

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071918\
 Data File : VN049924.D
 Acq On : 19 Jul 2018 18:34
 Operator : MD\SY
 Sample : PB111251ZHE#11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111251ZHE#11

Quant Time: Jul 20 02:19:42 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	558516	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	961763	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	809424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	305877	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	412621	53.75	ug/l	0.00
Spiked Amount						
			Recovery	=	107.50%	
35) Dibromofluoromethane	7.59	113	362970	44.96	ug/l	0.00
Spiked Amount						
			Recovery	=	89.92%	
50) Toluene-d8	10.09	98	1280751	43.54	ug/l	0.00
Spiked Amount						
			Recovery	=	87.08%	
62) 4-Bromofluorobenzene	12.40	95	354747	35.01	ug/l	0.00
Spiked Amount						
			Recovery	=	70.02%	

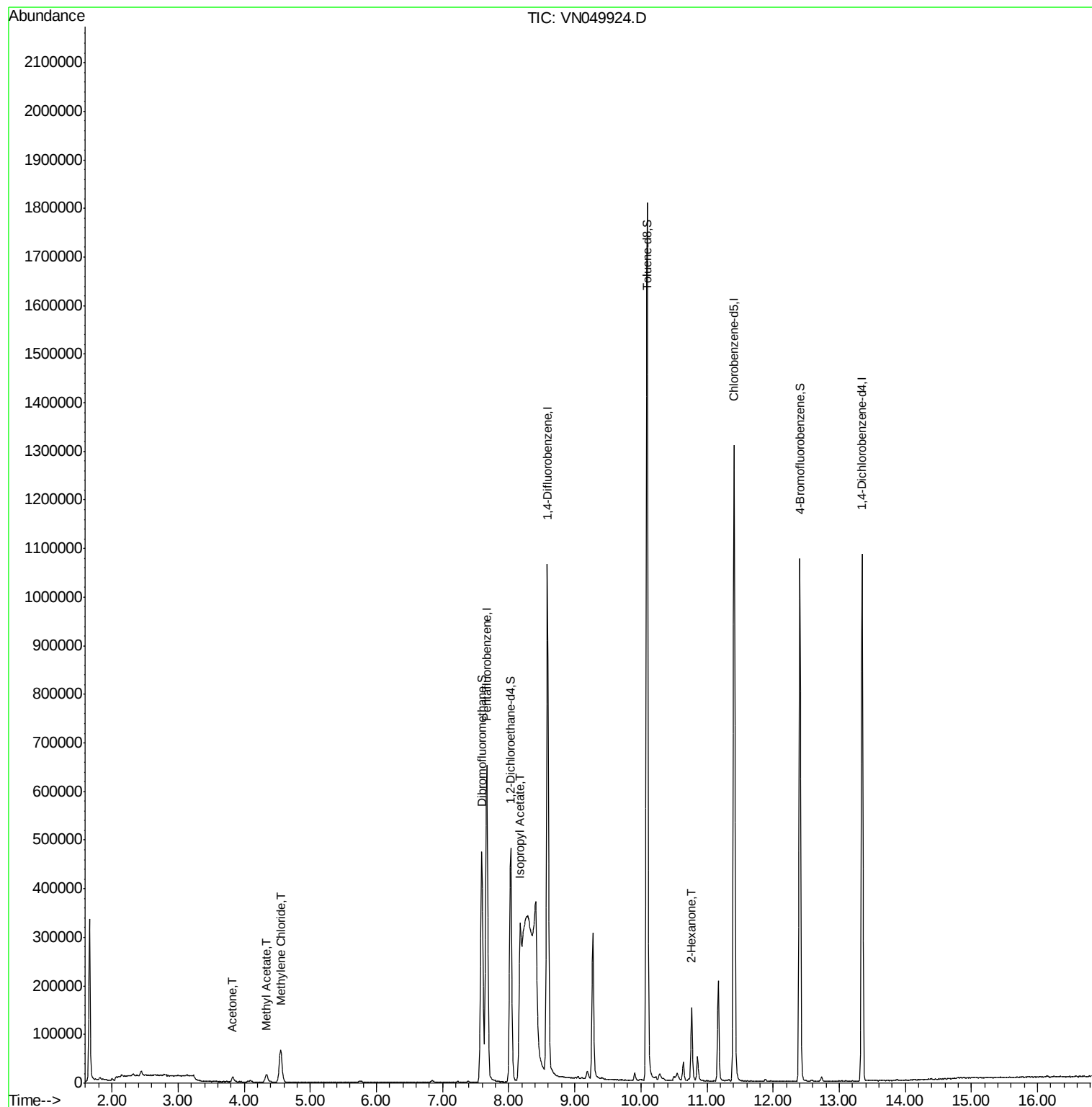
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	16024	8.06	ug/l	95
18) Methyl Acetate	4.34	43	31360	4.27	ug/l	91
20) Methylene Chloride	4.55	84	50664	6.70	ug/l	98
43) Isopropyl Acetate	8.17	43	409506	31.92	ug/l #	88
59) 2-Hexanone	10.77	43	20401	4.24	ug/l #	58

