

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071818\
 Data File : VN049880.D
 Acq On : 18 Jul 2018 18:29
 Operator : MD\SY
 Sample : PB111206ZHE#12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111206ZHE#12

Quant Time: Jul 19 04:55:51 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	572461	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	958864	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	790886	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	280297	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	411993	52.36	ug/l	0.00
Spiked Amount			Recovery	=	104.72%	
35) Dibromofluoromethane	7.59	113	361957	44.97	ug/l	0.00
Spiked Amount			Recovery	=	89.94%	
50) Toluene-d8	10.09	98	1278303	43.58	ug/l	0.00
Spiked Amount			Recovery	=	87.16%	
62) 4-Bromofluorobenzene	12.40	95	341100	33.77	ug/l	0.00
Spiked Amount			Recovery	=	67.54%	

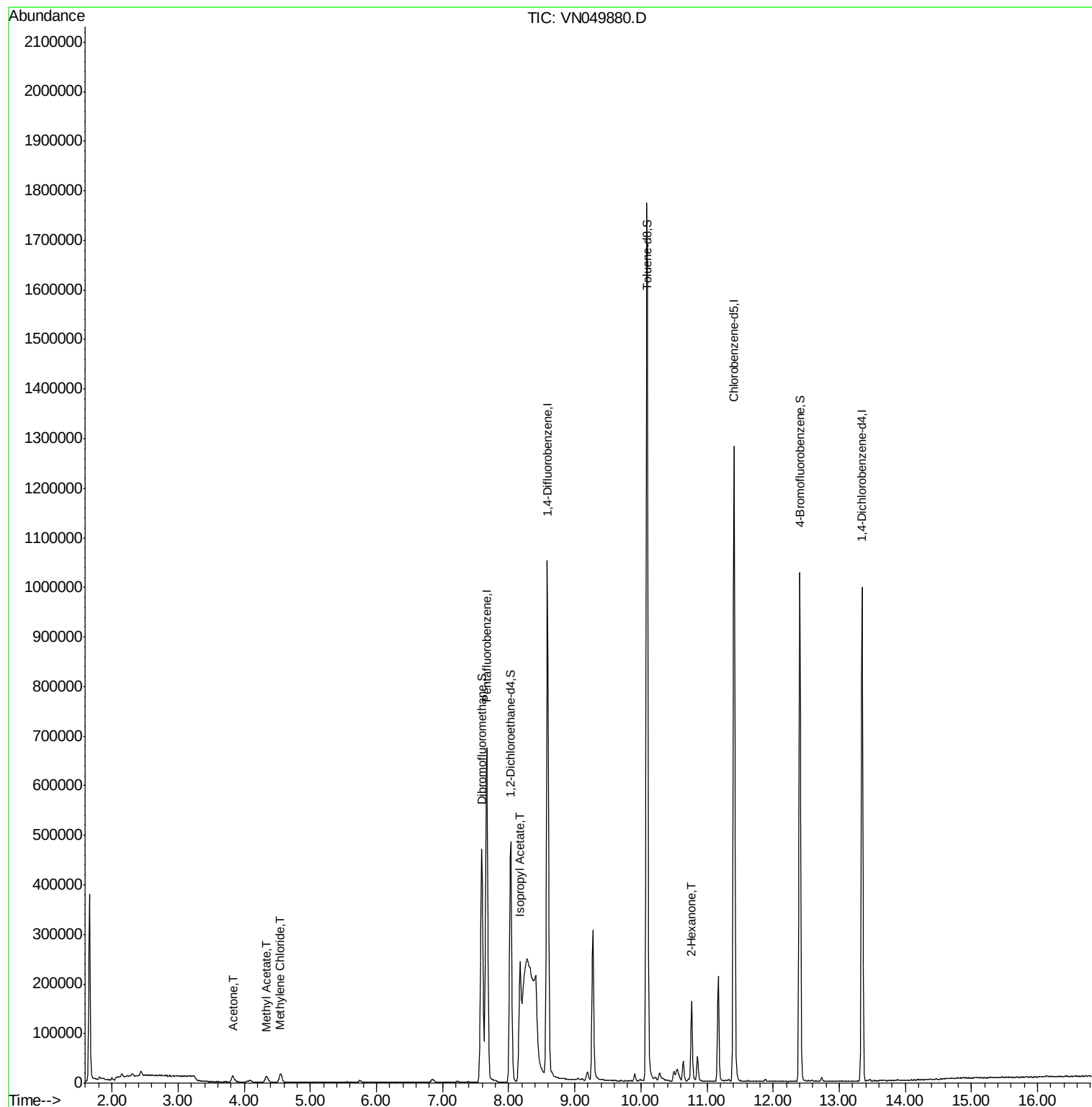
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	25055	12.30	ug/l	96
18) Methyl Acetate	4.34	43	23327	2.87	ug/l	97
20) Methylene Chloride	4.55	84	13585	1.75	ug/l #	82
43) Isopropyl Acetate	8.17	43	286904	22.43	ug/l	98
59) 2-Hexanone	10.77	43	22258	4.63	ug/l #	60

