

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071918\
 Data File : VN049917.D
 Acq On : 19 Jul 2018 15:33
 Operator : MD\SY
 Sample : PB111251ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111251ZHE#04

Quant Time: Jul 20 02:04:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	576823	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	973507	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	825975	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	323774	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	408671	51.55	ug/l	0.00
Spiked Amount			Recovery	=	103.10%	
35) Dibromofluoromethane	7.59	113	361455	44.23	ug/l	0.00
Spiked Amount			Recovery	=	88.46%	
50) Toluene-d8	10.09	98	1303021	43.76	ug/l	0.00
Spiked Amount			Recovery	=	87.52%	
62) 4-Bromofluorobenzene	12.40	95	373266	36.40	ug/l	0.00
Spiked Amount			Recovery	=	72.80%	

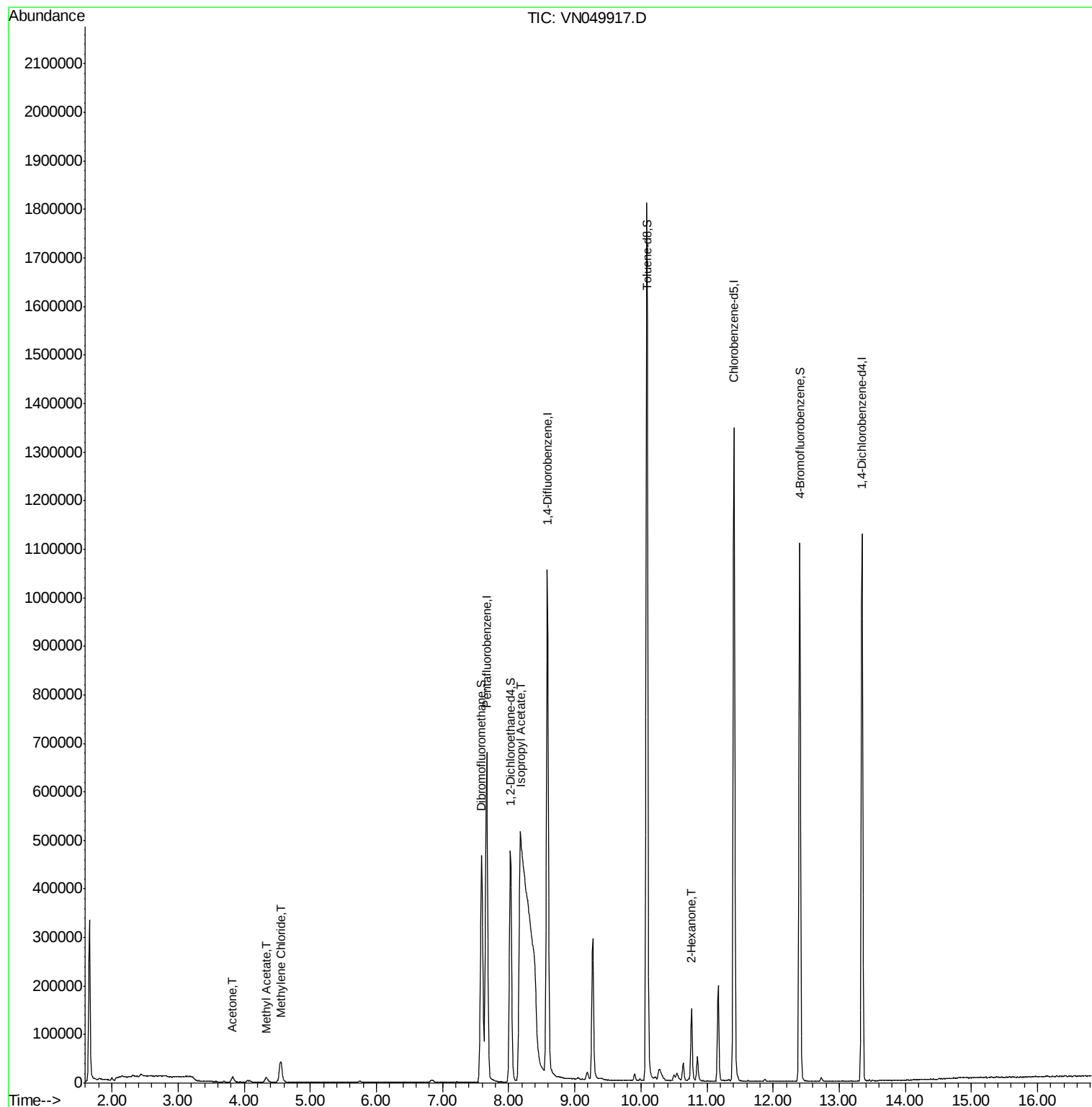
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	17136	8.35	ug/l	97
18) Methyl Acetate	4.33	43	19594	2.25	ug/l	95
20) Methylene Chloride	4.55	84	33796	4.33	ug/l	97
43) Isopropyl Acetate	8.17	43	1065810	82.07	ug/l #	73
59) 2-Hexanone	10.76	43	20157	4.13	ug/l #	58