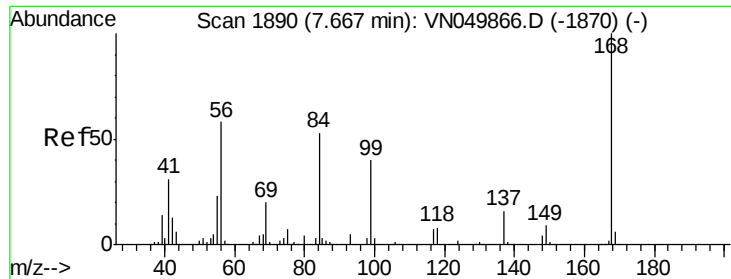
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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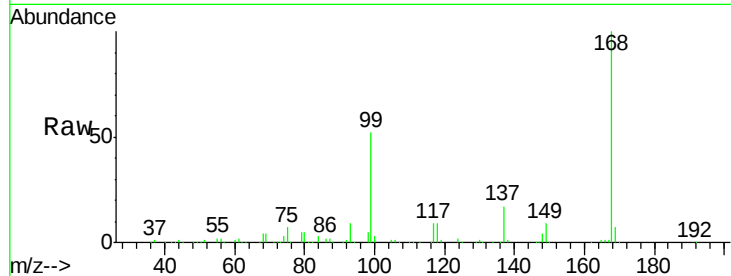




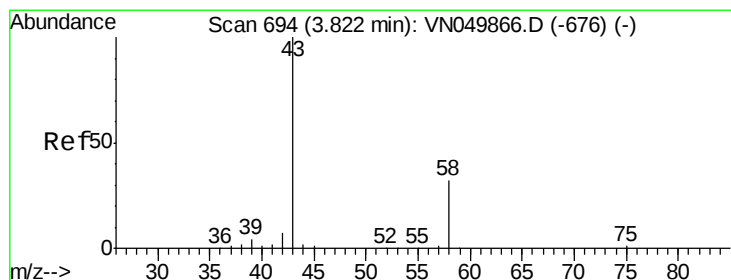
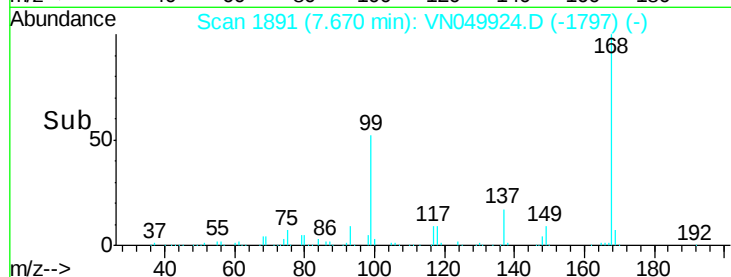
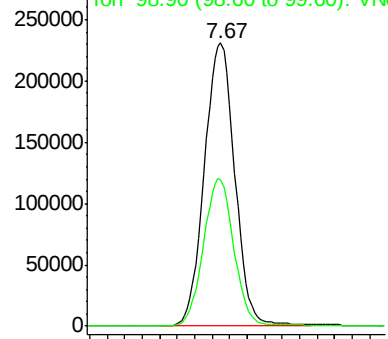
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.00 min
Lab File: VN049924.D
Acq: 19 Jul 2018 18:34

Instrument :
MSVOA_N
ClientSampleId :
PB111251ZHE#11

Tot Ion:168 Resp: 558516
Ion Ratio Lower Upper
168 100
99 51.6 40.6 61.0

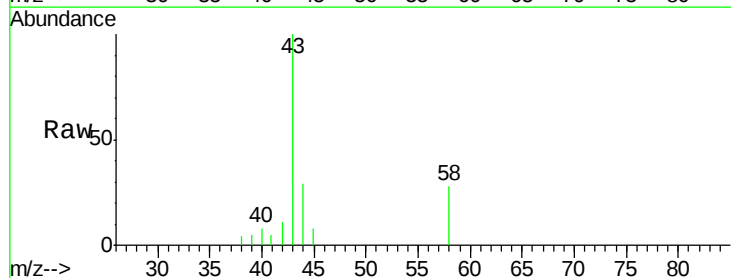


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VNO

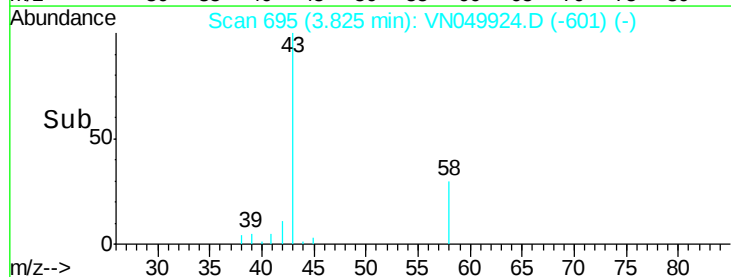
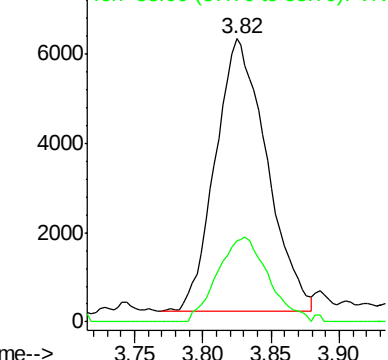


