

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071818\
 Data File : VN049892.D
 Acq On : 19 Jul 2018 00:33
 Operator : MD\SY
 Sample : PB111206ZHE#19
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111206ZHE#19

Quant Time: Jul 19 06:51:40 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	565663	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	947477	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	788173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	275323	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	408431	52.53	ug/l	0.00
Spiked Amount						
			Recovery	=	105.06%	
35) Dibromofluoromethane	7.59	113	360667	45.34	ug/l	0.00
Spiked Amount						
			Recovery	=	90.68%	
50) Toluene-d8	10.09	98	1272466	43.91	ug/l	0.00
Spiked Amount						
			Recovery	=	87.82%	
62) 4-Bromofluorobenzene	12.40	95	336454	33.71	ug/l	0.00
Spiked Amount						
			Recovery	=	67.42%	

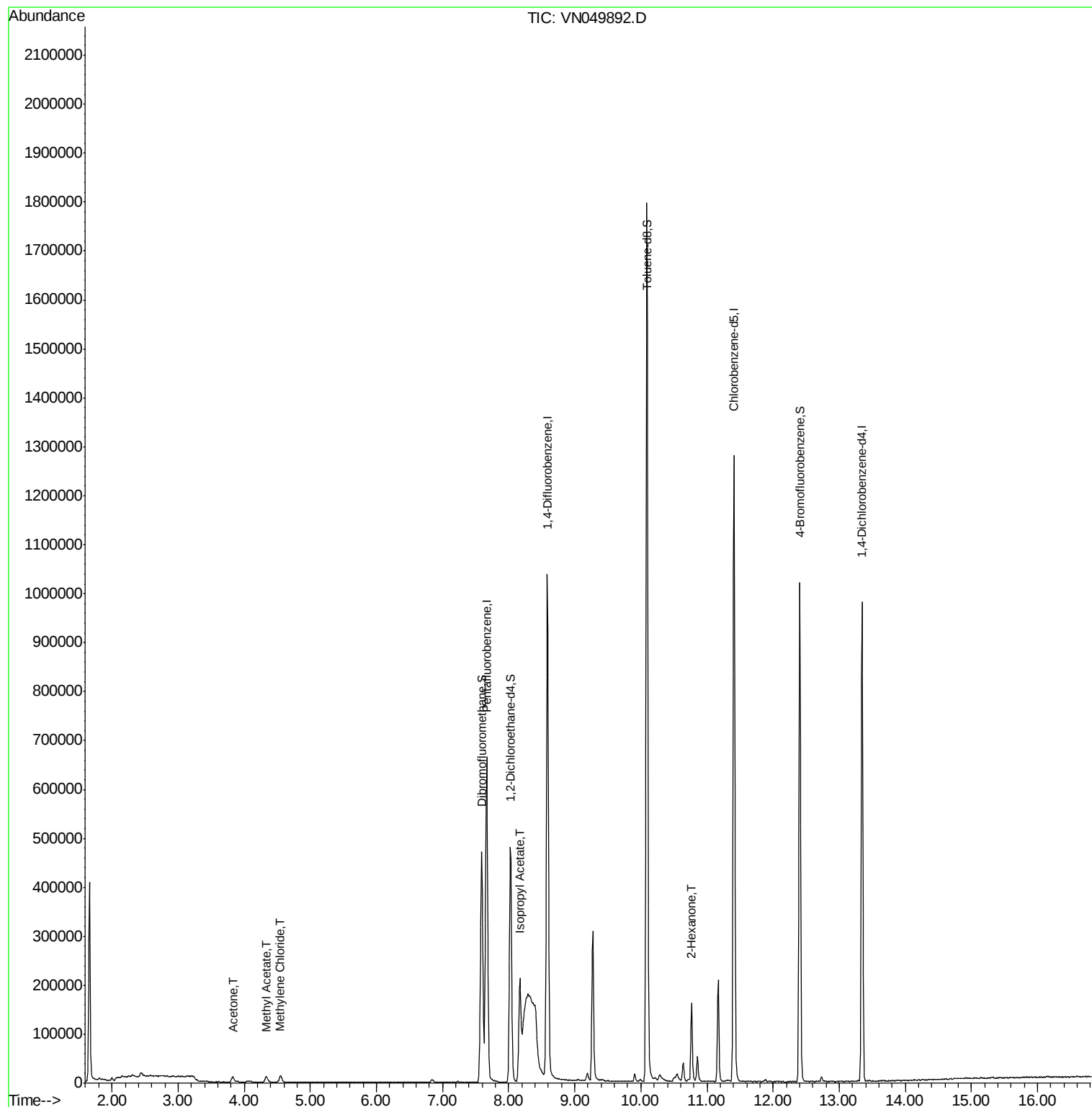
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	20290	10.08	ug/l	93
18) Methyl Acetate	4.34	43	22654	2.80	ug/l	95
20) Methylene Chloride	4.55	84	9658	1.26	ug/l	97
43) Isopropyl Acetate	8.17	43	270133	21.37	ug/l	98
59) 2-Hexanone	10.77	43	23155	4.88	ug/l #	55

