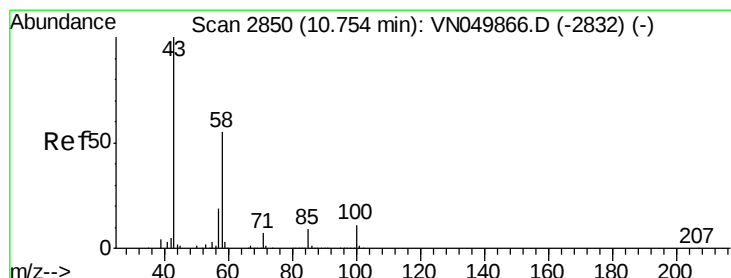
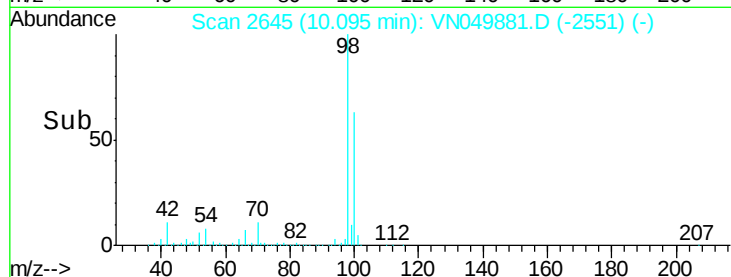
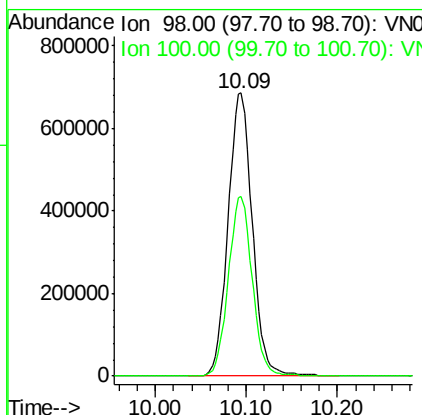
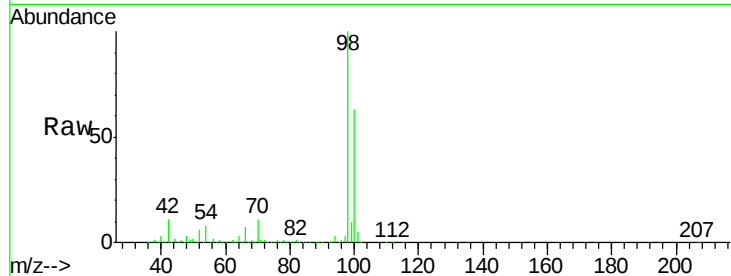




#50
Toluene-d8
Concen: 43.90 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049881.D
Acq: 18 Jul 2018 18:55

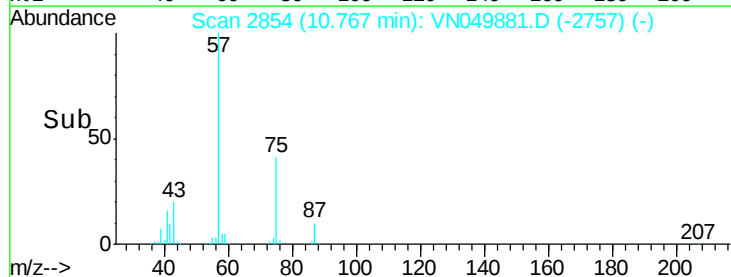
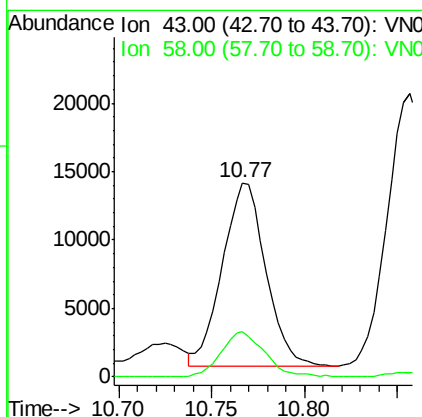
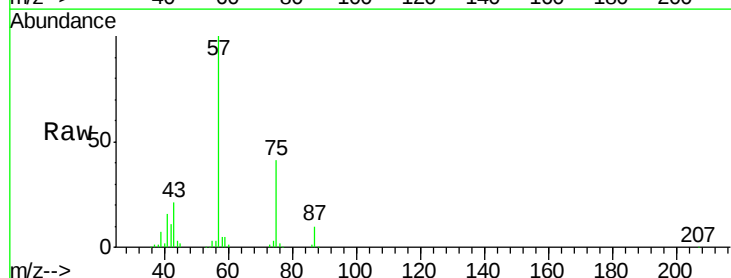
Instrument :
MSVOA_N
ClientSampleId :
PB111206ZHE#13

Tot Ion: 98 Resp: 1270834
Ion Ratio Lower Upper
98 100
100 62.8 51.7 77.5



#59
2-Hexanone
Concen: 4.57 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN049881.D
Acq: 18 Jul 2018 18:55

Tgt Ion: 43 Resp: 21643
Ion Ratio Lower Upper
43 100
58 24.9 27.8 83.4#





#62

4-Bromofluorobenzene

Concen: 34.82 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049881.D

Acq: 18 Jul 2018 18:55

Instrument :

MSVOA_N

ClientSampleId :