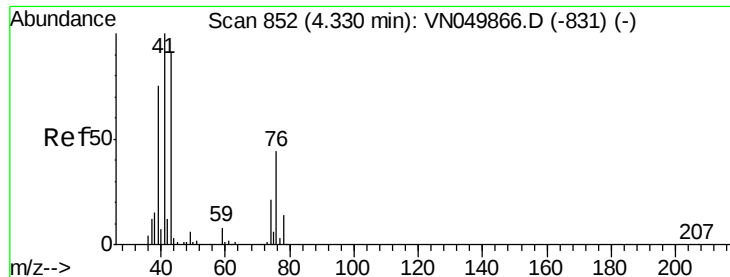
#16
Acetone
Concen: 8.06 ug/l
RT: 3.82 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN049924.D
Acq: 19 Jul 2018 18:34

Tgt Ion: 43 Resp: 16024
Ion Ratio Lower Upper
43 100
58 29.5 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 58.00 (57.70 to 58.70): VNO

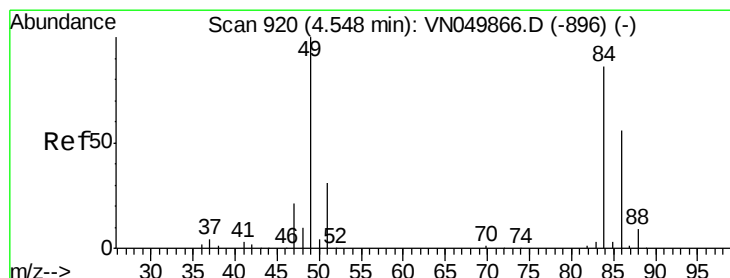
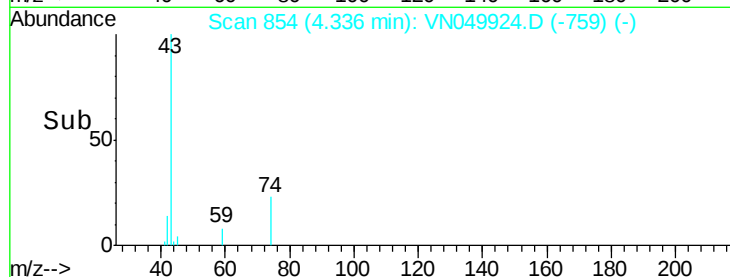
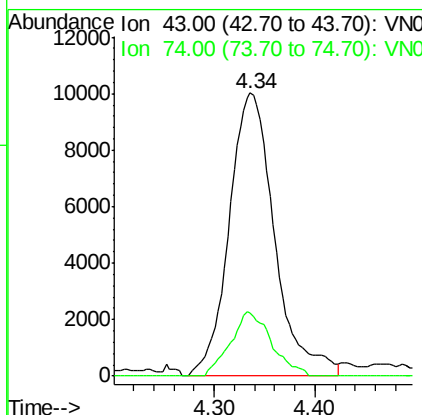
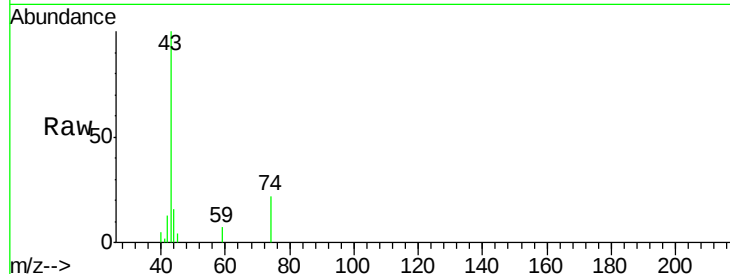




#18
Methvl Acetate
Concen: 4.27 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN049924.D
Acq: 19 Jul 2018 18:34