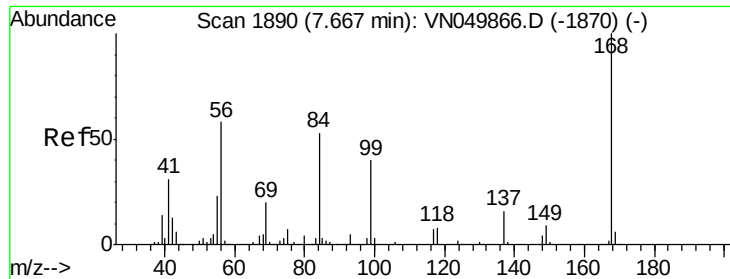
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN049880.D

Acq: 18 Jul 2018 18:29

Instrument :

MSVOA_N

ClientSampleId :

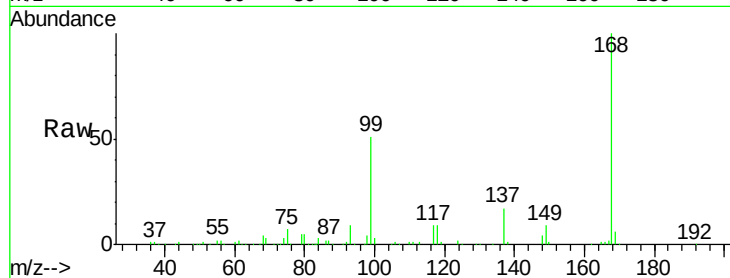
PB111206ZHE#12

Tot Ion:168 Resp: 572461

Ion Ratio Lower Upper

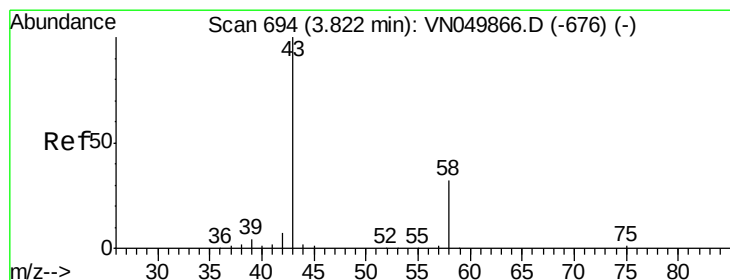
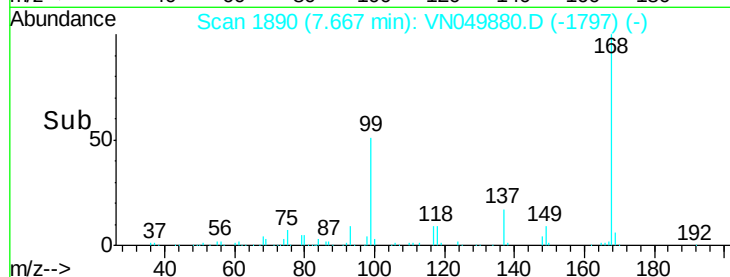
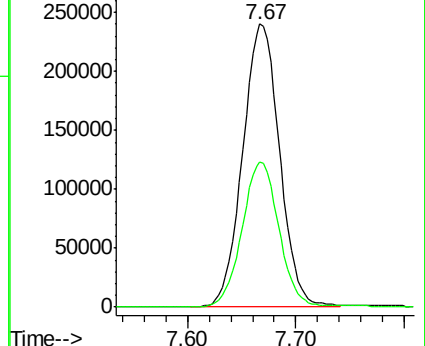
168 100

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: 12.30 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049880.D

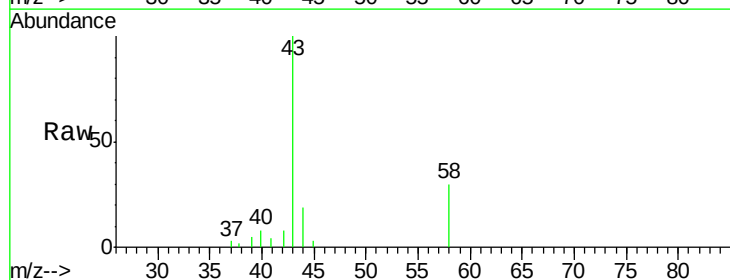
Acq: 18 Jul 2018 18:29

Tgt Ion: 43 Resp: 25055

Ion Ratio Lower Upper

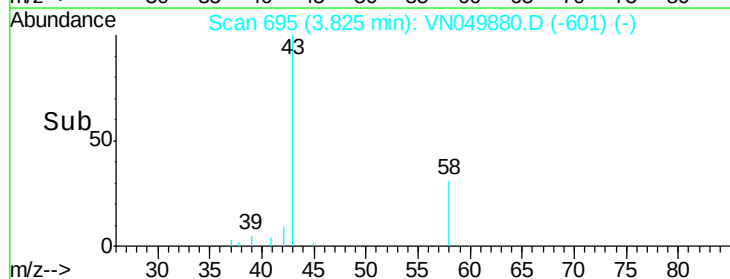
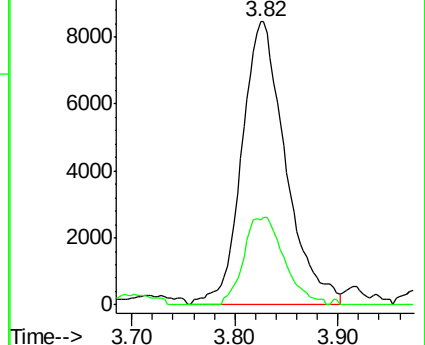
43 100