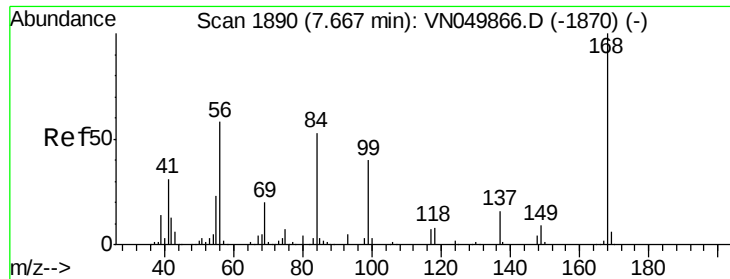
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN049892.D

Acq: 19 Jul 2018 00:33

Instrument :

MSVOA_N

ClientSampleId :

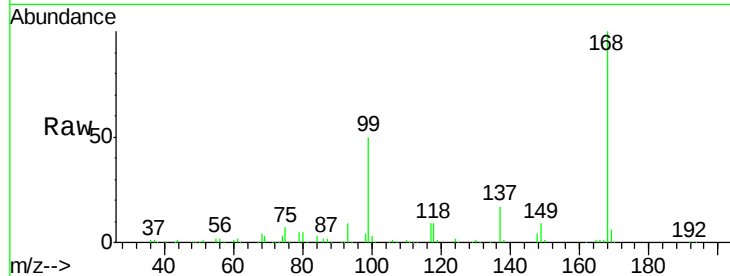
PB111206ZHE#19

Tot Ion:168 Resp: 565663

Ion Ratio Lower Upper

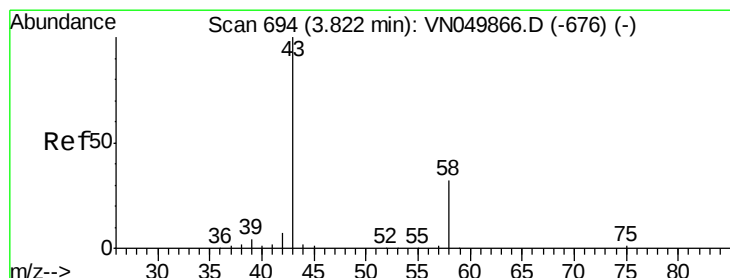
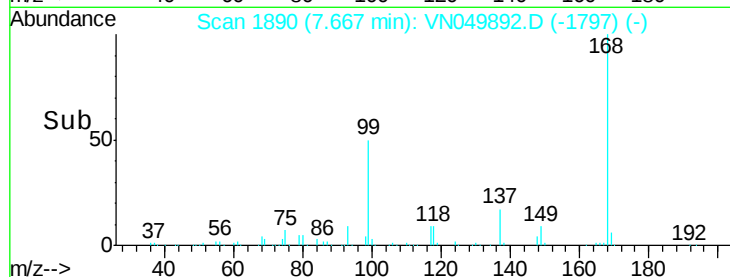
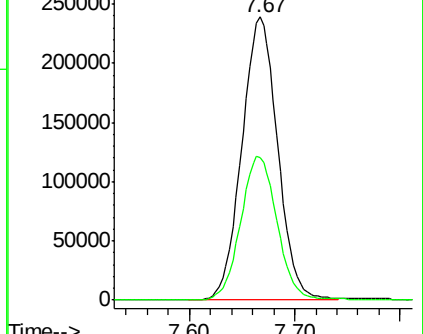
168 100

99 50.5 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: 10.08 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049892.D

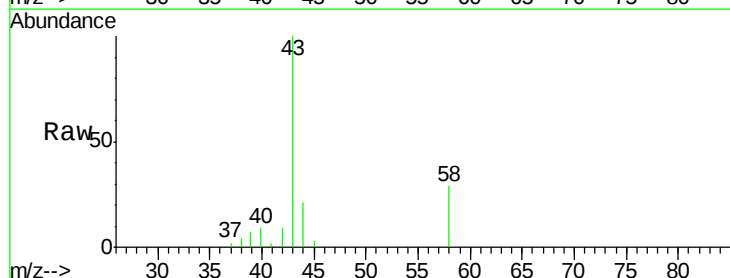
Acq: 19 Jul 2018 00:33

Tgt Ion: 43 Resp: 20290

Ion Ratio Lower Upper

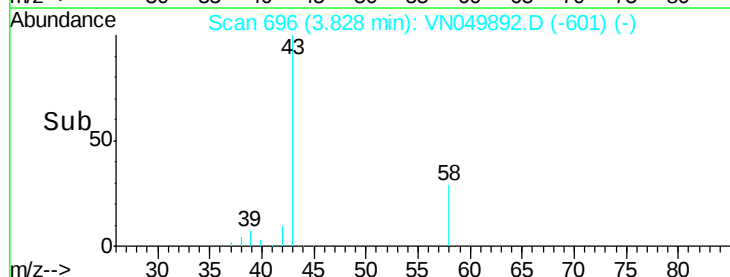
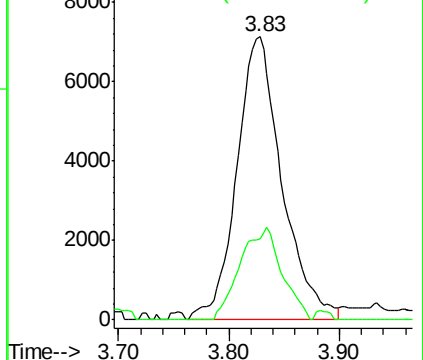
43 100