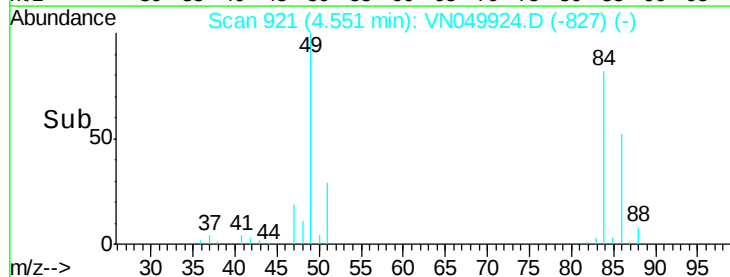
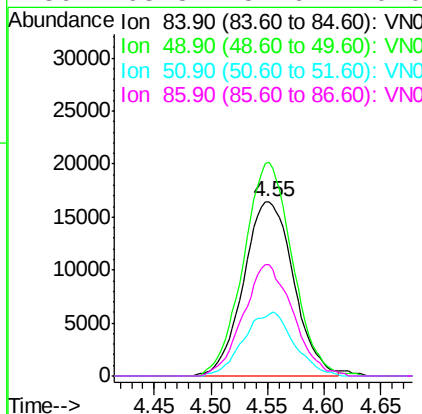
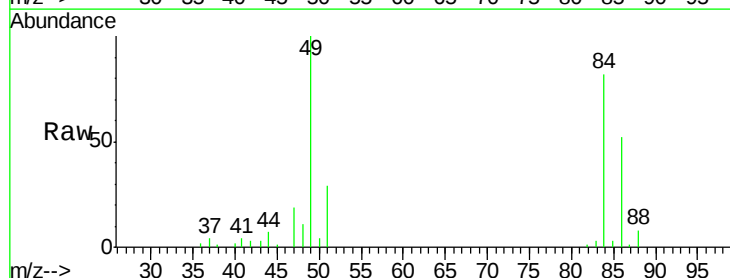
Instrument :
MSVOA_N
ClientSampleId :
PB111251ZHE#11

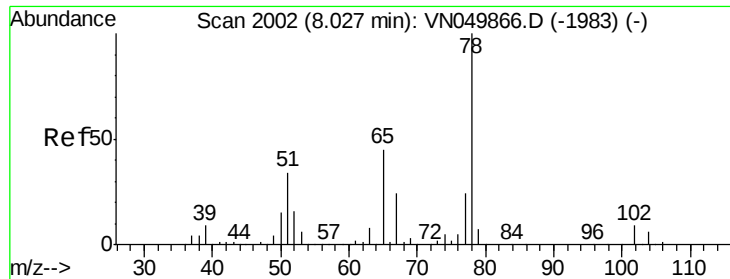
Tot Ion: 43 Resp: 31360
Ion Ratio Lower Upper
43 100
74 20.5 19.8 29.8



#20
Methylene Chloride
Concen: 6.70 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049924.D
Acq: 19 Jul 2018 18:34

Tgt Ion: 84 Resp: 50664
Ion Ratio Lower Upper
84 100
49 122.4 95.4 143.2
51 35.4 28.4 42.6
86 63.8 52.6 79.0

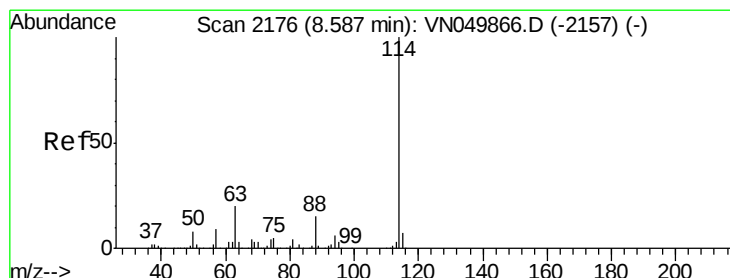
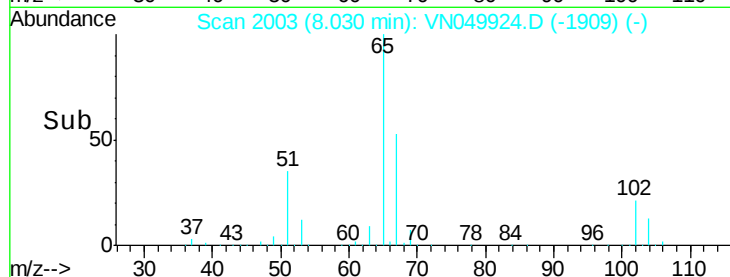
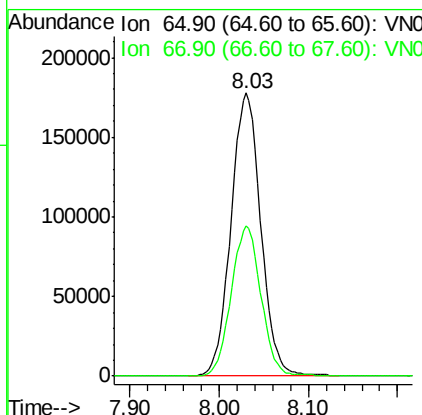
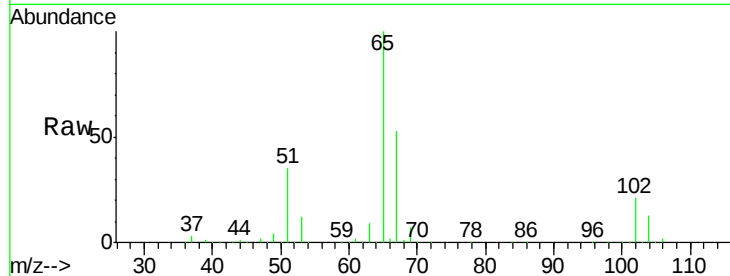




