

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071818\
 Data File : VN049876.D
 Acq On : 18 Jul 2018 16:45
 Operator : MD\SY
 Sample : PB111206ZHE#06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111206ZHE#06

Quant Time: Jul 19 04:31:16 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	584844	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	959270	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	808928	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	309169	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	412455	51.31	ug/l	0.00
Spiked Amount						
			Recovery	=	102.62%	
35) Dibromofluoromethane	7.59	113	363677	45.16	ug/l	0.00
Spiked Amount						
			Recovery	=	90.32%	
50) Toluene-d8	10.09	98	1284319	43.77	ug/l	0.00
Spiked Amount						
			Recovery	=	87.54%	
62) 4-Bromofluorobenzene	12.40	95	355514	35.18	ug/l	0.00
Spiked Amount						
			Recovery	=	70.36%	

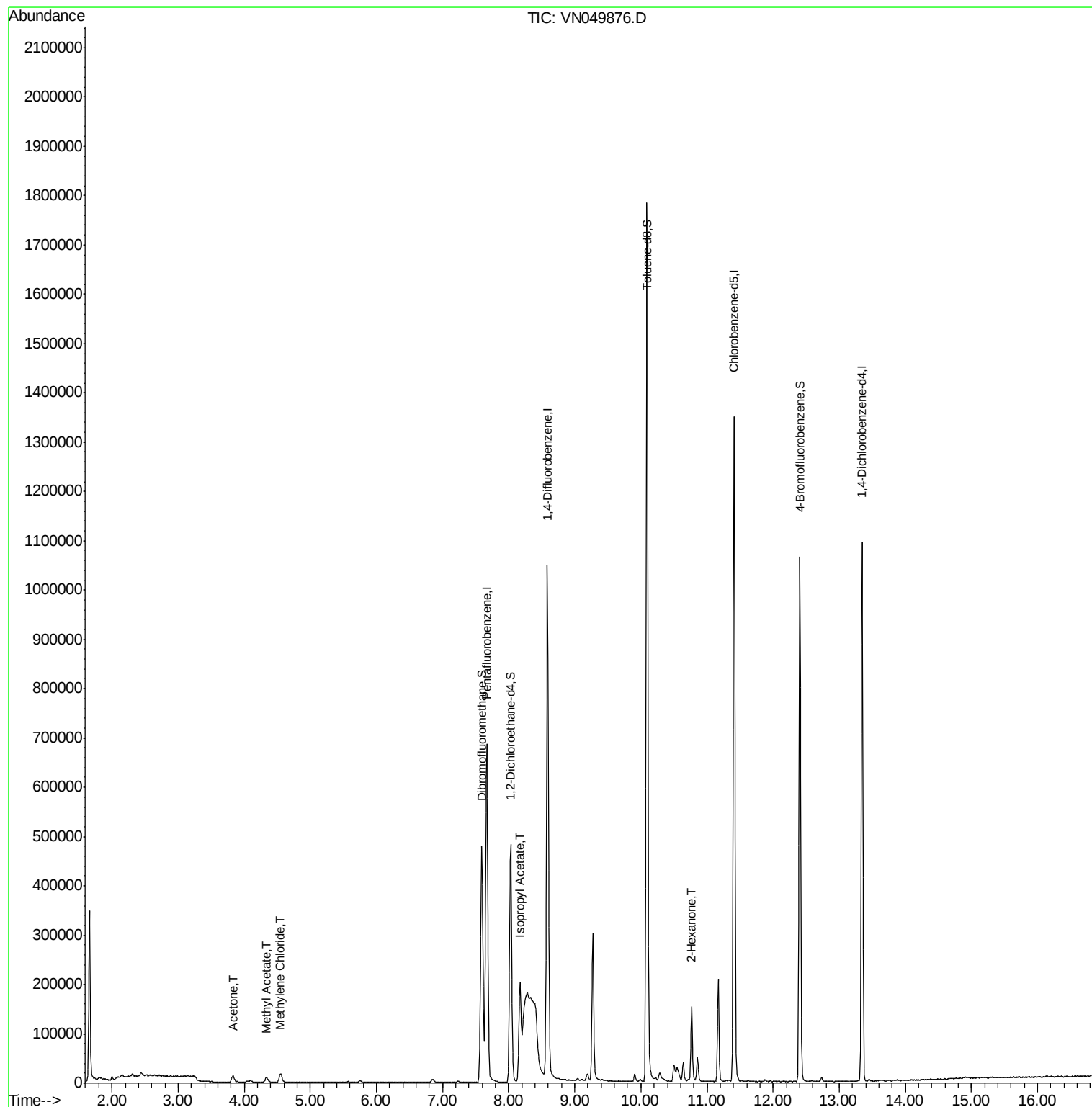
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	22110	10.62	ug/l	99
18) Methyl Acetate	4.34	43	19501	2.19	ug/l	95
20) Methylene Chloride	4.55	84	13244	1.67	ug/l	93
43) Isopropyl Acetate	8.17	43	253157	19.78	ug/l	99
59) 2-Hexanone	10.77	43	22659	4.72	ug/l #	60