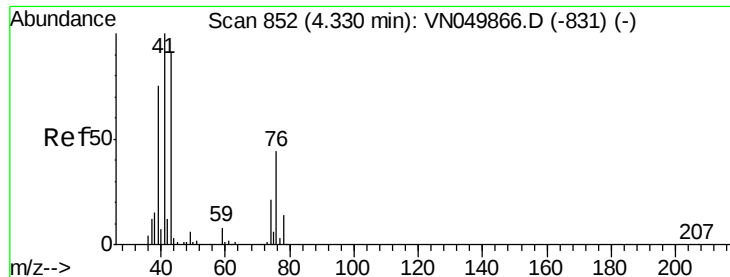
58 28.6 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

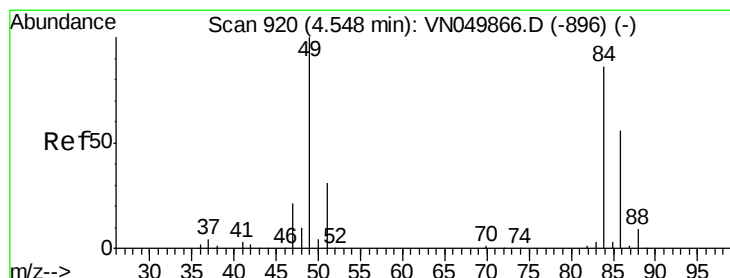
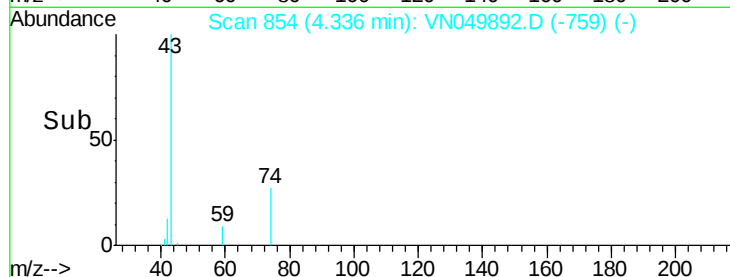
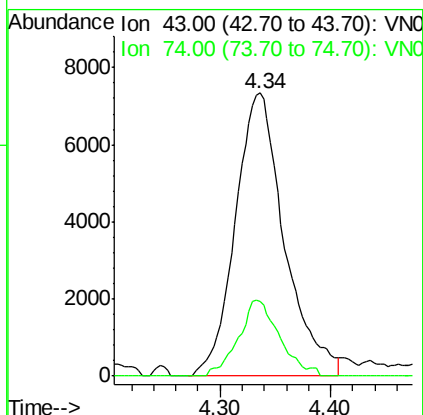
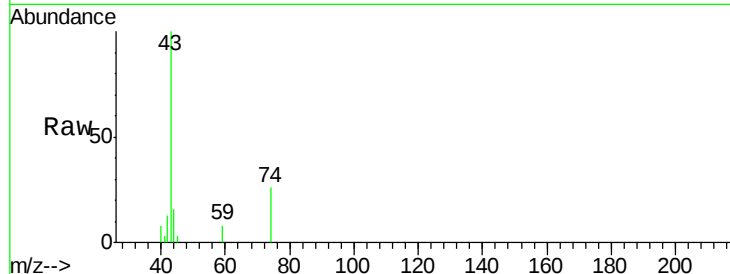




#18
Methvl Acetate
Concen: 2.80 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN049892.D
Acq: 19 Jul 2018 00:33

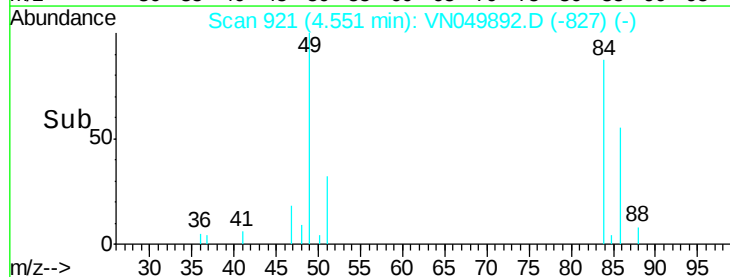
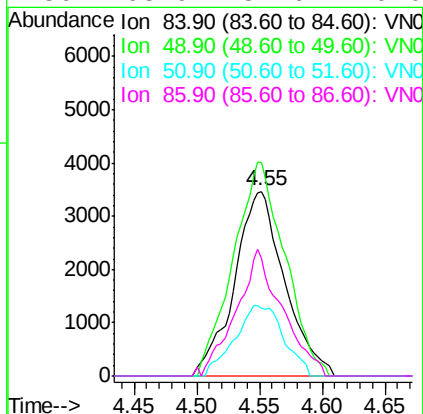
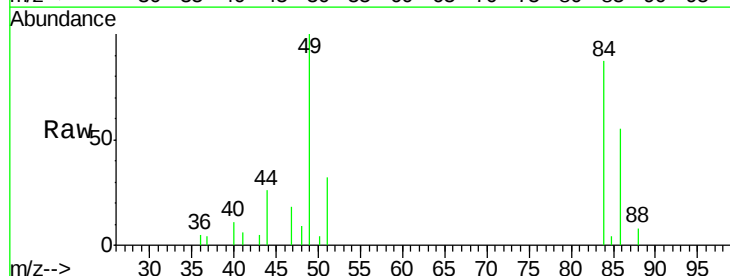
Instrument :
MSVOA_N
ClientSampleId :
PB111206ZHE#19