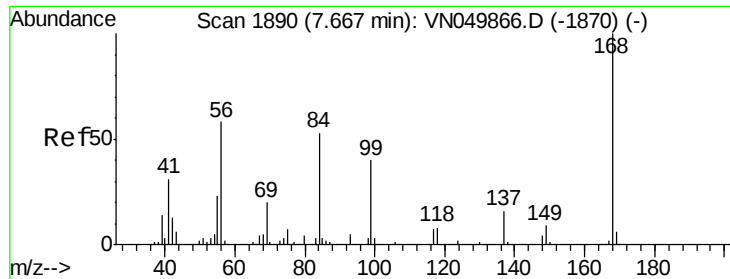
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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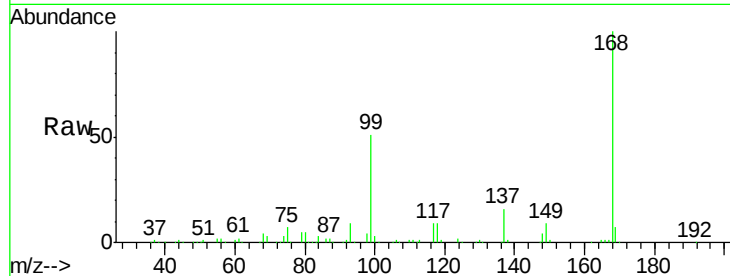


#1

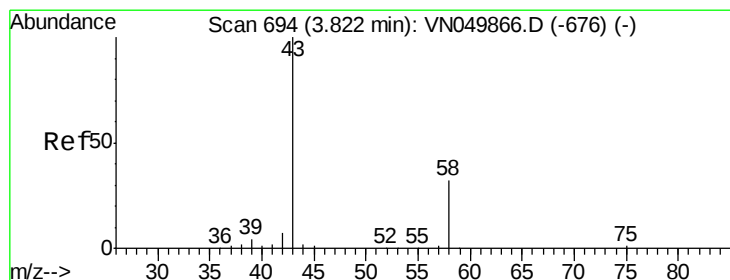
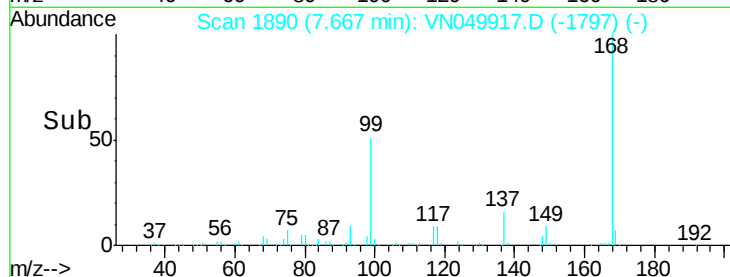
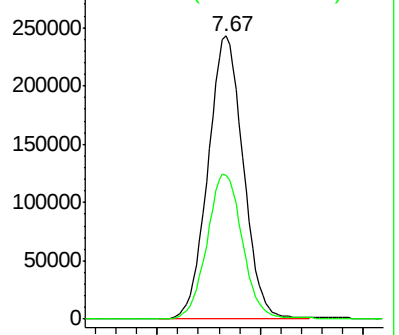
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: VN049917.D
 Acq: 19 Jul 2018 15:33

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111251ZHE#04

Tot Ion:168 Resp: 576823
 Ion Ratio Lower Upper
 168 100
 99 50.9 40.6 61.0



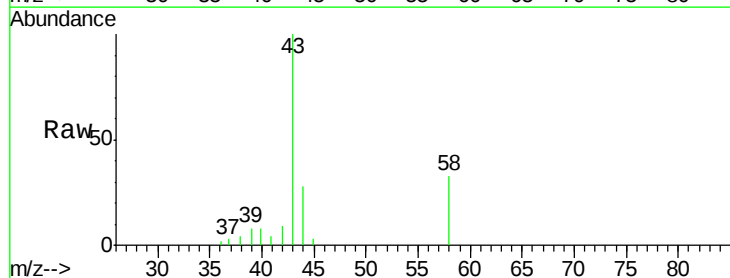
Abundance Ion 167.90 (167.60 to 168.60): V