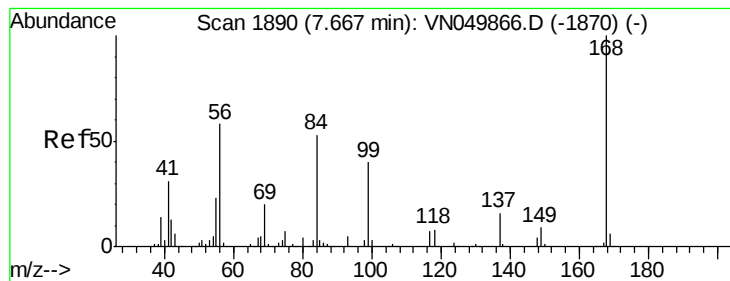
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN049876.D

Acq: 18 Jul 2018 16:45

Instrument :

MSVOA_N

ClientSampleId :

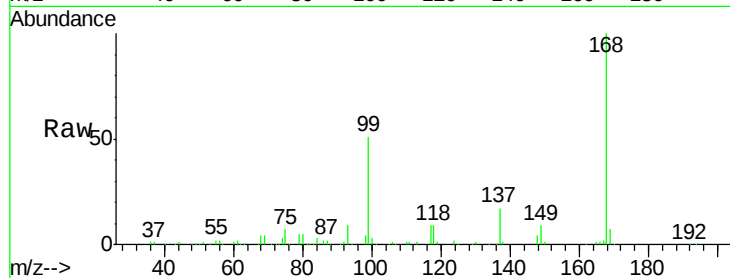
PB111206ZHE#06

Tot Ion:168 Resp: 584844

Ion Ratio Lower Upper

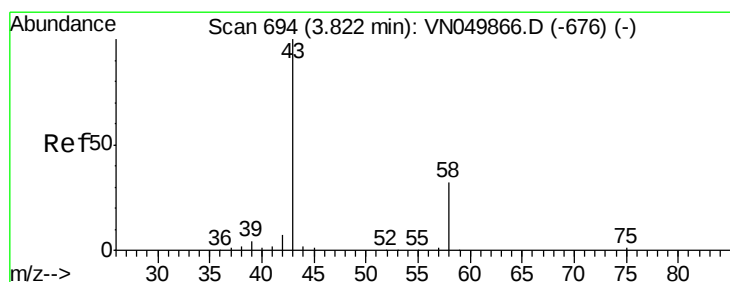
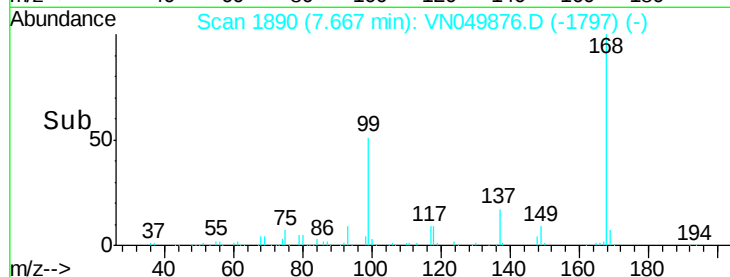
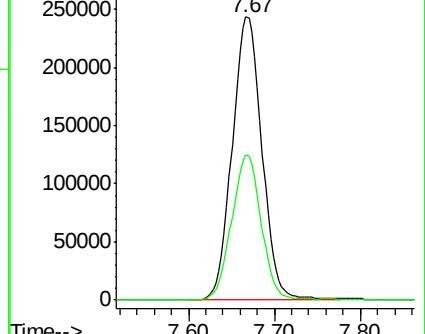
168 100

99 51.1 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: 10.62 ug/l

RT: 3.83 min Scan# 698

Delta R.T. 0.01 min

Lab File: VN049876.D

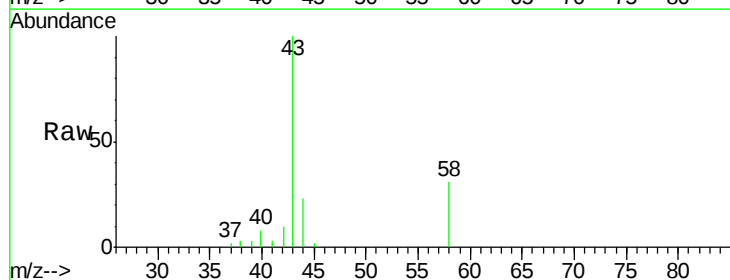
Acq: 18 Jul 2018 16:45

Tgt Ion: 43 Resp: 22110

Ion Ratio Lower Upper

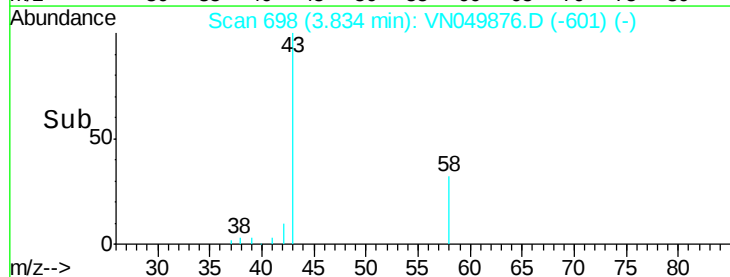
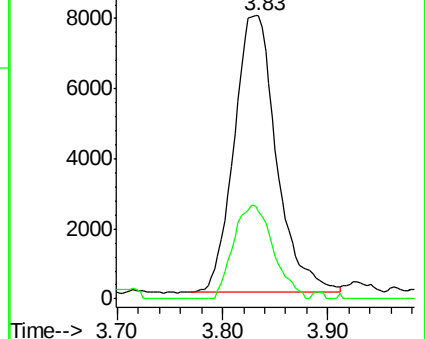
43 100