#33
 1,2-Dichloroethane-d4
 Concen: 53.75 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049924.D
 Acq: 19 Jul 2018 18:34

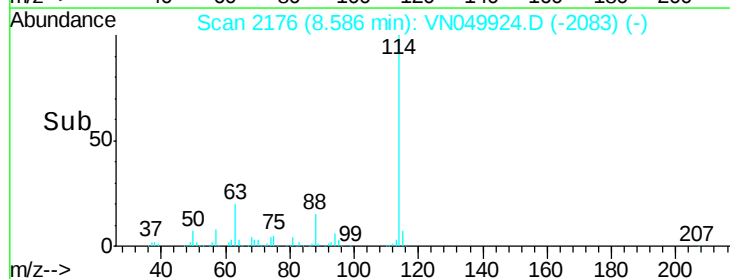
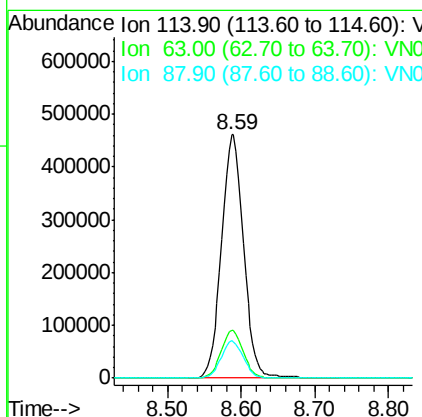
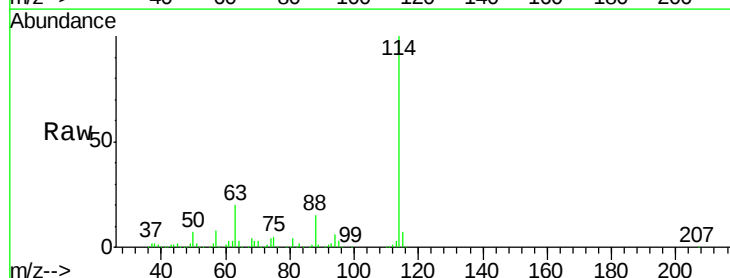
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111251ZHE#11

Tot Ion: 65 Resp: 412621
 Ion Ratio Lower Upper
 65 100
 67 52.5 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: VN049924.D
 Acq: 19 Jul 2018 18:34

Tgt Ion: 114 Resp: 961763
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.8
 88 15.5 0.0 30.6

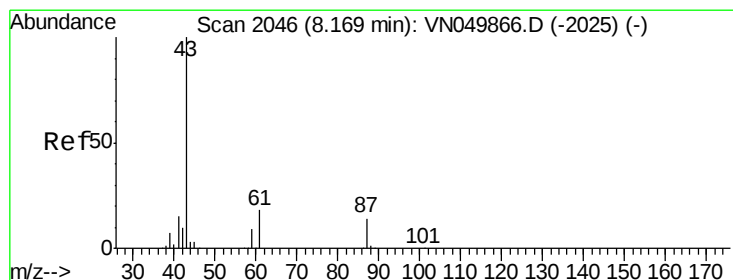
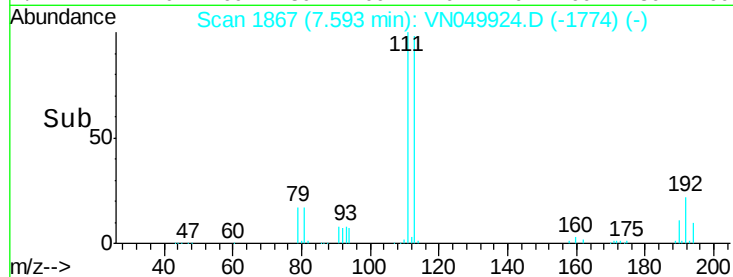
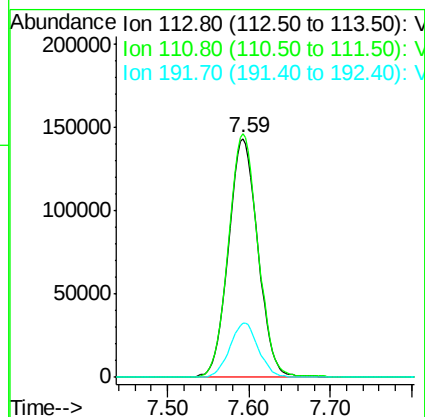
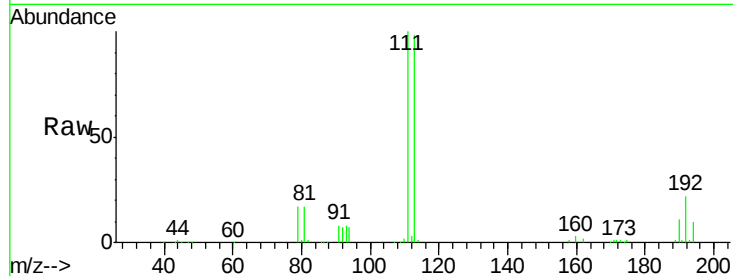