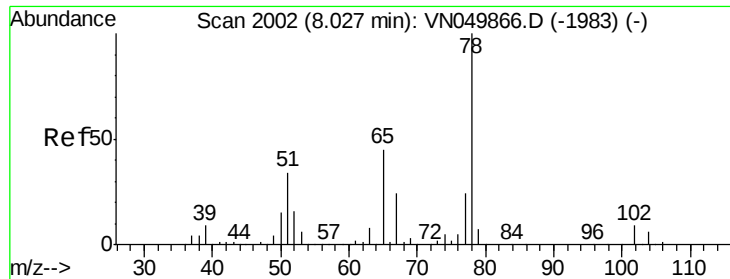
Tot Ion: 43 Resp: 22654
Ion Ratio Lower Upper
43 100
74 22.5 19.8 29.8



#20
Methylene Chloride
Concen: 1.26 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049892.D
Acq: 19 Jul 2018 00:33

Tgt Ion: 84 Resp: 9658
Ion Ratio Lower Upper
84 100
49 115.6 95.4 143.2
51 36.5 28.4 42.6
86 63.9 52.6 79.0

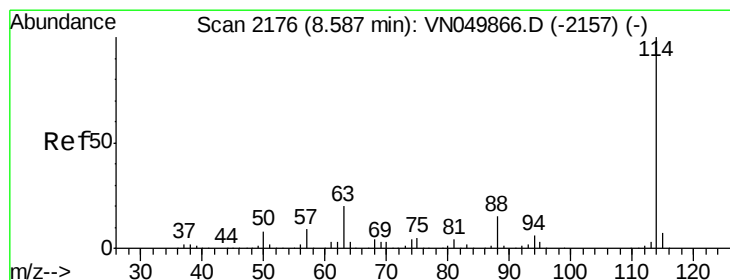
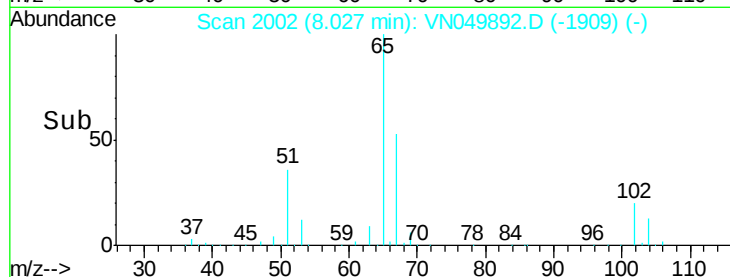
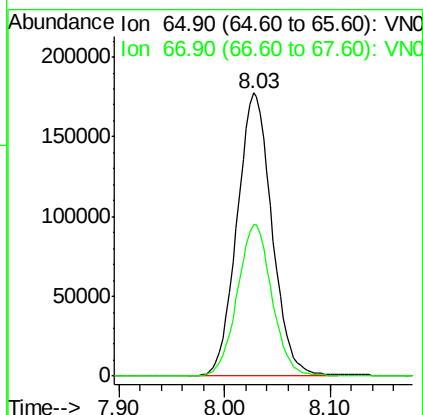
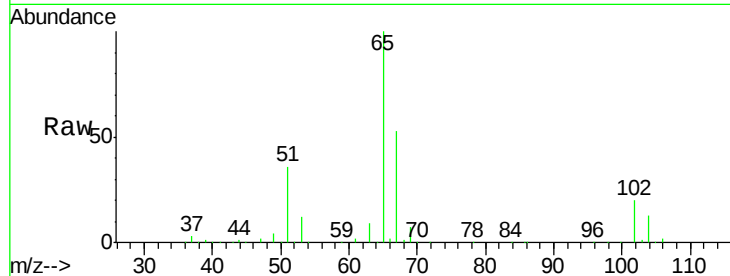




#33
 1,2-Dichloroethane-d4
 Concen: 52.53 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: VN049892.D
 Acq: 19 Jul 2018 00:33