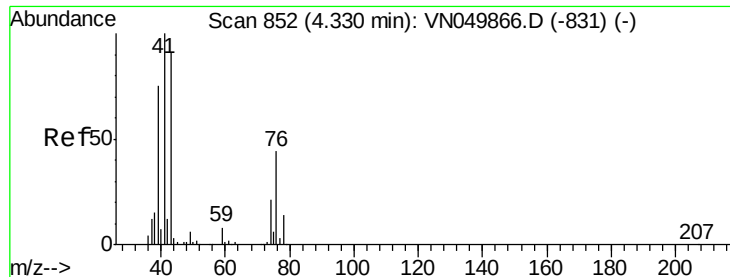
58 30.2 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

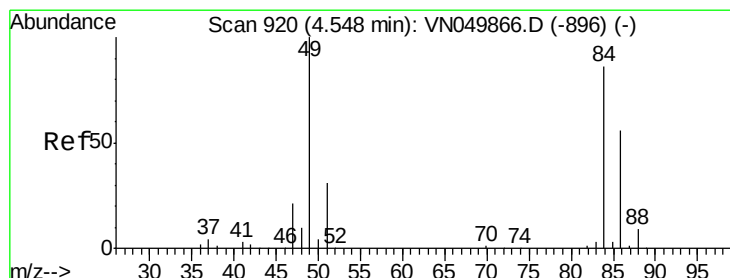
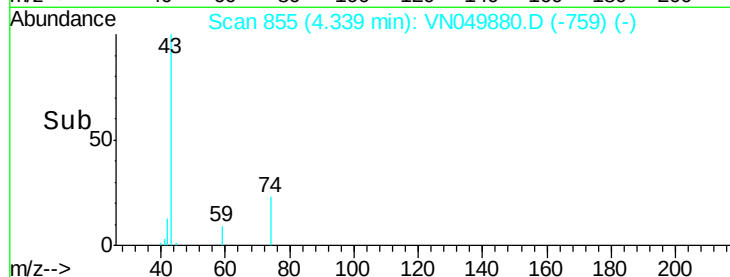
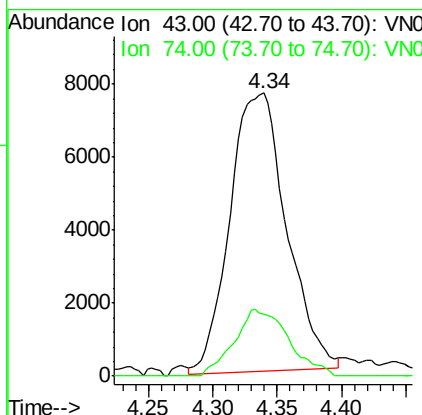
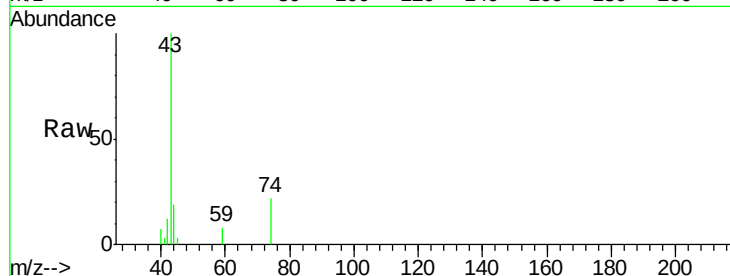




#18
Methvl Acetate
Concen: 2.87 ug/l
RT: 4.34 min Scan# 855
Delta R.T. 0.01 min
Lab File: VN049880.D
Acq: 18 Jul 2018 18:29

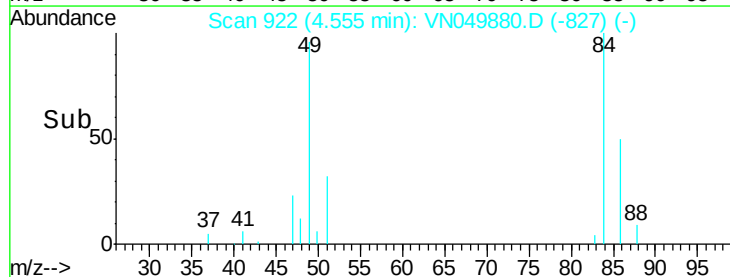
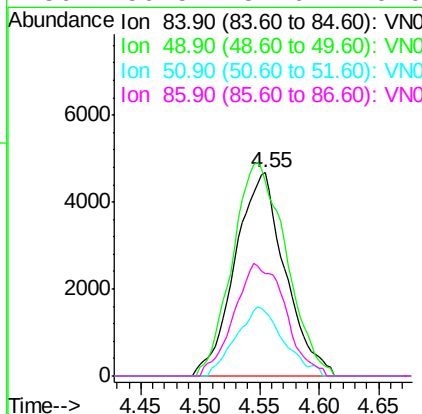
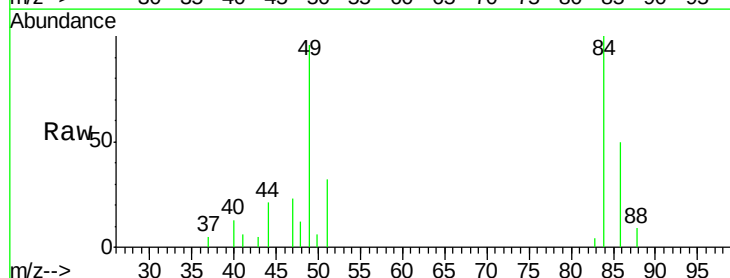
Instrument :
MSVOA_N
ClientSampleId :
PB111206ZHE#12