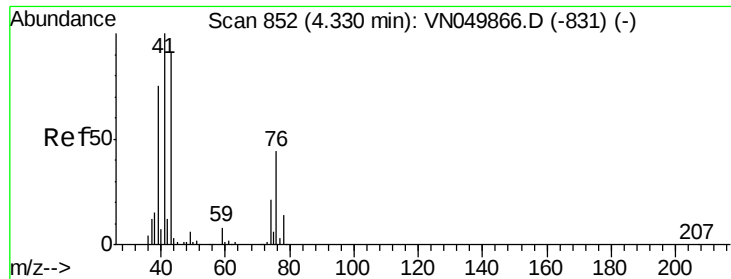
58 31.7 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

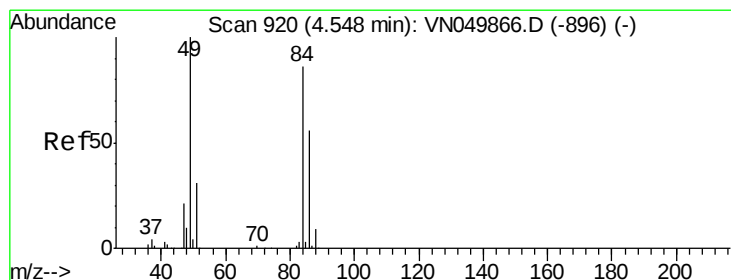
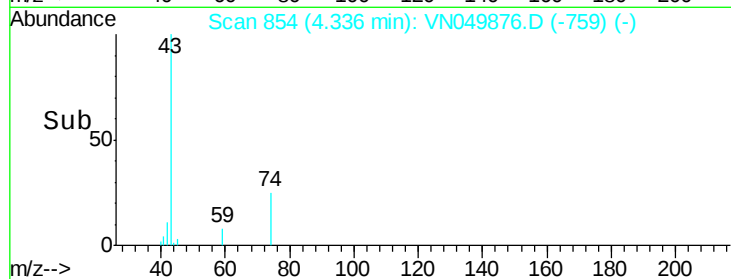
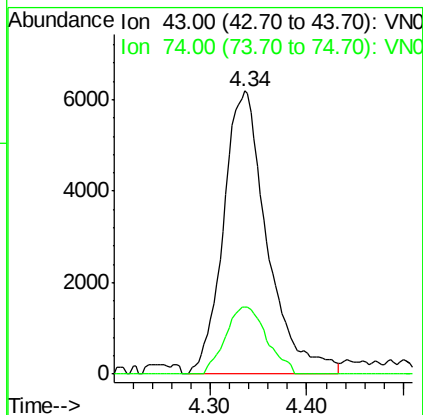
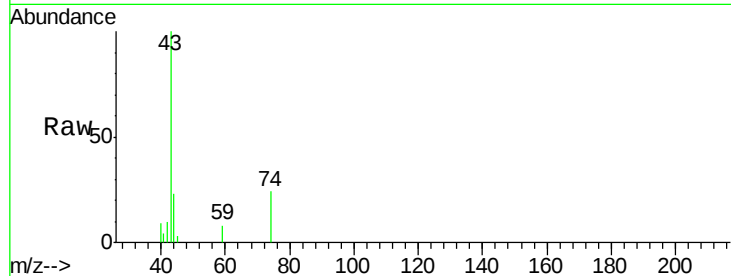




#18
Methvl Acetate
Concen: 2.19 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN049876.D
Acq: 18 Jul 2018 16:45

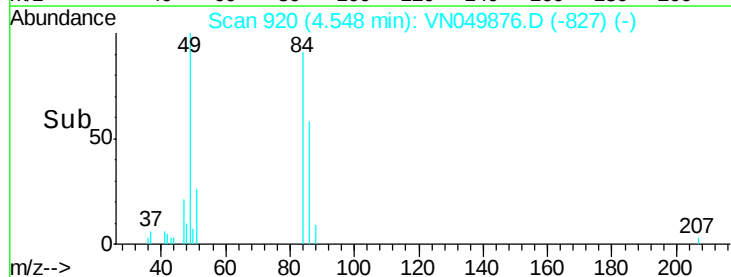
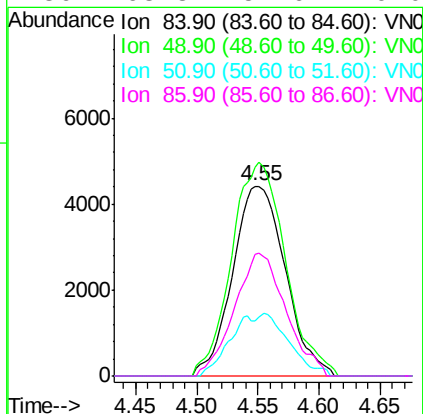
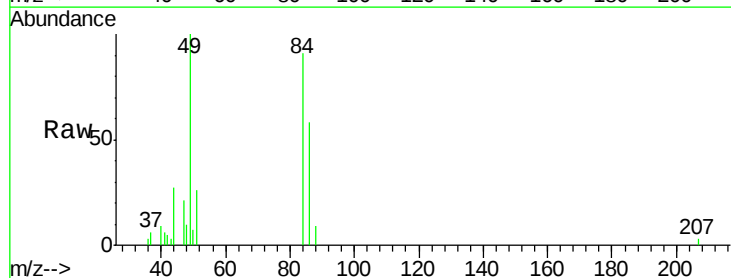
Instrument :
MSVOA_N
ClientSampleId :
PB111206ZHE#06