#35
 Dibromofluoromethane
 Concen: 44.96 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049924.D
 Acq: 19 Jul 2018 18:34

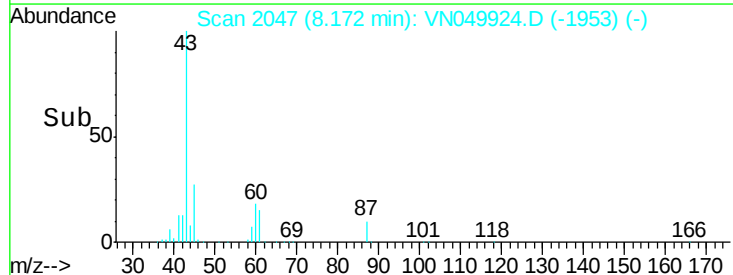
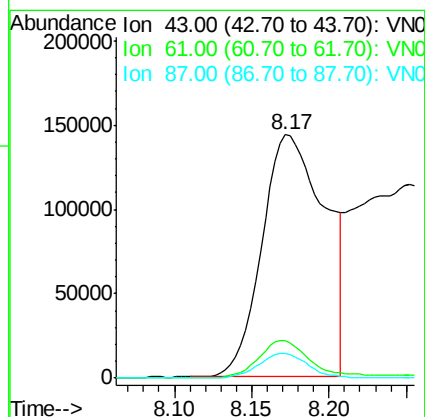
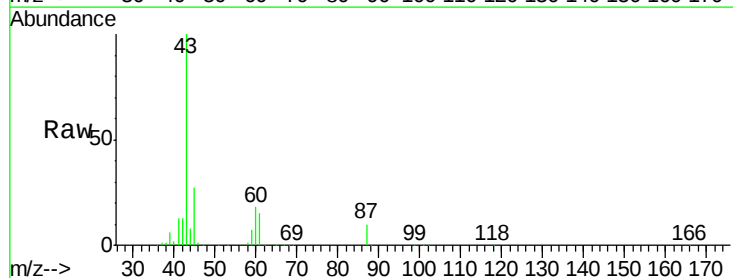
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111251ZHE#11

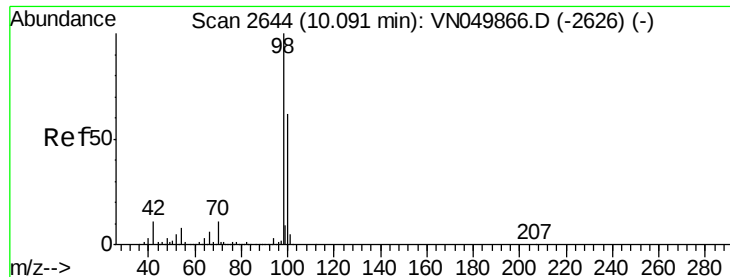
Tot Ion:113 Resp: 362970
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.8 122.8
 192 22.1 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 31.92 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN049924.D
 Acq: 19 Jul 2018 18:34

Tgt Ion: 43 Resp: 409506
 Ion Ratio Lower Upper
 43 100
 61 12.9 14.9 22.3#
 87 7.9 10.0 15.0#

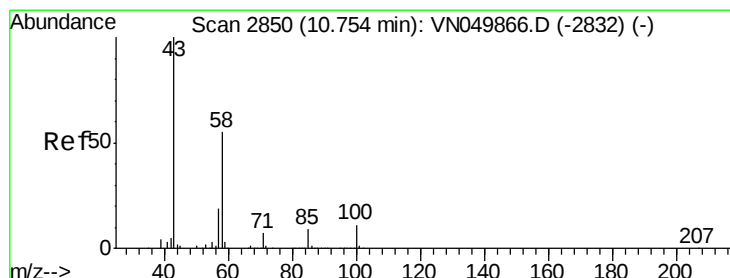
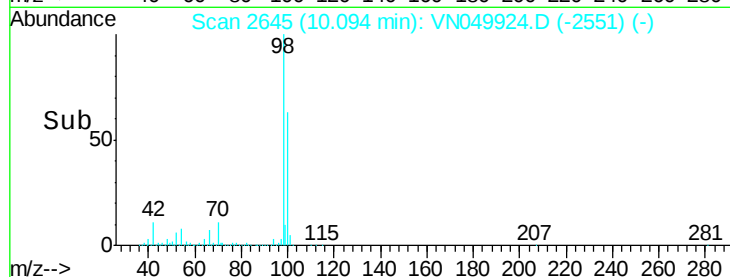
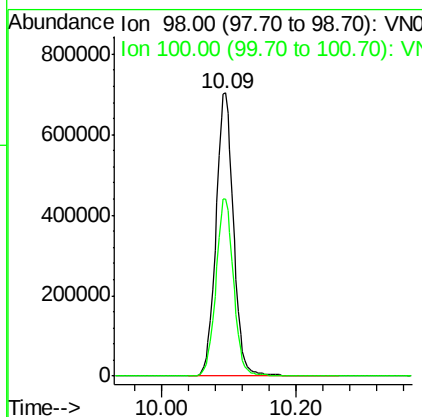
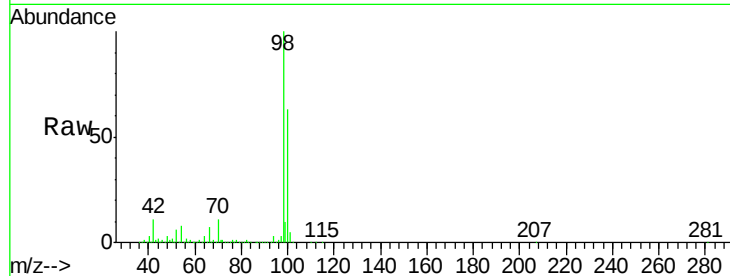