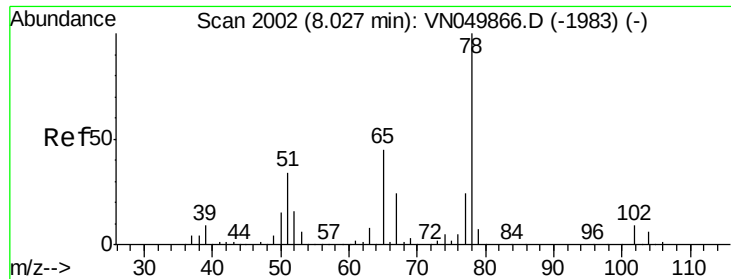
Tot Ion: 43 Resp: 23327
Ion Ratio Lower Upper
43 100
74 23.1 19.8 29.8



#20
Methylene Chloride
Concen: 1.75 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.01 min
Lab File: VN049880.D
Acq: 18 Jul 2018 18:29

Tgt Ion: 84 Resp: 13585
Ion Ratio Lower Upper
84 100
49 95.8 95.4 143.2
51 31.8 28.4 42.6
86 50.5 52.6 79.0#

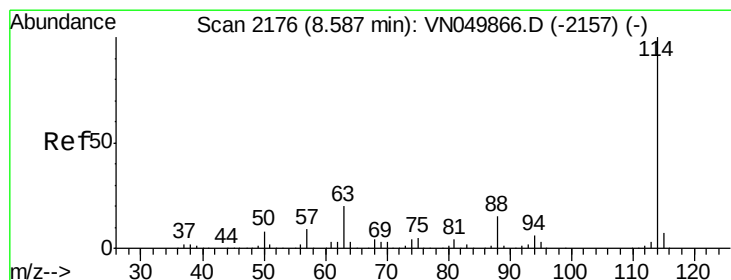
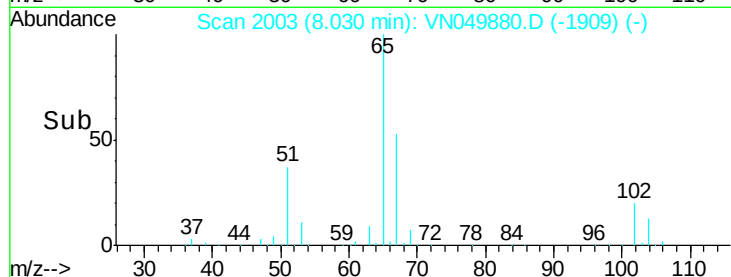
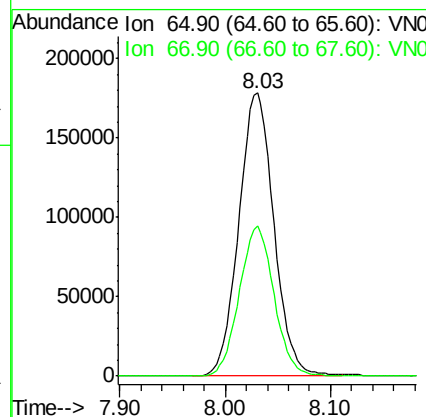
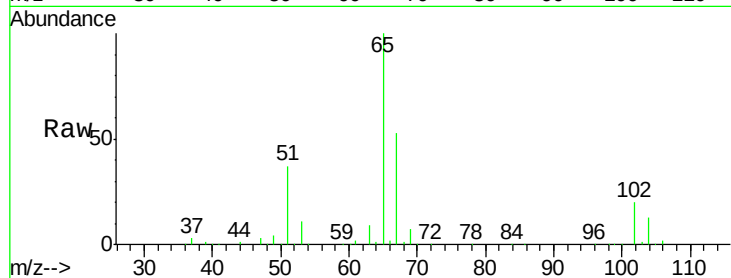




#33
 1,2-Dichloroethane-d4
 Concen: 52.36 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049880.D
 Acq: 18 Jul 2018 18:29