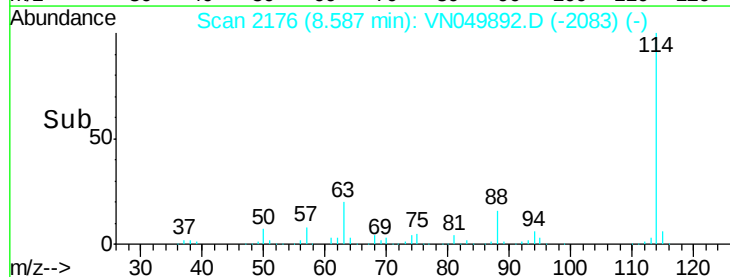
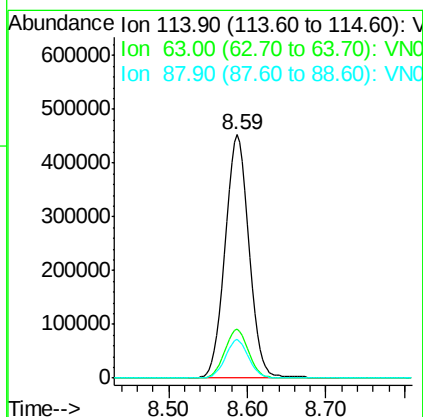
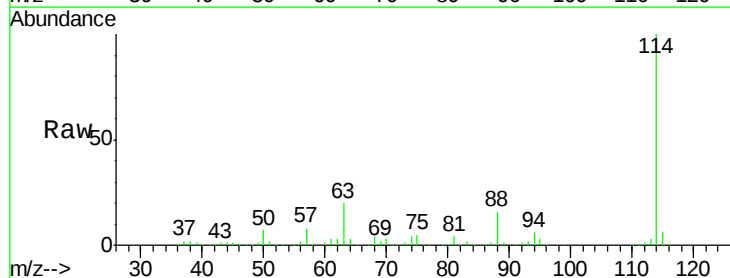
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111206ZHE#19

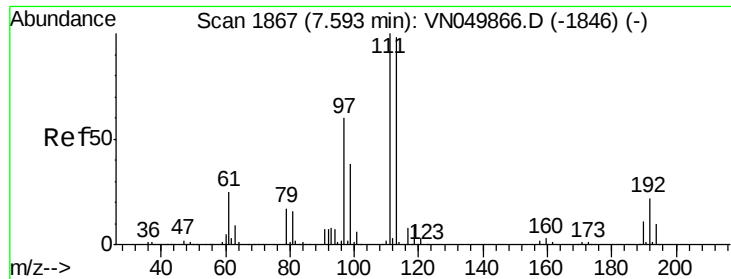
Tot Ion: 65 Resp: 408431
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN049892.D
 Acq: 19 Jul 2018 00:33

Tgt Ion: 114 Resp: 947477
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.8
 88 15.7 0.0 30.6

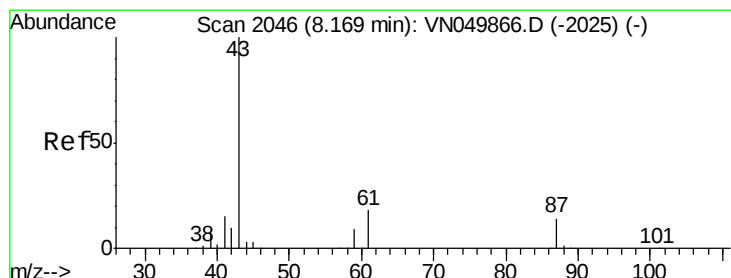
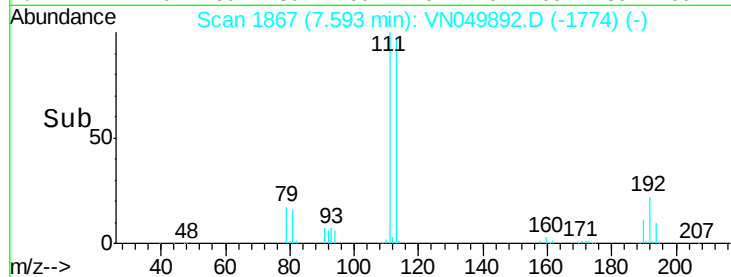
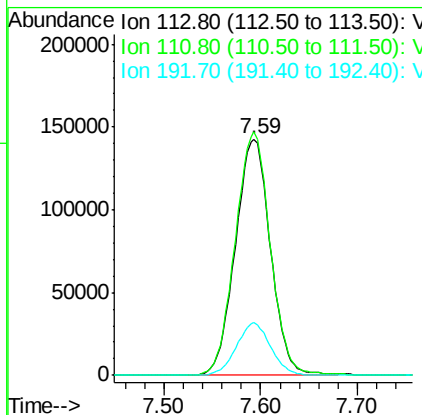
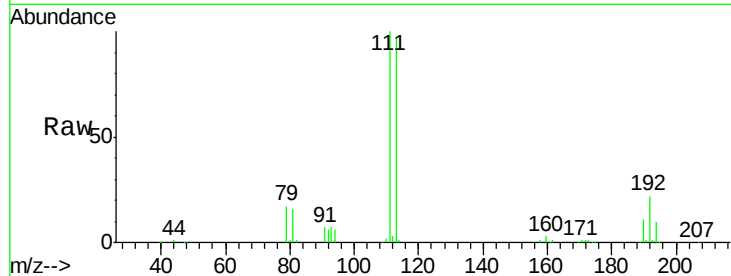