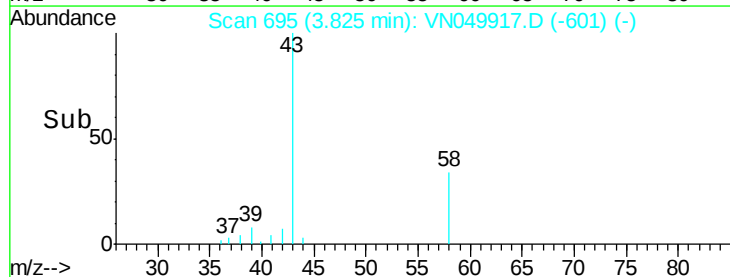
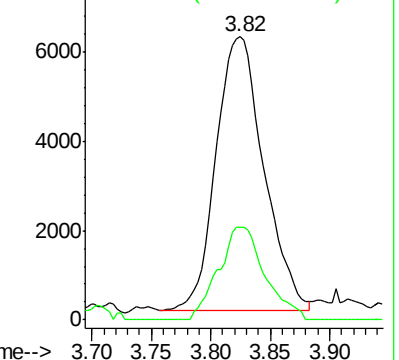
#16

Acetone
 Concen: 8.35 ug/l
 RT: 3.82 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: VN049917.D
 Acq: 19 Jul 2018 15:33

Tgt Ion: 43 Resp: 17136
 Ion Ratio Lower Upper
 43 100
 58 33.8 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VNO

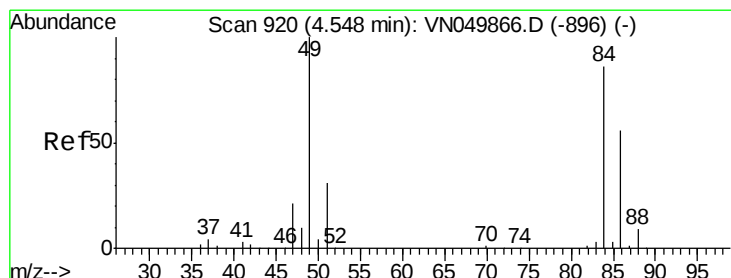
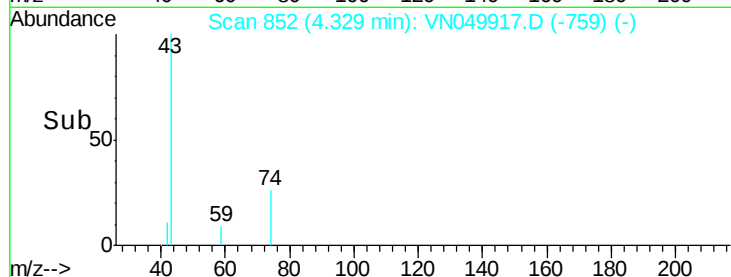
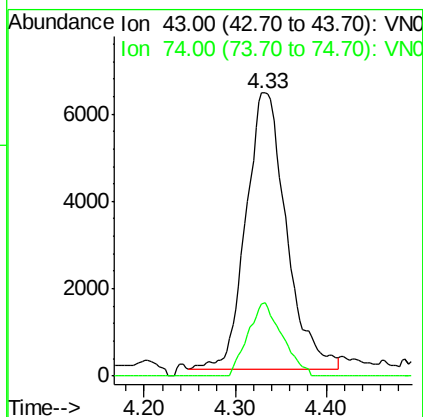
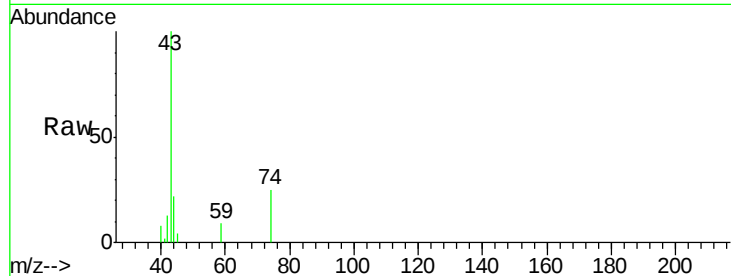




#18
Methvl Acetate
Concen: 2.25 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049917.D
Acq: 19 Jul 2018 15:33

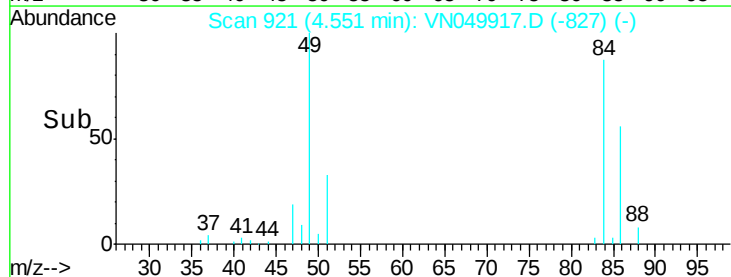
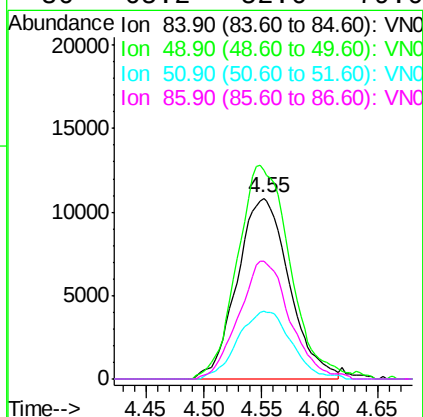
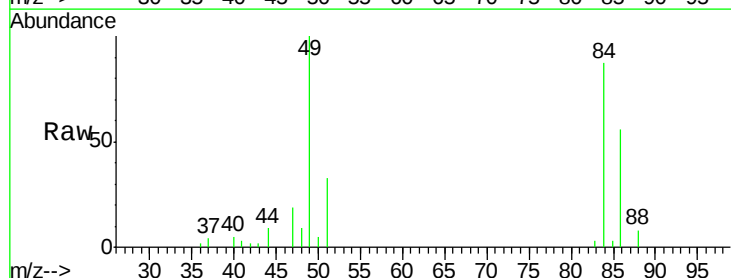
Instrument :
MSVOA_N
ClientSampleId :
PB111251ZHE#04