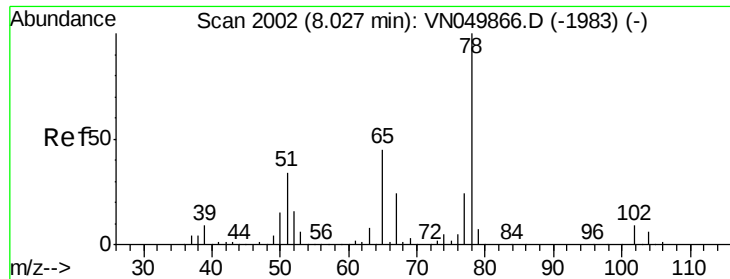
Tot Ion: 43 Resp: 19501
Ion Ratio Lower Upper
43 100
74 22.3 19.8 29.8



#20
Methylene Chloride
Concen: 1.67 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049876.D
Acq: 18 Jul 2018 16:45

Tgt Ion: 84 Resp: 13244
Ion Ratio Lower Upper
84 100
49 109.6 95.4 143.2
51 29.0 28.4 42.6
86 63.8 52.6 79.0

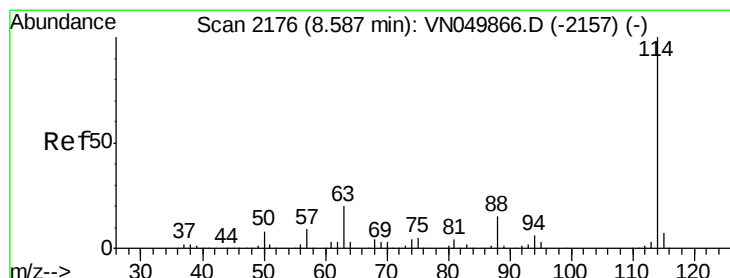
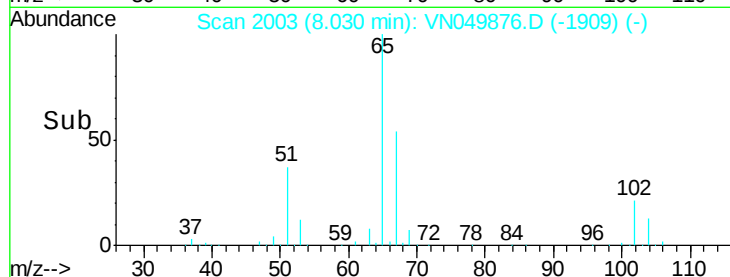
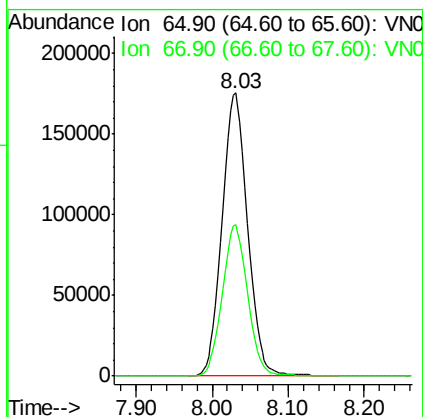
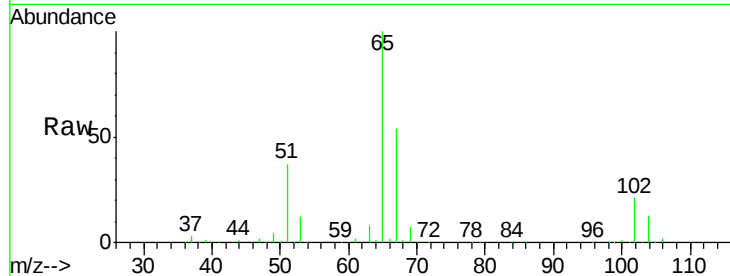




#33
 1,2-Dichloroethane-d4
 Concen: 51.31 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049876.D
 Acq: 18 Jul 2018 16:45