#35
 Dibromofluoromethane
 Concen: 45.34 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049892.D
 Acq: 19 Jul 2018 00:33

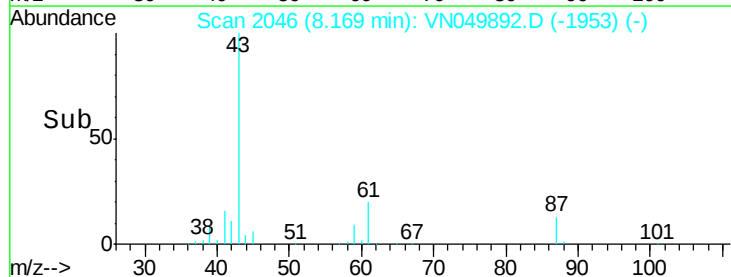
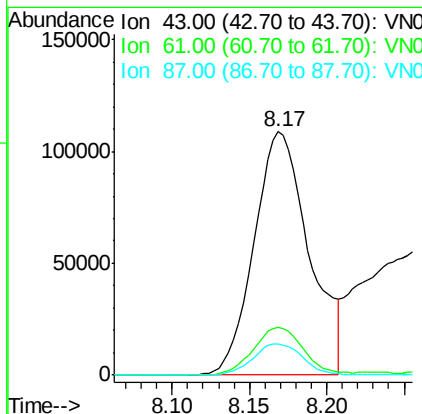
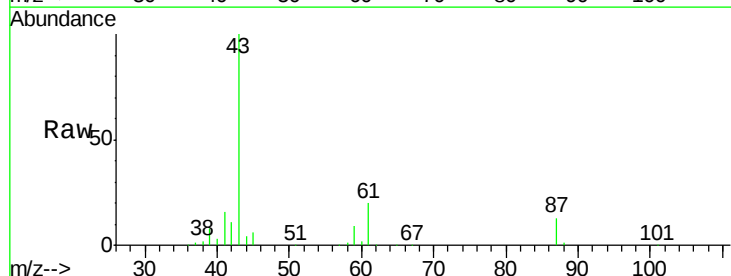
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111206ZHE#19

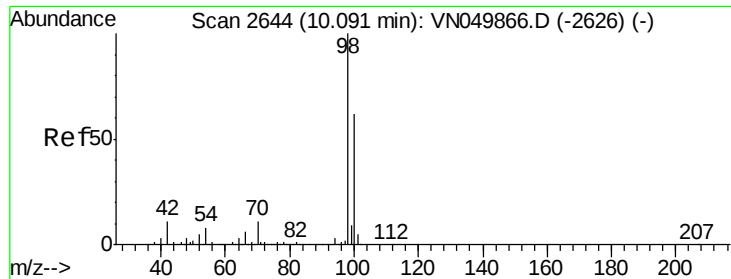
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.8	122.8
192	21.8	17.8	26.6



#43
 Isopropyl Acetate
 Concen: 21.37 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. -0.00 min
 Lab File: VN049892.D
 Acq: 19 Jul 2018 00:33

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.9	14.9	22.3
87	11.7	10.0	15.0

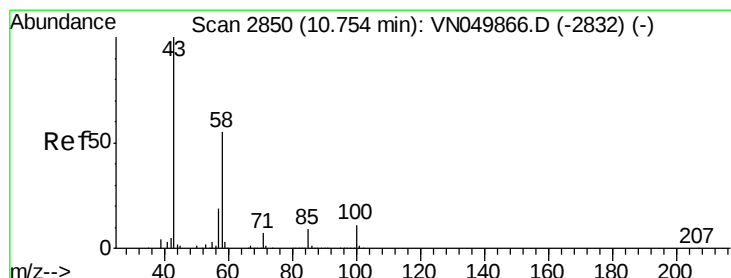
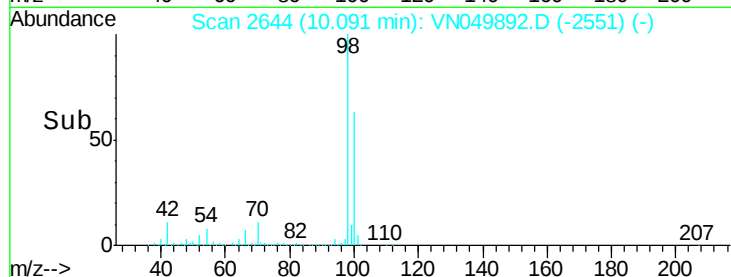
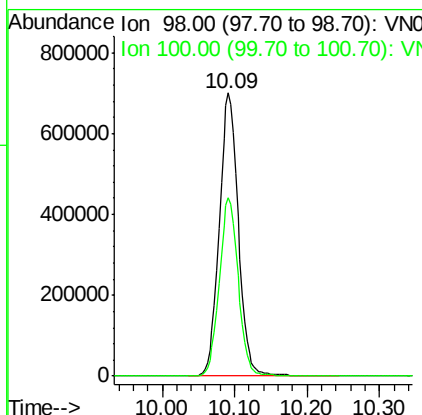
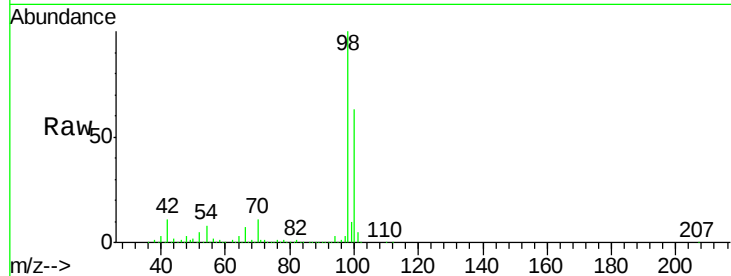