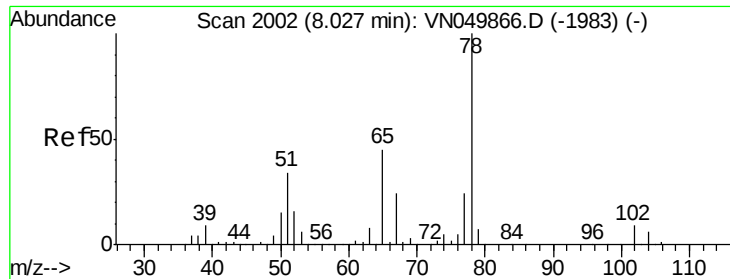
Tot Ion: 43 Resp: 19594
Ion Ratio Lower Upper
43 100
74 22.5 19.8 29.8



#20
Methylene Chloride
Concen: 4.33 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049917.D
Acq: 19 Jul 2018 15:33

Tgt Ion: 84 Resp: 33796
Ion Ratio Lower Upper
84 100
49 115.5 95.4 143.2
51 37.6 28.4 42.6
86 65.2 52.6 79.0

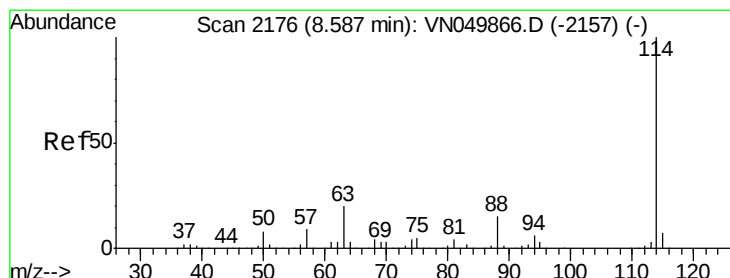
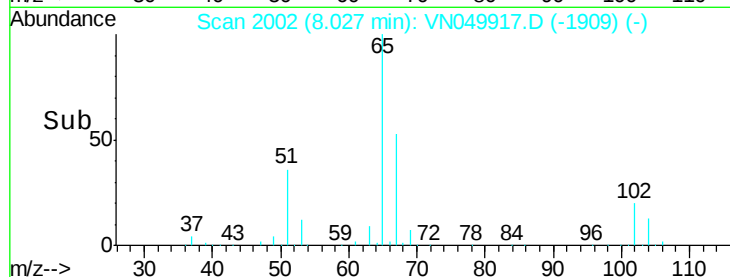
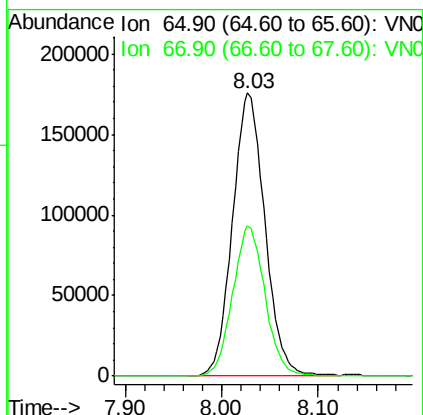
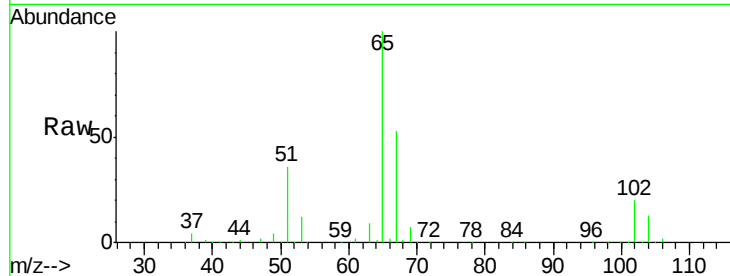




#33
 1,2-Dichloroethane-d4
 Concen: 51.55 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: VN049917.D
 Acq: 19 Jul 2018 15:33