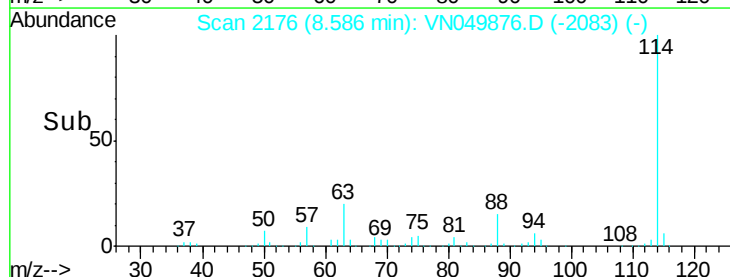
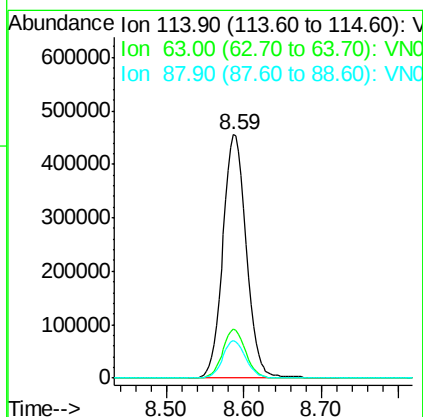
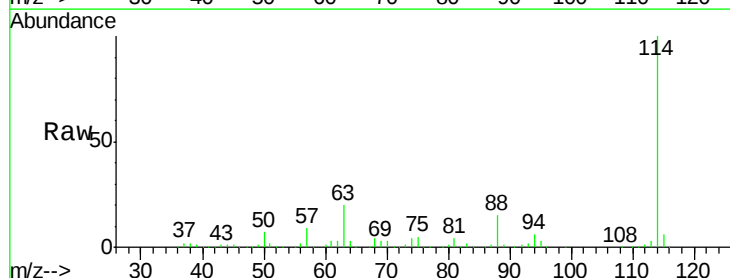
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111206ZHE#06

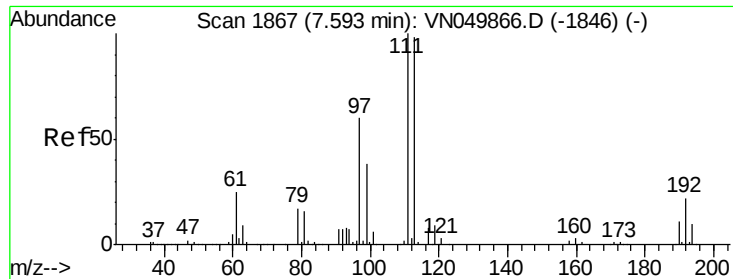
Tot Ion: 65 Resp: 412455
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN049876.D
 Acq: 18 Jul 2018 16:45

Tgt Ion: 114 Resp: 959270
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.8
 88 15.3 0.0 30.6

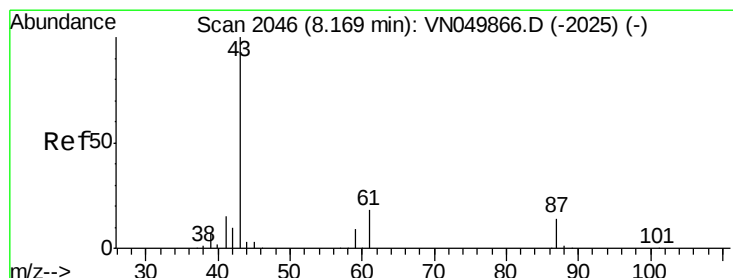
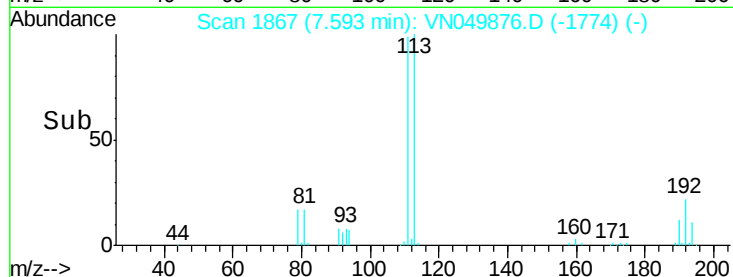
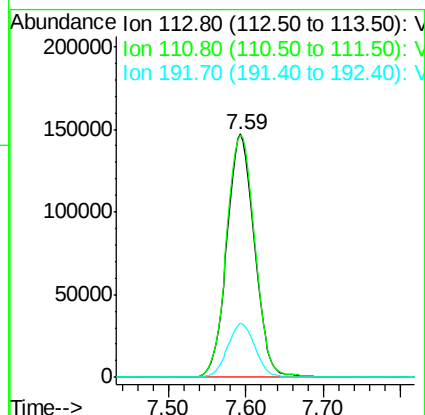
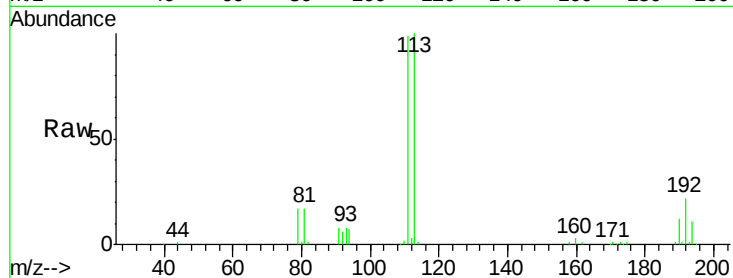