#50
Toluene-d8
Concen: 43.91 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN049892.D
Acq: 19 Jul 2018 00:33

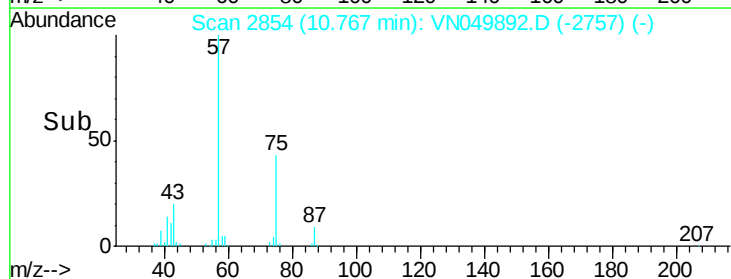
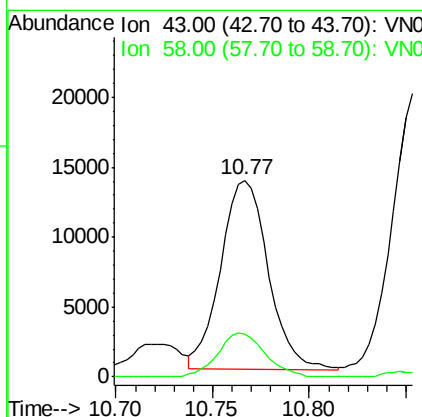
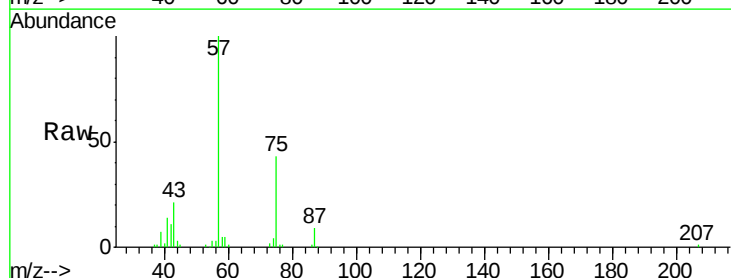
Instrument :
MSVOA_N
ClientSampleId :
PB111206ZHE#19

Tot Ion: 98 Resp: 1272466
Ion Ratio Lower Upper
98 100
100 62.7 51.7 77.5



#59
2-Hexanone
Concen: 4.88 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN049892.D
Acq: 19 Jul 2018 00:33

Tgt Ion: 43 Resp: 23155
Ion Ratio Lower Upper
43 100
58 23.1 27.8 83.4#

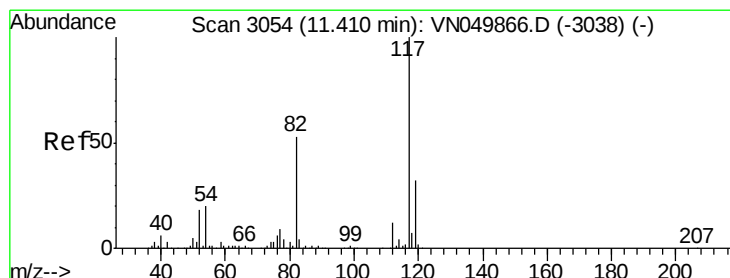
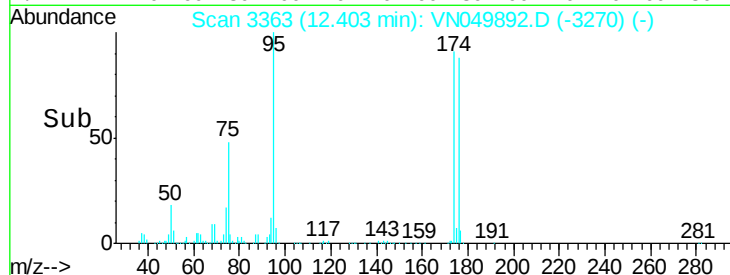
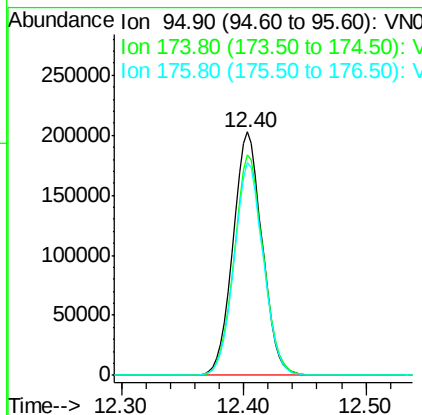
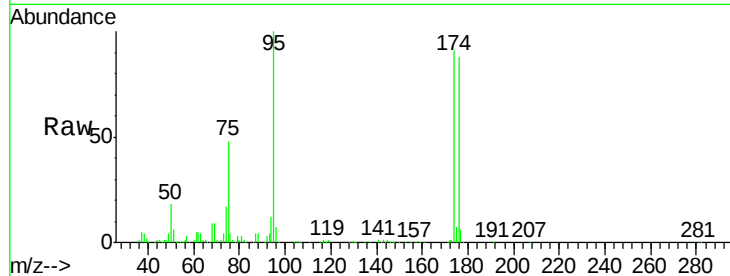