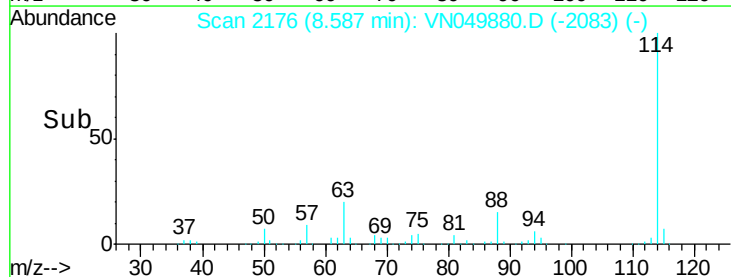
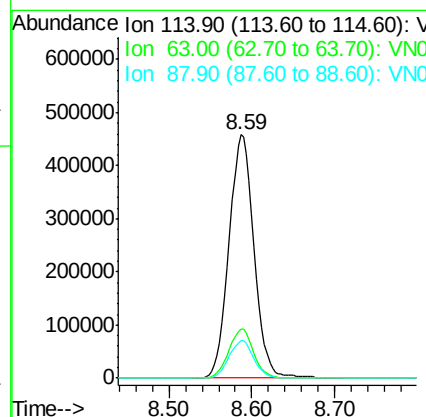
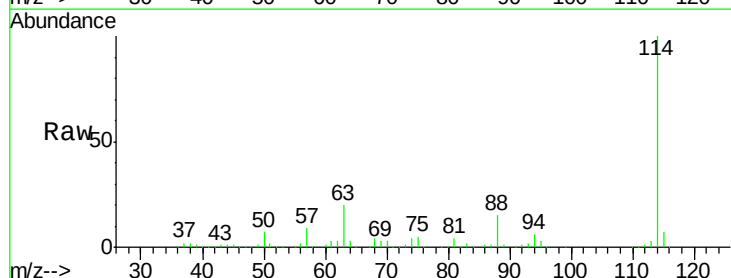
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111206ZHE#12

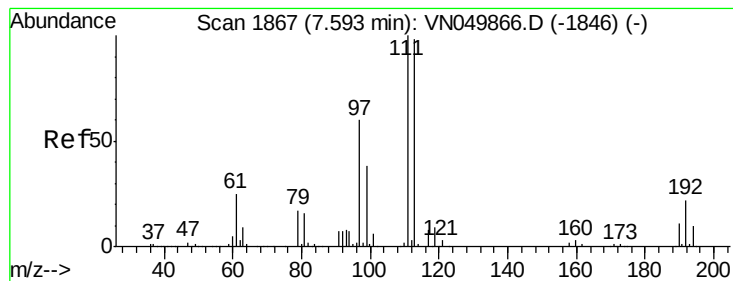
Tot Ion: 65 Resp: 411993
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049880.D
 Acq: 18 Jul 2018 18:29

Tgt Ion: 114 Resp: 958864
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.8
 88 15.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 44.97 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049880.D

Acq: 18 Jul 2018 18:29

Instrument :

MSVOA_N

ClientSampleId :

PB111206ZHE#12

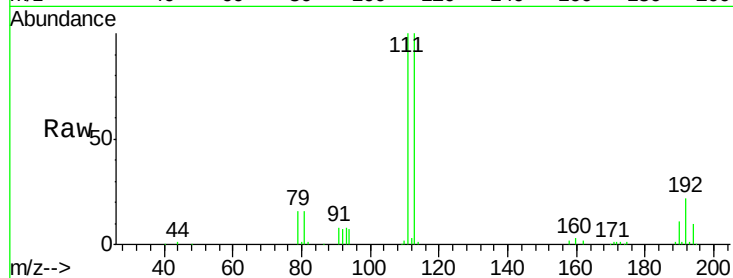
Tot Ion:113 Resp: 361957

Ion Ratio Lower Upper

113 100

111 101.8 81.8 122.8

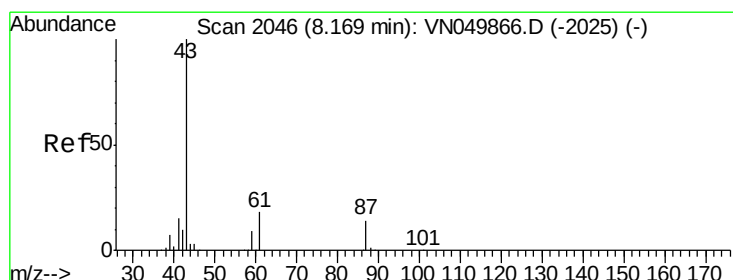
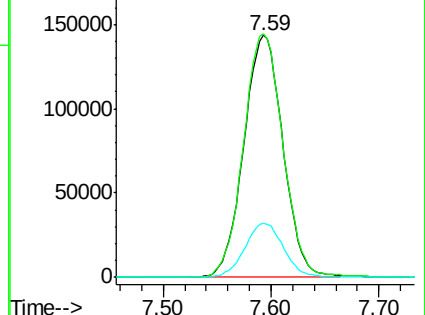
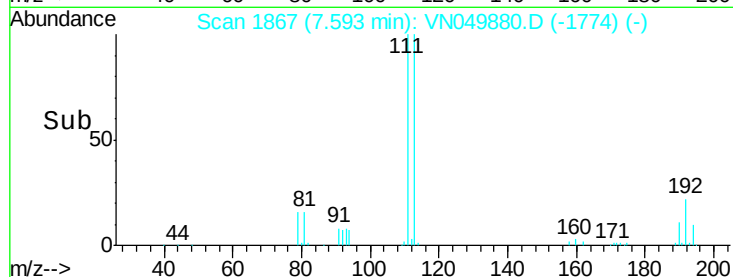
192 22.1 17.8 26.6