#35
 Dibromofluoromethane
 Concen: 45.16 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049876.D
 Acq: 18 Jul 2018 16:45

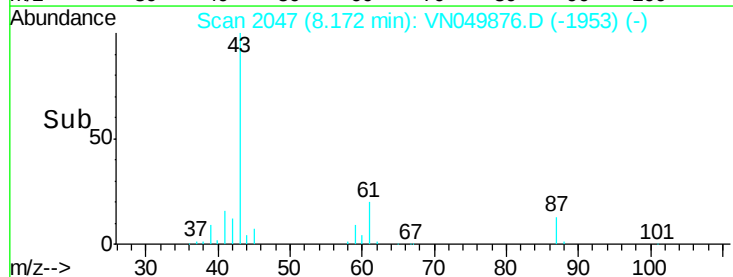
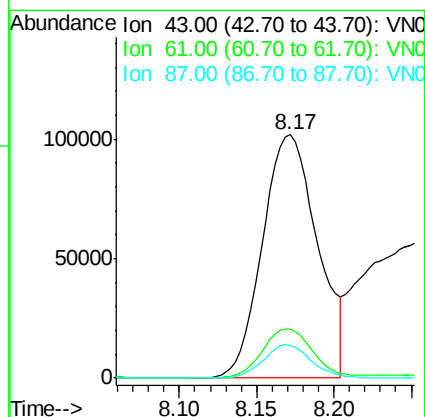
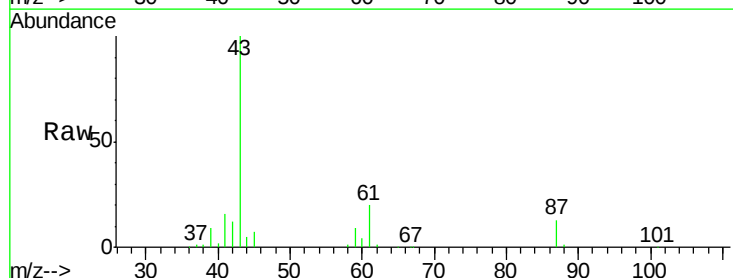
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111206ZHE#06

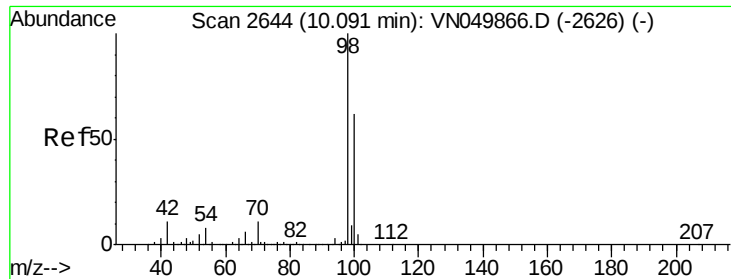
Tot Ion:113 Resp: 363677
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.8 122.8
 192 22.1 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 19.78 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN049876.D
 Acq: 18 Jul 2018 16:45

Tgt Ion: 43 Resp: 253157
 Ion Ratio Lower Upper
 43 100
 61 18.9 14.9 22.3
 87 12.0 10.0 15.0





#50

Toluene-d8

Concen: 43.77 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN049876.D

Acq: 18 Jul 2018 16:45

Instrument :

MSVOA_N

ClientSampleId :

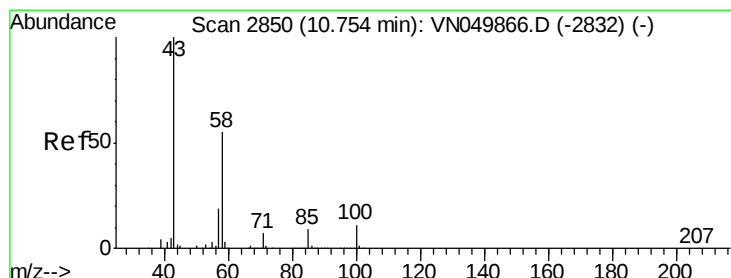
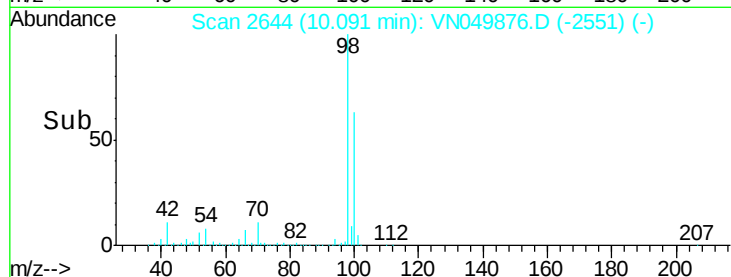
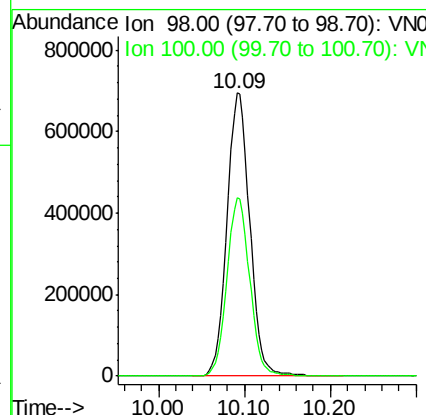
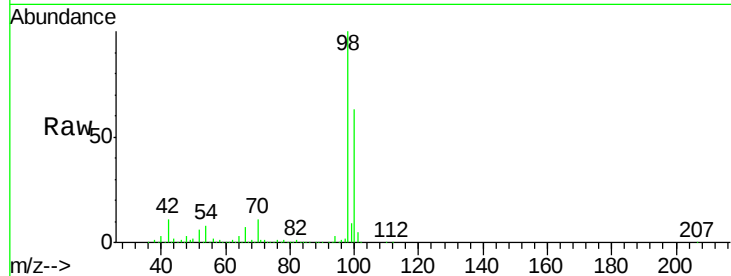
PB111206ZHE#06