#62
4-Bromofluorobenzene
Concen: 33.71 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN049892.D
Acq: 19 Jul 2018 00:33

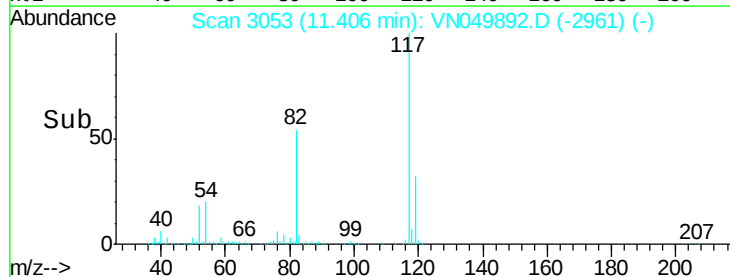
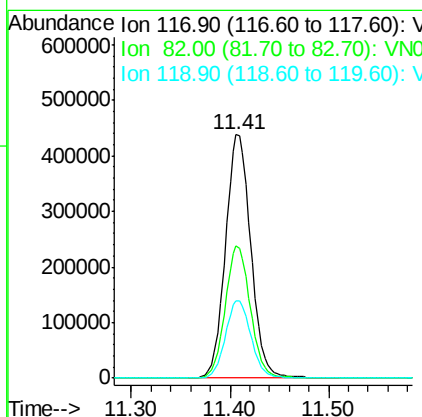
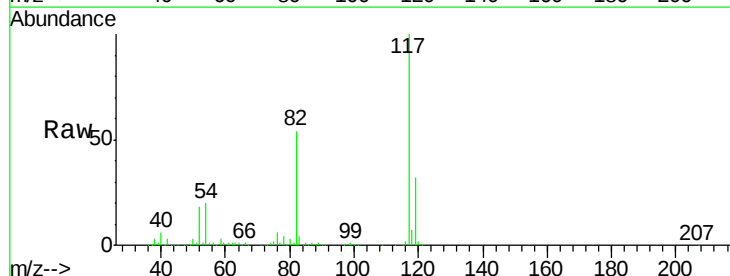
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PB111206ZHE#19

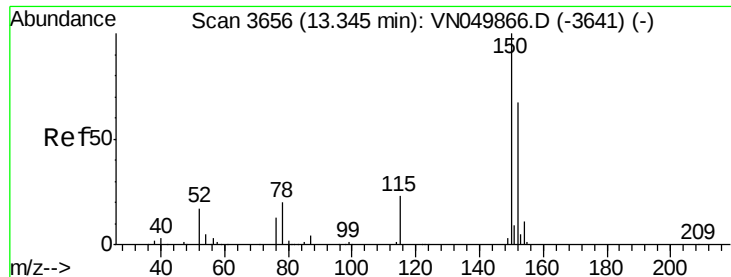
Tot Ion: 95 Resp: 336454
Ion Ratio Lower Upper
95 100
174 90.9 0.0 179.6
176 87.0 0.0 174.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. -0.00 min
Lab File: VN049892.D
Acq: 19 Jul 2018 00:33

Tgt Ion: 117 Resp: 788173
Ion Ratio Lower Upper
117 100
82 54.4 41.9 62.9
119 31.9 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN049892.D

Acq: 19 Jul 2018 00:33

Instrument :

MSVOA_N

ClientSampleId :

PB111206ZHE#19

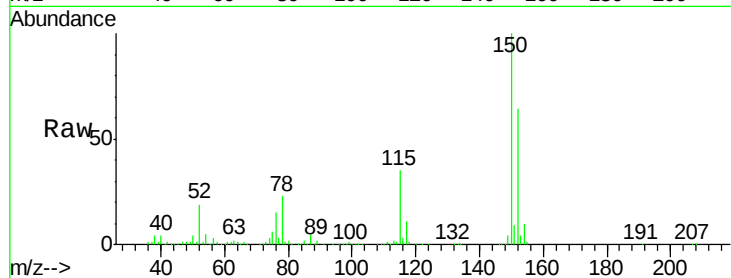
Tot Ion:152 Resp: 275323

Ion Ratio Lower Upper

152 100

115 55.8 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