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: 22.43 ug/l

RT: 8.17 min Scan# 2047

Delta R.T. 0.00 min

Lab File: VN049880.D

Acq: 18 Jul 2018 18:29

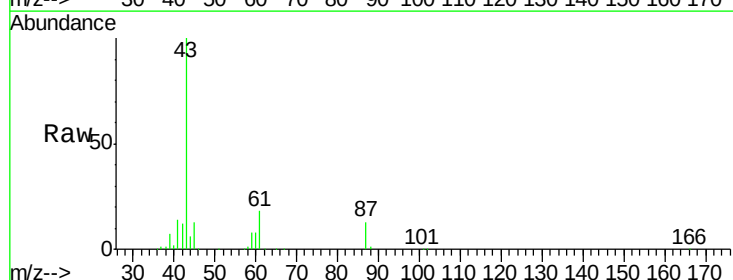
Tgt Ion: 43 Resp: 286904

Ion Ratio Lower Upper

43 100

61 17.4 14.9 22.3

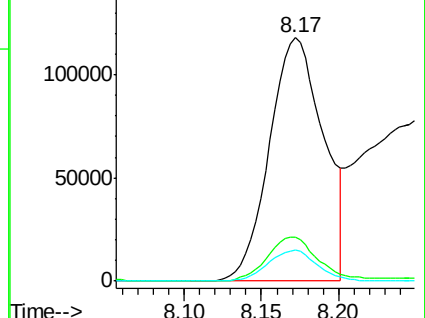
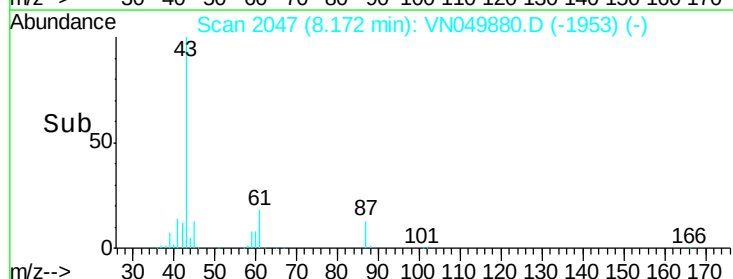
87 11.6 10.0 15.0

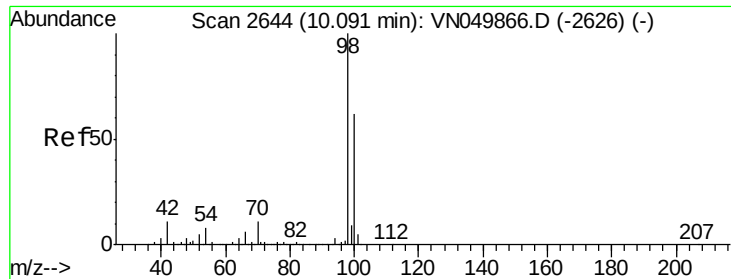


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

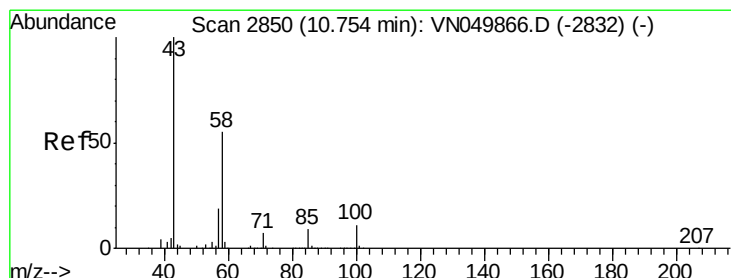
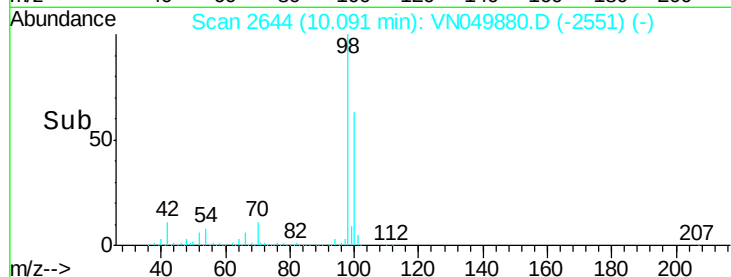
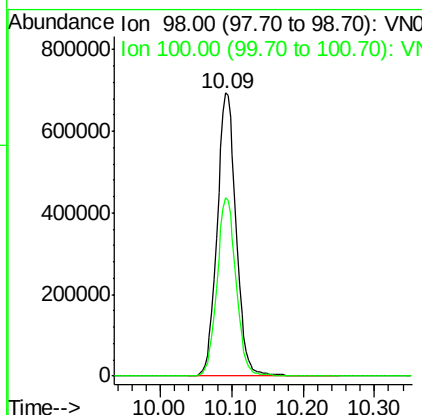
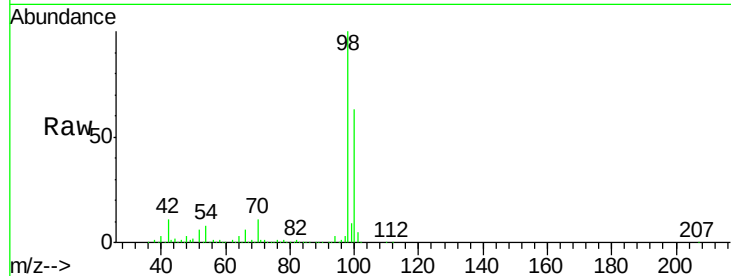