#50
Toluene-d8
Concen: 43.54 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049924.D
Acq: 19 Jul 2018 18:34

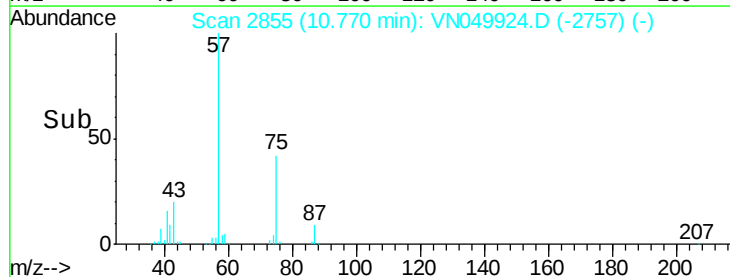
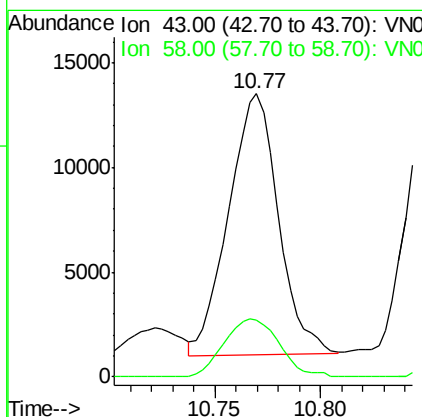
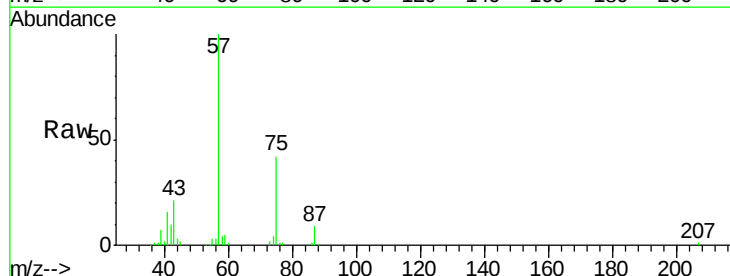
Instrument :
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PB111251ZHE#11

Tot Ion: 98 Resp: 1280751
Ion Ratio Lower Upper
98 100
100 63.1 51.7 77.5



#59
2-Hexanone
Concen: 4.24 ug/l
RT: 10.77 min Scan# 2855
Delta R.T. 0.02 min
Lab File: VN049924.D
Acq: 19 Jul 2018 18:34

Tgt Ion: 43 Resp: 20401
Ion Ratio Lower Upper
43 100
58 24.7 27.8 83.4#





#62

4-Bromofluorobenzene

Concen: 35.01 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049924.D

Acq: 19 Jul 2018 18:34

Instrument :

MSVOA_N

ClientSampleId :