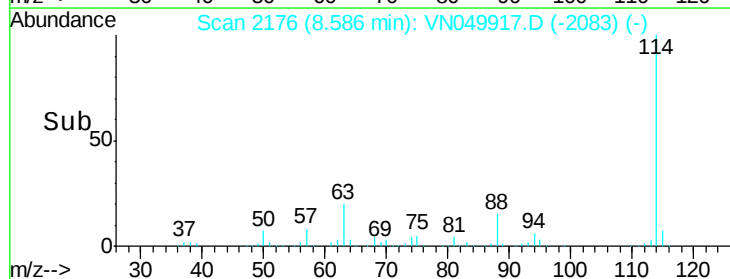
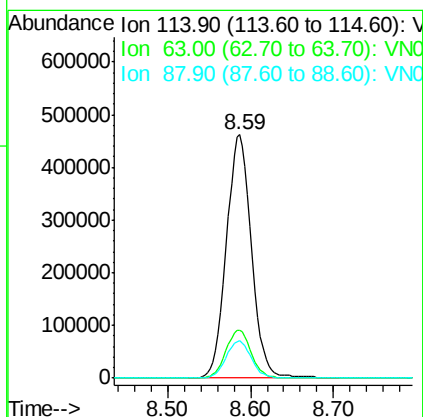
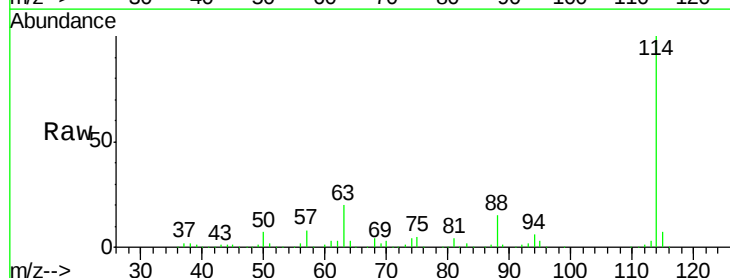
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111251ZHE#04

Tot Ion: 65 Resp: 408671
 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: VN049917.D
 Acq: 19 Jul 2018 15:33

Tgt Ion: 114 Resp: 973507
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.8
 88 15.2 0.0 30.6

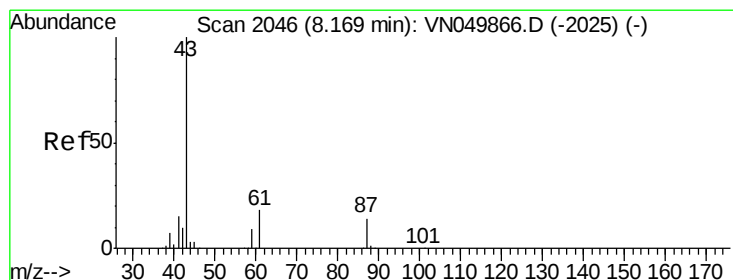
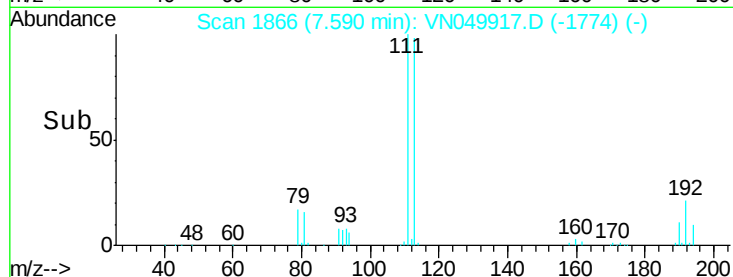
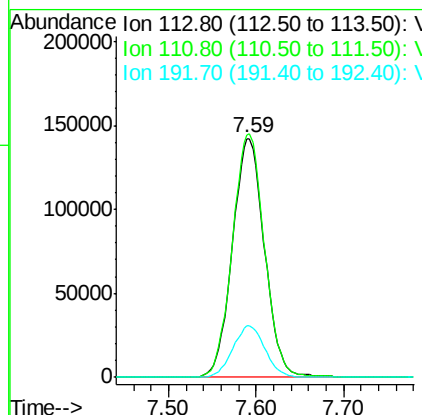
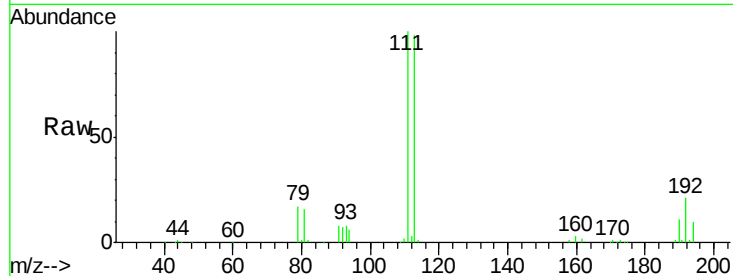




#35
 Dibromofluoromethane
 Concen: 44.23 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN049917.D
 Acq: 19 Jul 2018 15:33