Tot Ion: 98 Resp: 1284319

Ion Ratio Lower Upper

98 100

100 63.1 51.7 77.5



#59

2-Hexanone

Concen: 4.72 ug/l

RT: 10.77 min Scan# 2855

Delta R.T. 0.02 min

Lab File: VN049876.D

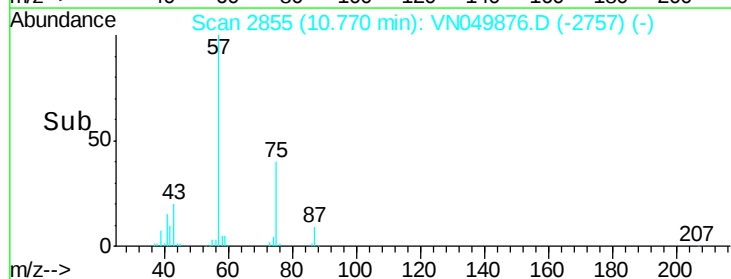
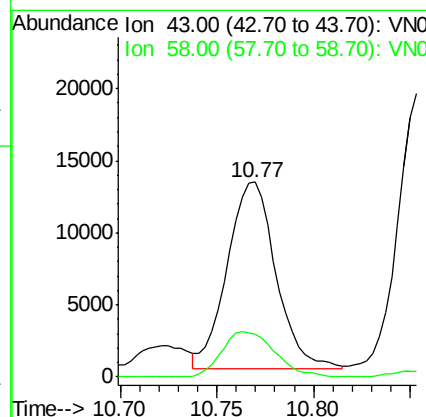
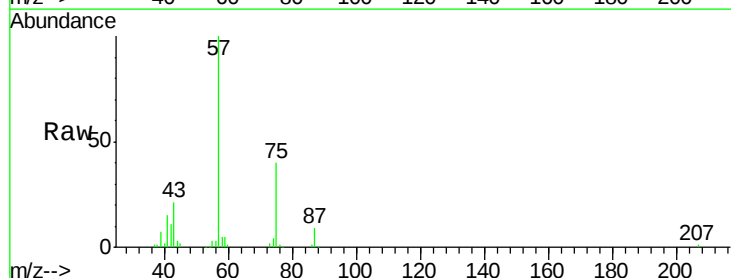
Acq: 18 Jul 2018 16:45

Tgt Ion: 43 Resp: 22659

Ion Ratio Lower Upper

43 100

58 26.5 27.8 83.4#

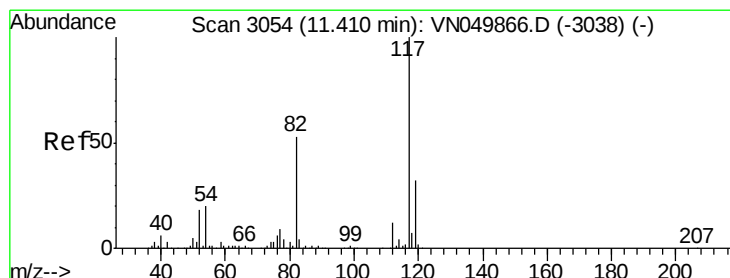
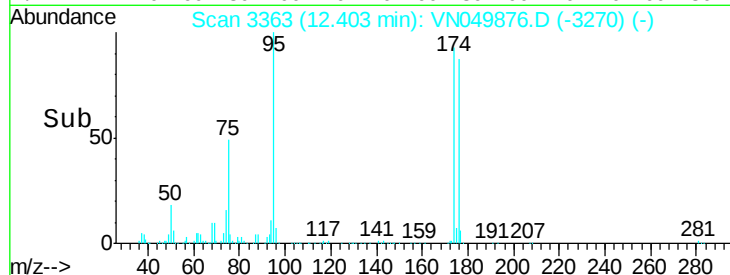
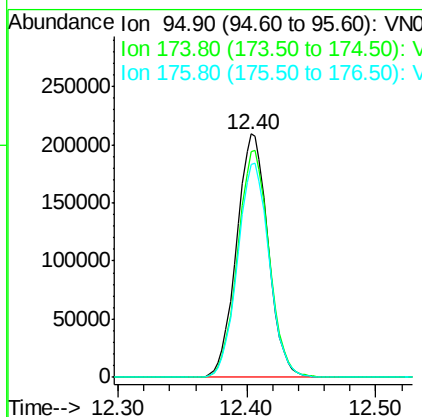
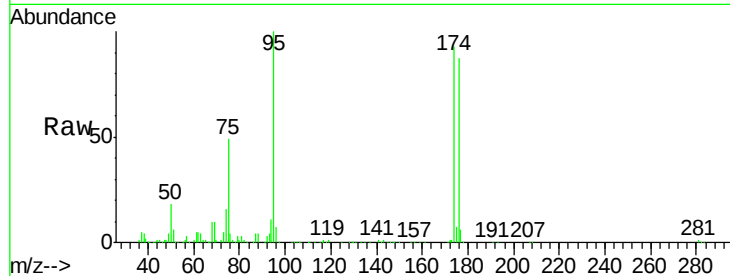