#50
Toluene-d8
Concen: 43.58 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049880.D
Acq: 18 Jul 2018 18:29

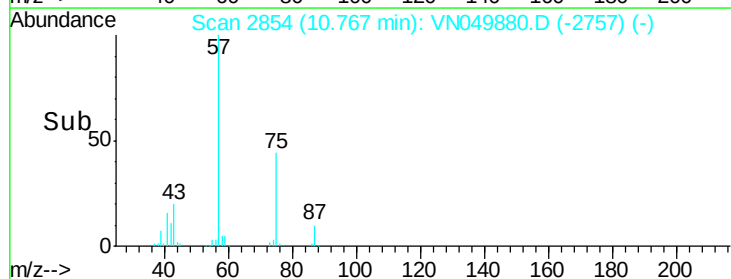
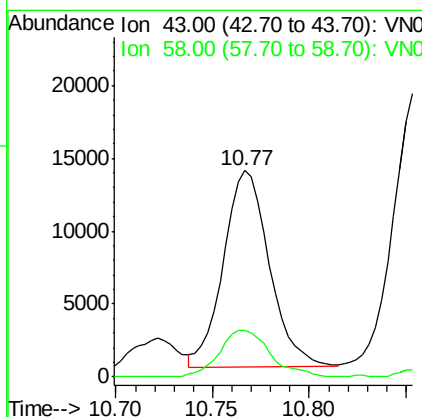
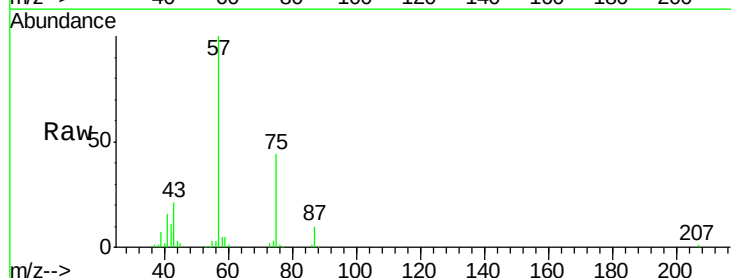
Instrument :
MSVOA_N
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PB111206ZHE#12

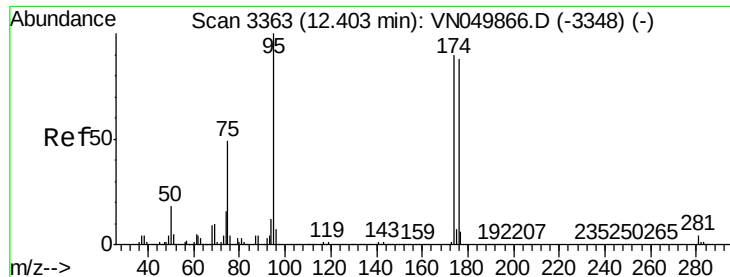
Tot Ion: 98 Resp: 1278303
Ion Ratio Lower Upper
98 100
100 63.2 51.7 77.5



#59
2-Hexanone
Concen: 4.63 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN049880.D
Acq: 18 Jul 2018 18:29

Tgt Ion: 43 Resp: 22258
Ion Ratio Lower Upper
43 100
58 26.5 27.8 83.4#





#62

4-Bromofluorobenzene

Concen: 33.77 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049880.D

Acq: 18 Jul 2018 18:29

Instrument :

MSVOA_N

ClientSampleId :

