

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062218\
 Data File : VN049495.D
 Acq On : 22 Jun 2018 16:49
 Operator : MD\SY
 Sample : J3649-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VOC-DRUM

Quant Time: Jun 22 23:05:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1561666	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2437354	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2036961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	544574	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	1078179	52.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.10%	
35) Dibromofluoromethane	7.59	113	956746	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
50) Toluene-d8	10.09	98	3405945	45.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.72%	
62) 4-Bromofluorobenzene	12.40	95	834530	33.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.22%	

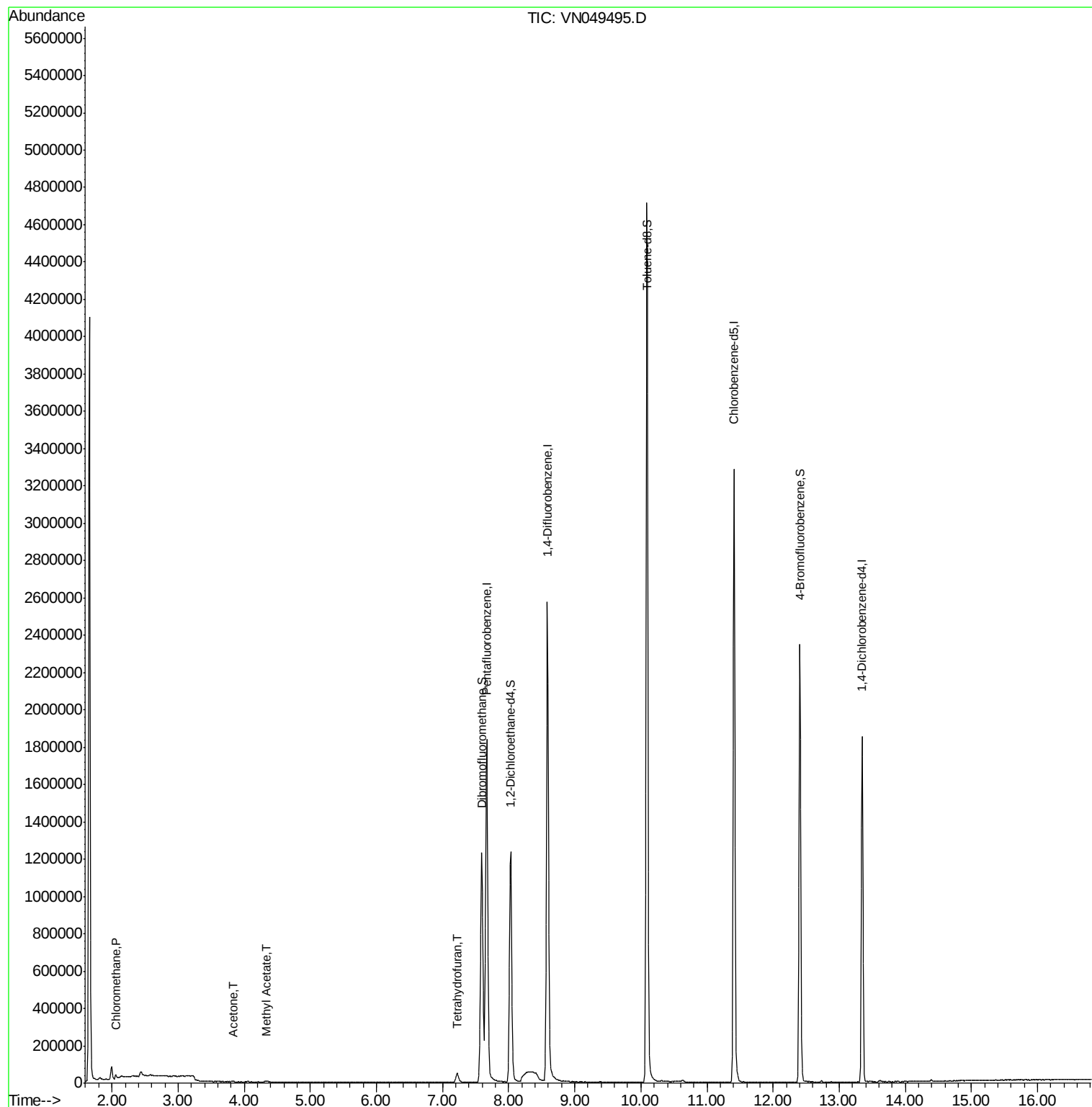
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	18421	0.79	ug/l	95
16) Acetone	3.83	43	2747	0.55	ug/l #	83
18) Methyl Acetate	4.34	43	14548	0.95	ug/l	96
29) Tetrahydrofuran	7.22	42	39381	9.06	ug/l	96