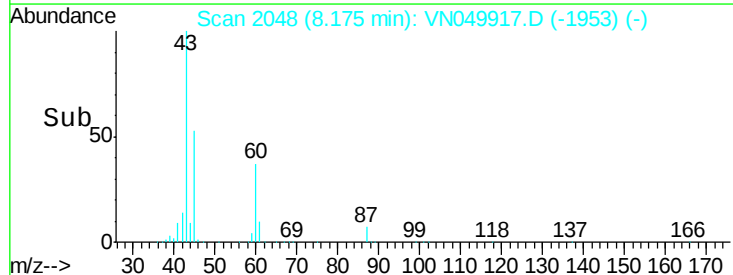
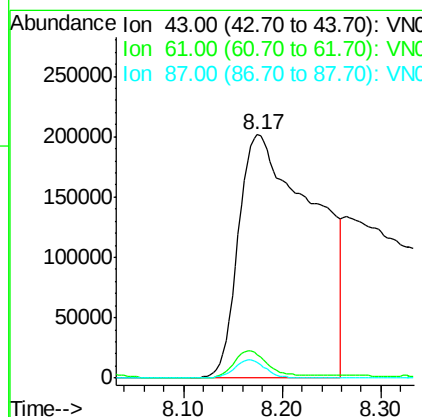
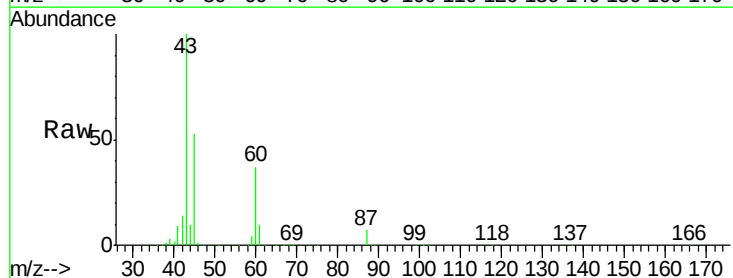
Instrument :
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 ClientSampleId :
 PB111251ZHE#04

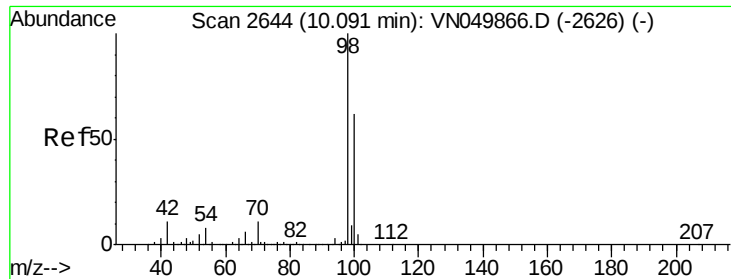
Tot Ion:113 Resp: 361455
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.8 122.8
 192 21.7 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 82.07 ug/l
 RT: 8.17 min Scan# 2048
 Delta R.T. 0.01 min
 Lab File: VN049917.D
 Acq: 19 Jul 2018 15:33

Tgt Ion: 43 Resp: 1065810
 Ion Ratio Lower Upper
 43 100
 61 5.7 14.9 22.3#
 87 3.1 10.0 15.0#

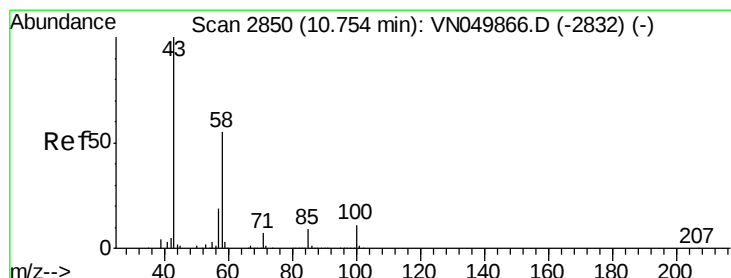
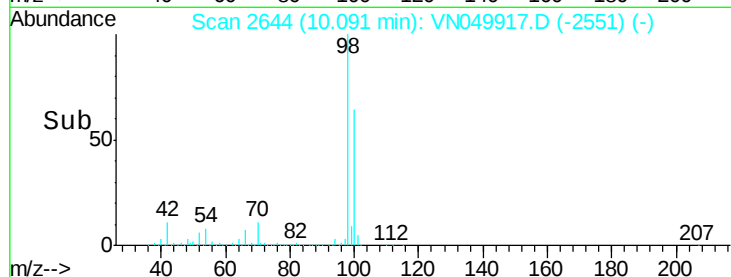
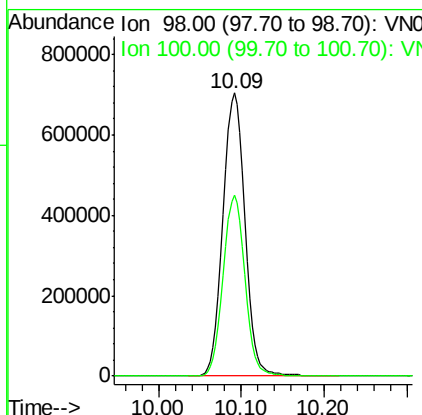
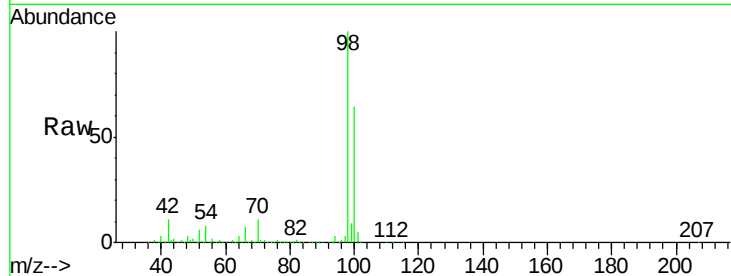