#62
4-Bromofluorobenzene
Concen: 35.18 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN049876.D
Acq: 18 Jul 2018 16:45

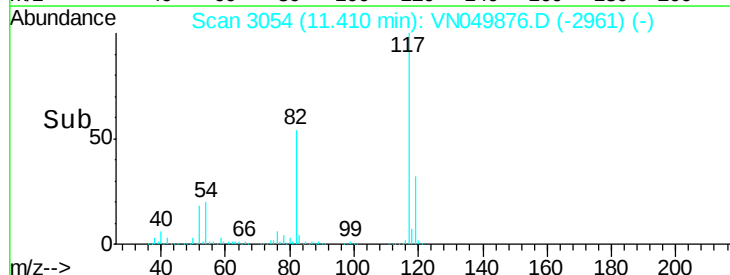
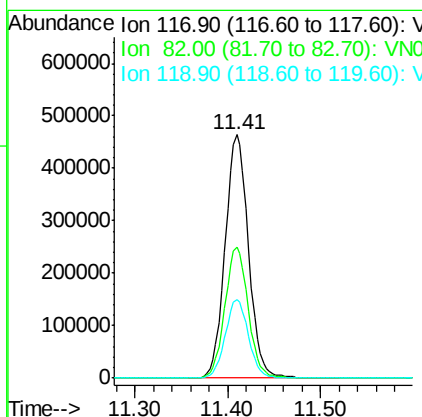
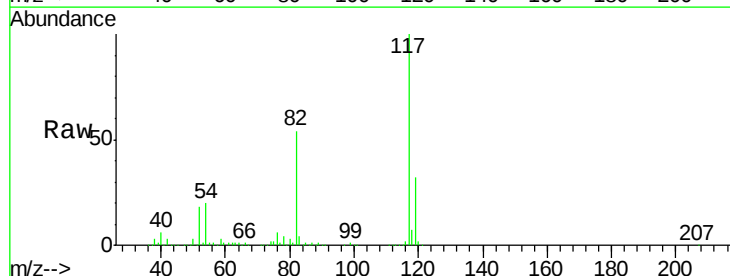
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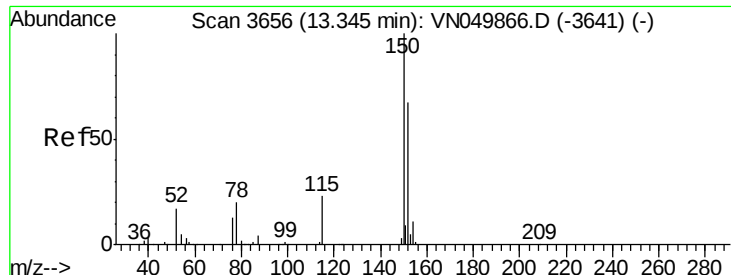
Tot Ion: 95 Resp: 355514
Ion Ratio Lower Upper
95 100
174 93.2 0.0 179.6
176 88.2 0.0 174.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049876.D
Acq: 18 Jul 2018 16:45

Tgt Ion: 117 Resp: 808928
Ion Ratio Lower Upper
117 100
82 53.7 41.9 62.9
119 32.3 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: VN049876.D

Acq: 18 Jul 2018 16:45

Instrument :

MSVOA_N

ClientSampleId :

PB111206ZHE#06

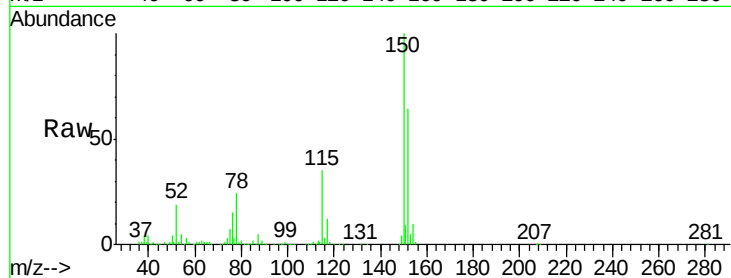
Tot Ion:152 Resp: 309169

Ion Ratio Lower Upper

152 100

115 55.5 28.1 84.2

150 157.2 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