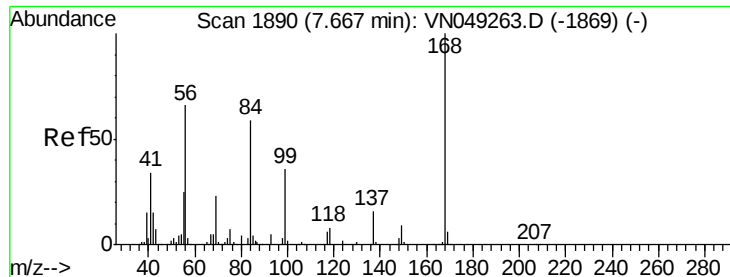
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN049495.D

Acq: 22 Jun 2018 16:49

Instrument :

MSVOA_N

ClientSampleId :

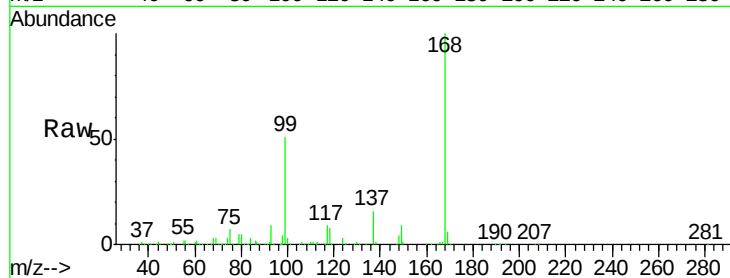
VOC-DRUM

Tot Ion:168 Resp: 1561666

Ion Ratio Lower Upper

168 100

99 51.0 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

600000

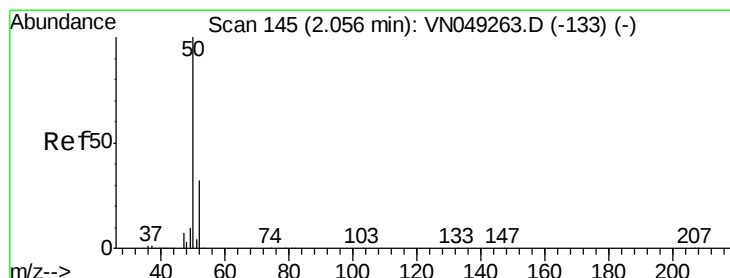
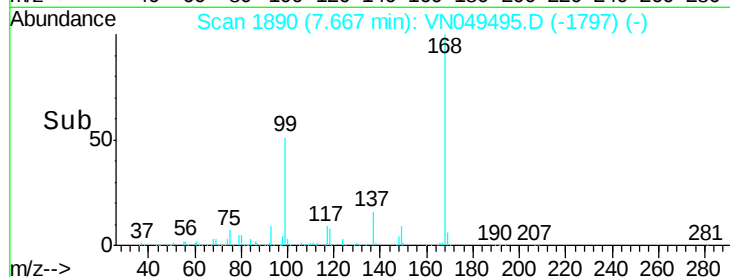
400000

200000

0

Time-->

7.60 7.70 7.80



#3

Chloromethane

Concen: 0.79 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049495.D

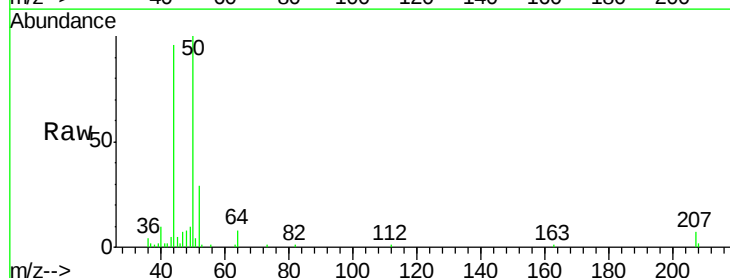
Acq: 22 Jun 2018 16:49

Tgt Ion: 50 Resp: 18421

Ion Ratio Lower Upper

50 100

52 28.5 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

15000

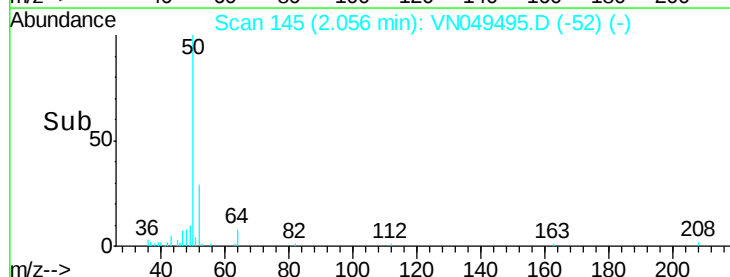
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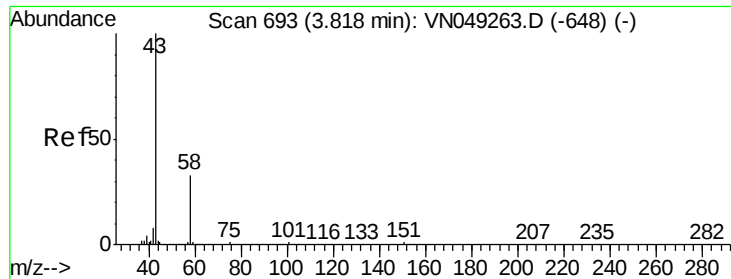
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0