#50
Toluene-d8
Concen: 43.76 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN049917.D
Acq: 19 Jul 2018 15:33

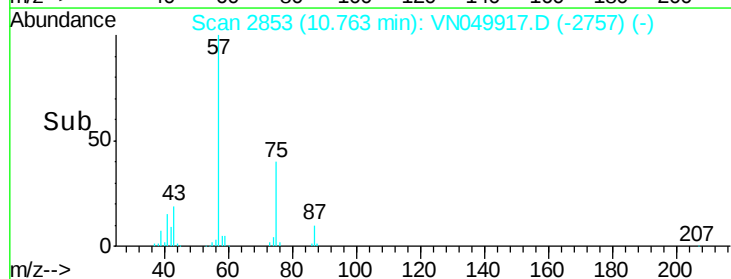
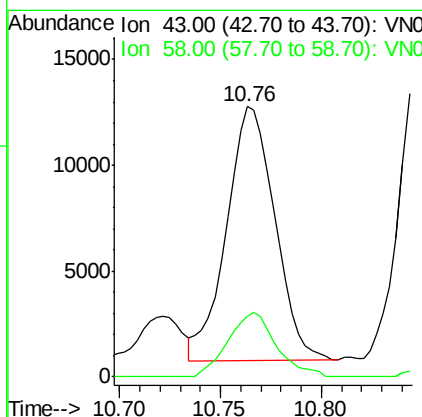
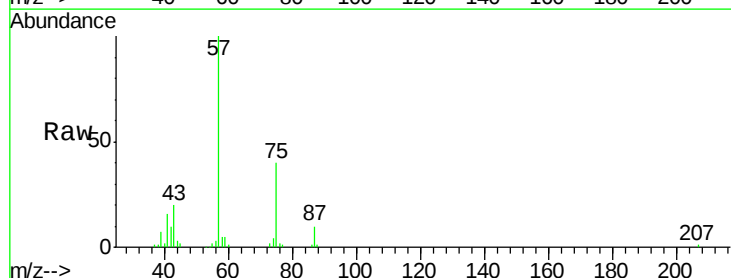
Instrument :
MSVOA_N
ClientSampleId :
PB111251ZHE#04

Tot Ion: 98 Resp: 1303021
Ion Ratio Lower Upper
98 100
100 63.0 51.7 77.5



#59
2-Hexanone
Concen: 4.13 ug/l
RT: 10.76 min Scan# 2853
Delta R.T. 0.01 min
Lab File: VN049917.D
Acq: 19 Jul 2018 15:33

Tgt Ion: 43 Resp: 20157
Ion Ratio Lower Upper
43 100
58 25.2 27.8 83.4#





#62

4-Bromofluorobenzene

Concen: 36.40 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049917.D

Acq: 19 Jul 2018 15:33

Instrument :

MSVOA_N

ClientSampleId :