PB111206ZHE#13

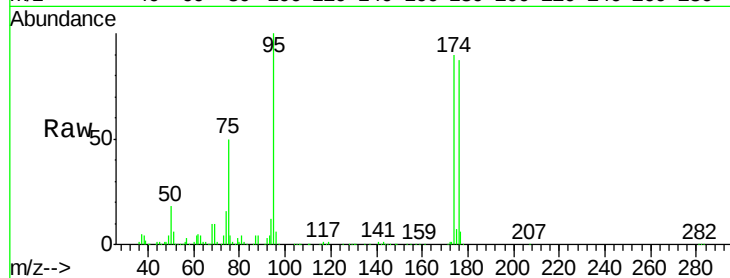
Tot Ion: 95 Resp: 347159

Ion Ratio Lower Upper

95 100

174 91.3 0.0 179.6

176 87.4 0.0 174.0

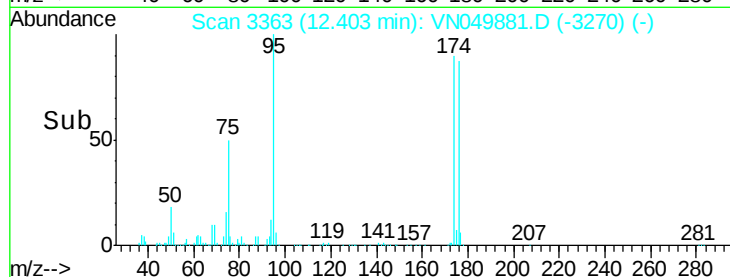


Abundance Ion 94.90 (94.60 to 95.60): VN049881.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049881.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049881.D (-3270) (-)

Time-->

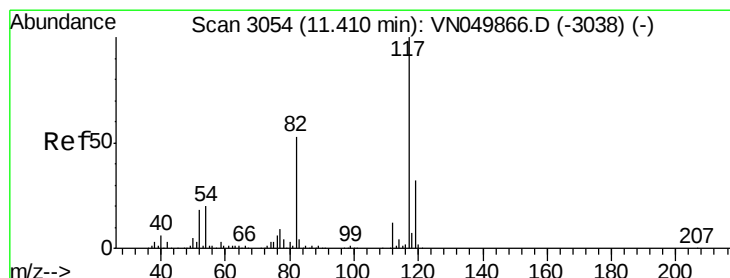


Abundance Ion 94.90 (94.60 to 95.60): VN049881.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049881.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049881.D (-3270) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049881.D

Acq: 18 Jul 2018 18:55

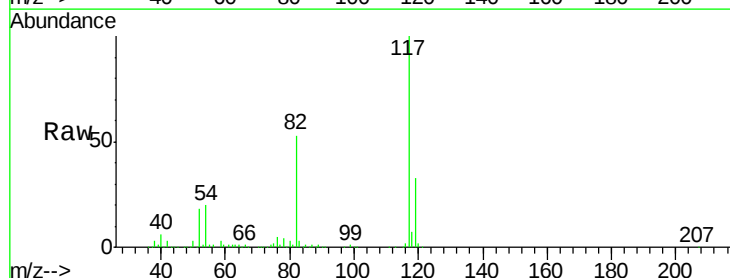
Tgt Ion: 117 Resp: 798533

Ion Ratio Lower Upper

117 100

82 53.2 41.9 62.9

119 32.5 25.4 38.2

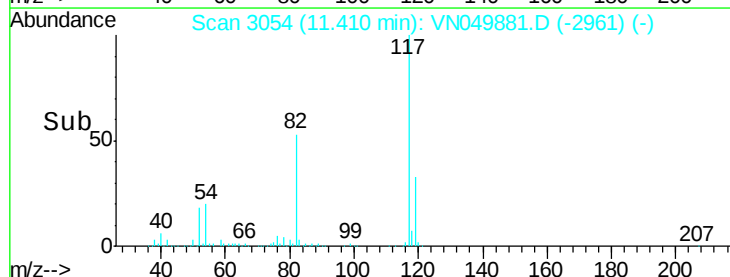


Abundance Ion 116.90 (116.60 to 117.60): VN049881.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049881.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049881.D (-2961) (-)

Time-->

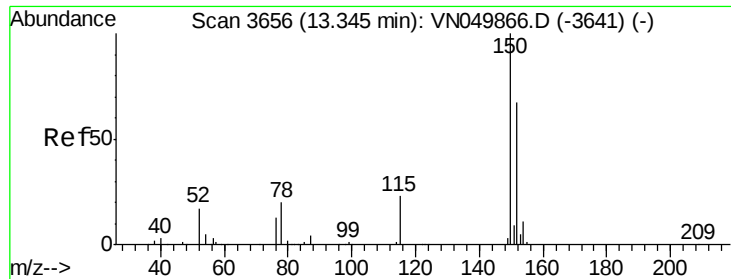


Abundance Ion 116.90 (116.60 to 117.60): VN049881.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049881.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049881.D (-2961) (-)

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: VN049881.D

Acq: 18 Jul 2018 18:55

Instrument :

MSVOA_N

ClientSampleId :

PB111206ZHE#13

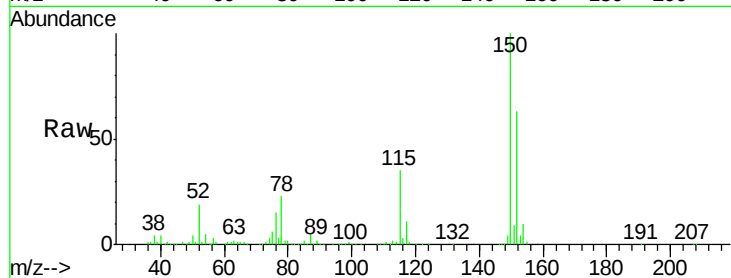
Tot Ion:152 Resp: 292386

Ion Ratio Lower Upper

152 100

115 55.8 28.1 84.2

150 157.4 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