PB111206ZHE#12

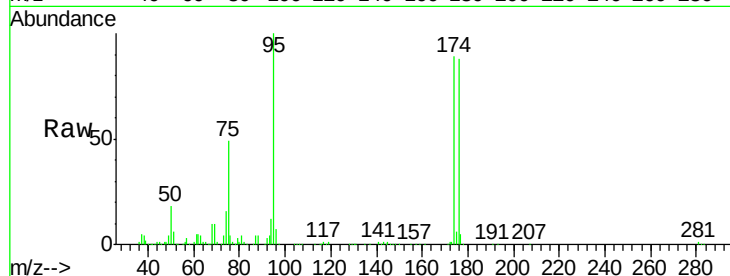
Tot Ion: 95 Resp: 341100

Ion Ratio Lower Upper

95 100

174 91.4 0.0 179.6

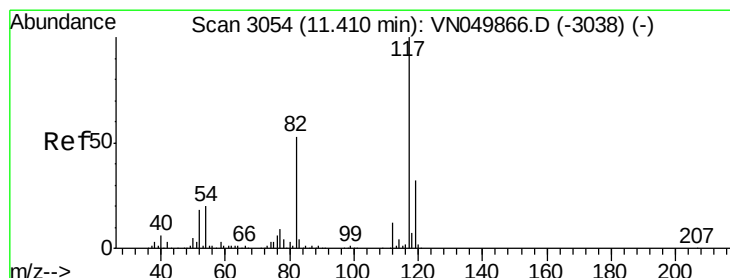
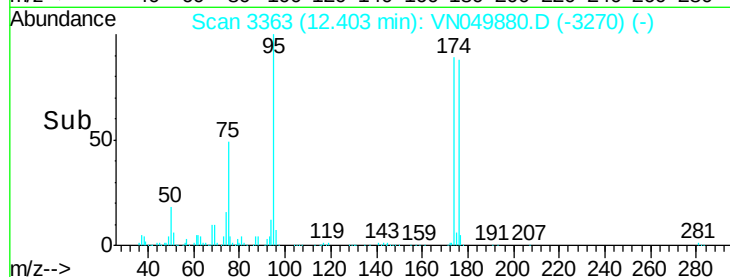
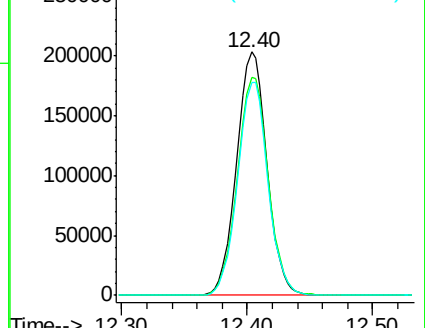
176 87.8 0.0 174.0



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) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049880.D

Acq: 18 Jul 2018 18:29

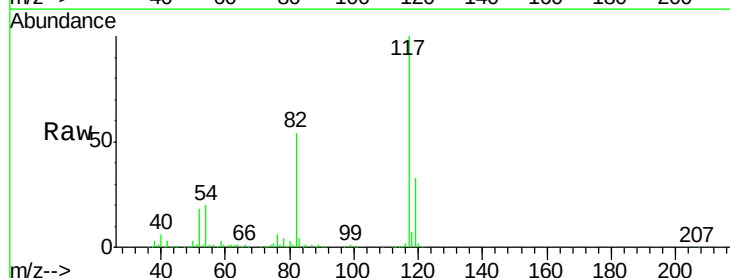
Tgt Ion: 117 Resp: 790886

Ion Ratio Lower Upper

117 100

82 53.7 41.9 62.9

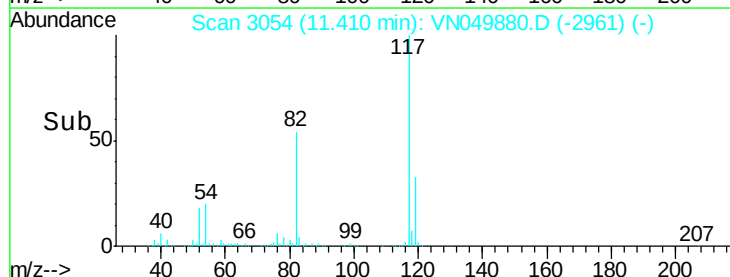
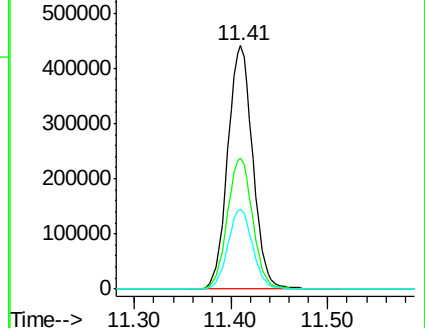
119 32.8 25.4 38.2

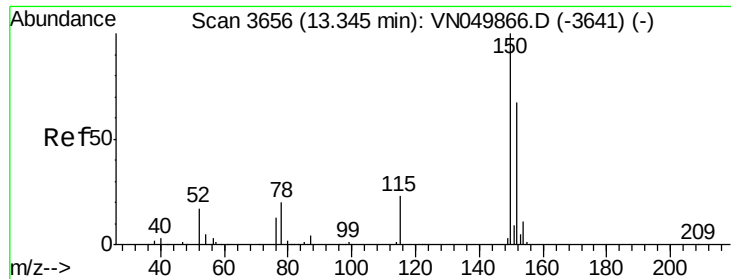


Abundance Ion 116.90 (116.60 to 117.60): VN049866.D (-3038) (-)

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

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





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049880.D

Acq: 18 Jul 2018 18:29

Instrument :

MSVOA_N

ClientSampleId :

PB111206ZHE#12

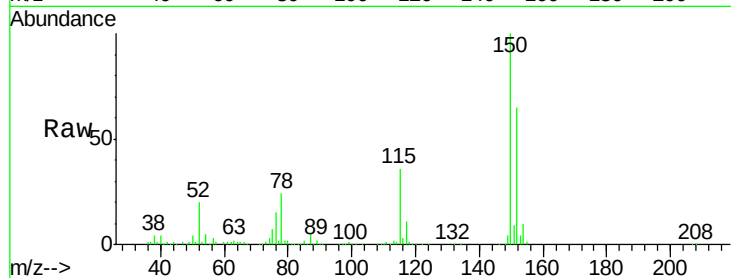
Tot Ion:152 Resp: 280297

Ion Ratio Lower Upper

152 100

115 55.9 28.1 84.2

150 156.9 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