PB111251ZHE#04

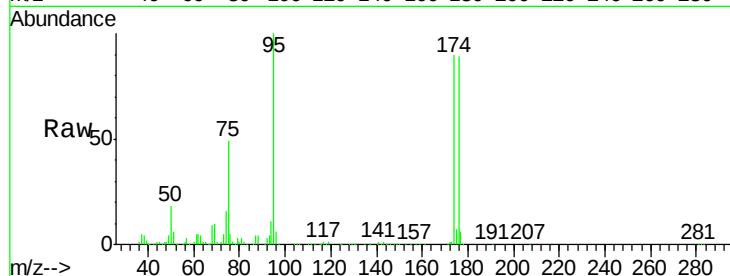
Tot Ion: 95 Resp: 373266

Ion Ratio Lower Upper

95 100

174 90.2 0.0 179.6

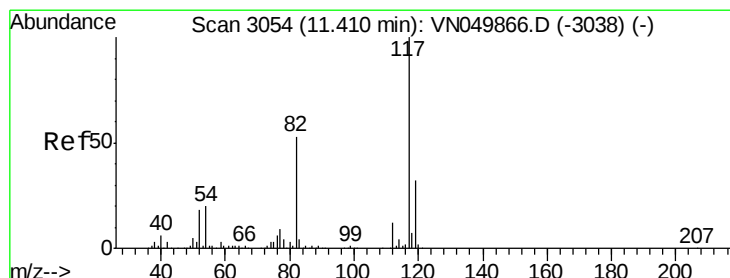
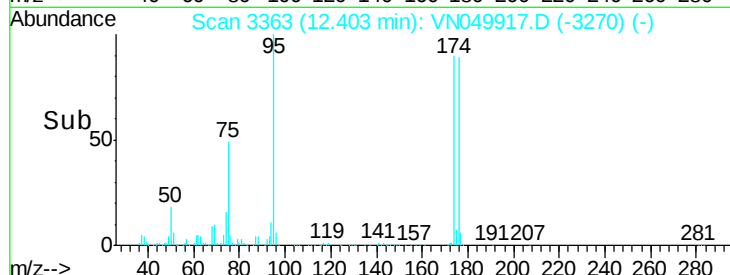
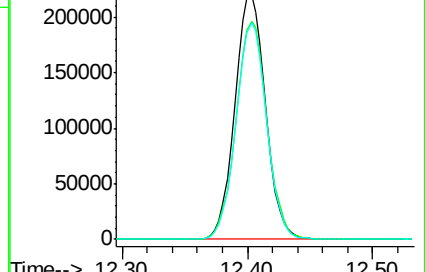
176 88.2 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): VN049917.D (-2961) (-)

Ion 173.80 (173.50 to 174.50): VN049917.D (-2961) (-)

Ion 175.80 (175.50 to 176.50): VN049917.D (-2961) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3053

Delta R.T. -0.00 min

Lab File: VN049917.D

Acq: 19 Jul 2018 15:33

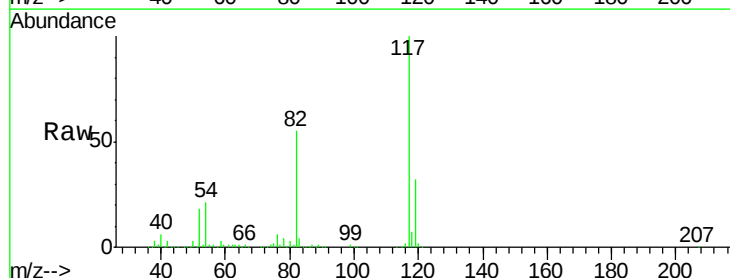
Tgt Ion: 117 Resp: 825975

Ion Ratio Lower Upper

117 100

82 54.5 41.9 62.9

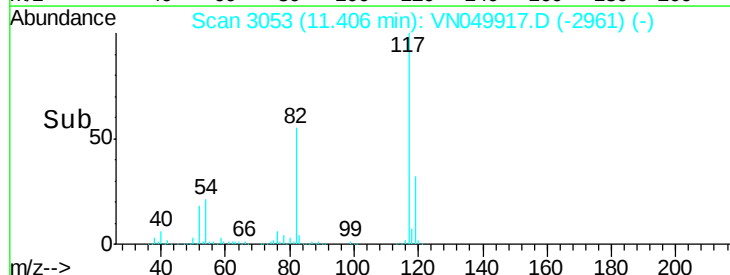
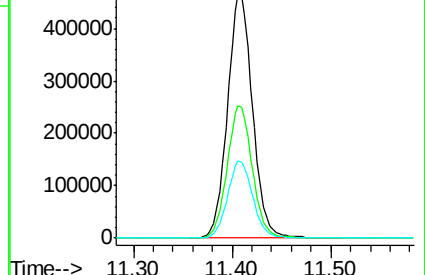
119 31.5 25.4 38.2

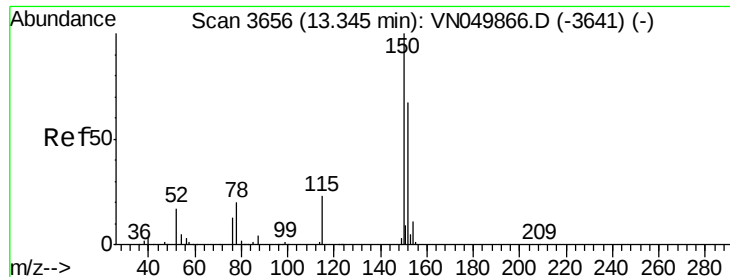


Abundance Ion 116.90 (116.60 to 117.60): VN049917.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049917.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049917.D (-2961) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN049917.D

Acq: 19 Jul 2018 15:33

Instrument :

MSVOA_N

ClientSampleId :

PB111251ZHE#04

Tot Ion:152 Resp: 323774

Ion Ratio Lower Upper

152 100

115 55.9 28.1 84.2

150 157.0 0.0 347.6