PB111251ZHE#11

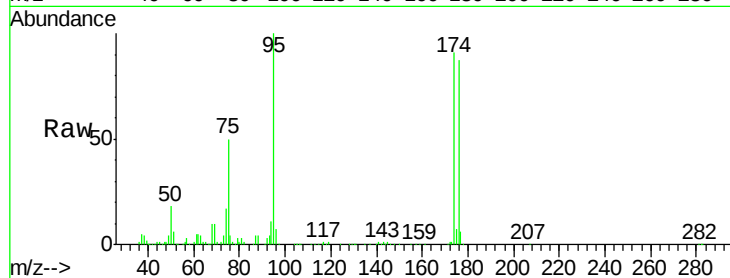
Tot Ion: 95 Resp: 354747

Ion Ratio Lower Upper

95 100

174 92.5 0.0 179.6

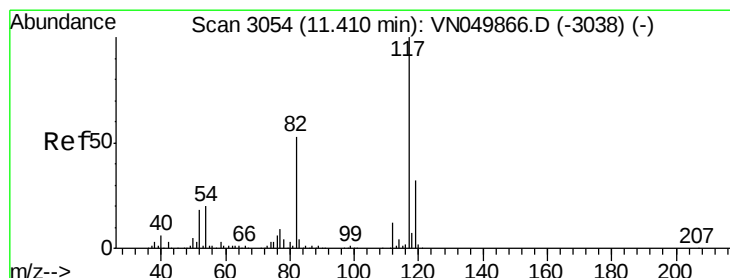
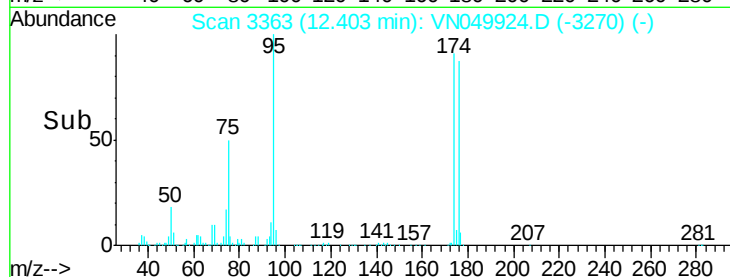
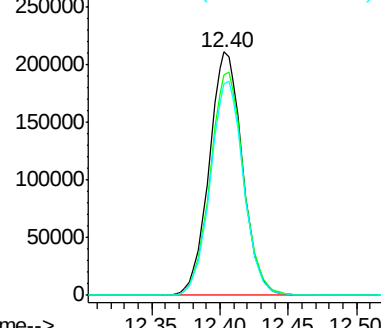
176 87.8 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049924.D

Acq: 19 Jul 2018 18:34

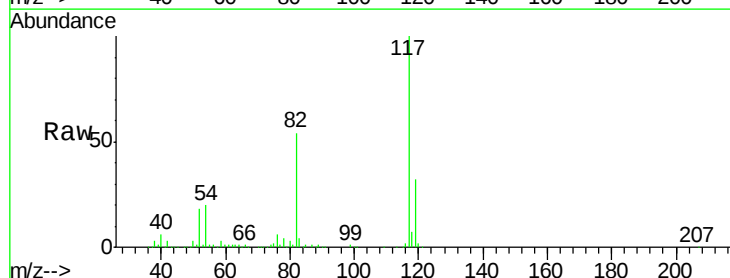
Tgt Ion: 117 Resp: 809424

Ion Ratio Lower Upper

117 100

82 54.0 41.9 62.9

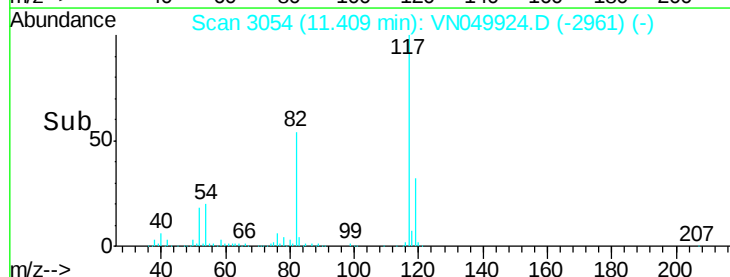
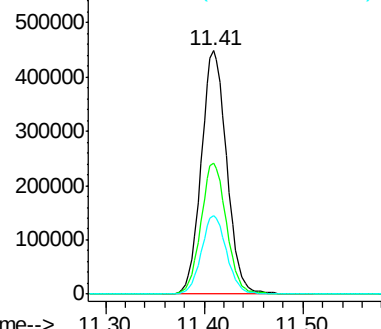
119 32.1 25.4 38.2

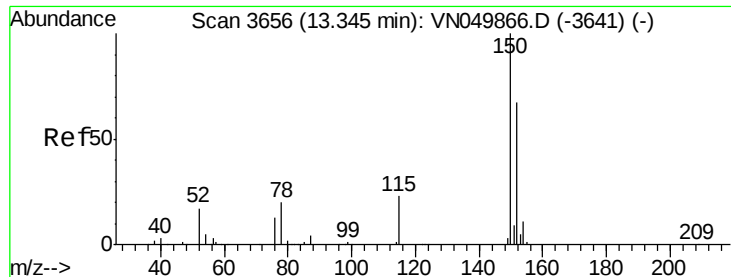


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049924.D

Acq: 19 Jul 2018 18:34

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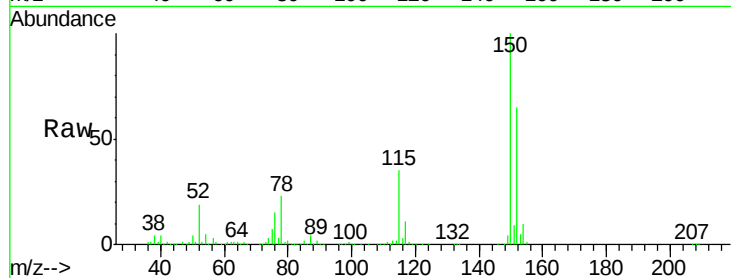
Tot Ion:152 Resp: 305877

Ion Ratio Lower Upper

152 100

115 55.5 28.1 84.2

150 156.1 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