Time-->

2.00 2.05 2.10





#16

Acetone

Concen: 0.55 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN049495.D

Acq: 22 Jun 2018 16:49

Instrument :

MSVOA_N

ClientSampled :

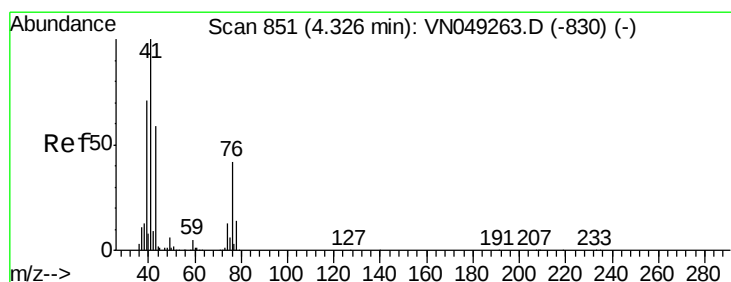
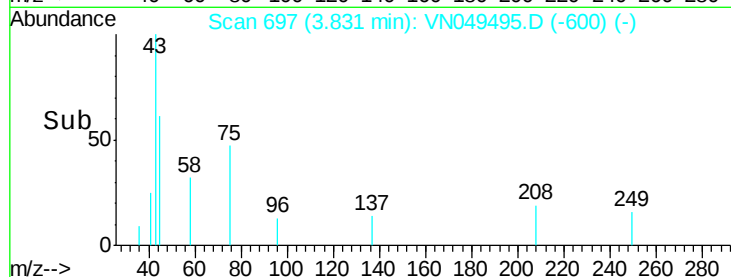
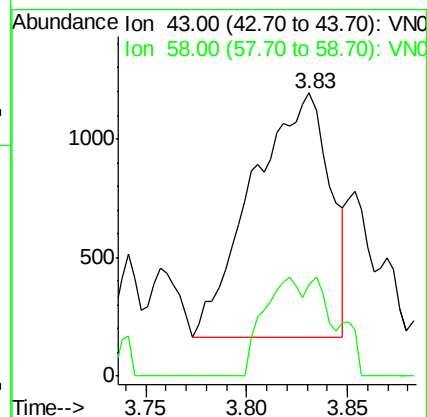
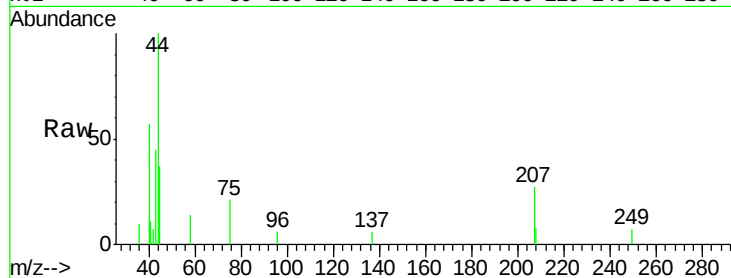
VOC-DRUM

Tot Ion: 43 Resp: 2747

Ion Ratio Lower Upper

43 100

58 37.2 22.4 33.6#



#18

Methyl Acetate

Concen: 0.95 ug/l

RT: 4.34 min Scan# 854

Delta R.T. 0.01 min

Lab File: VN049495.D

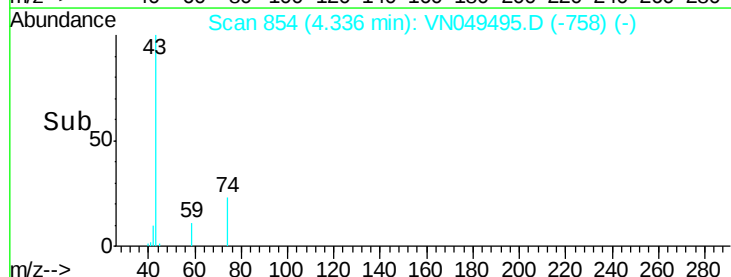
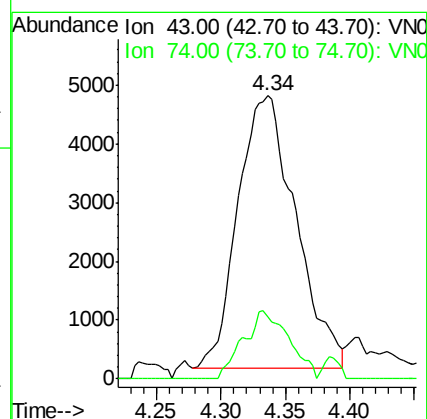
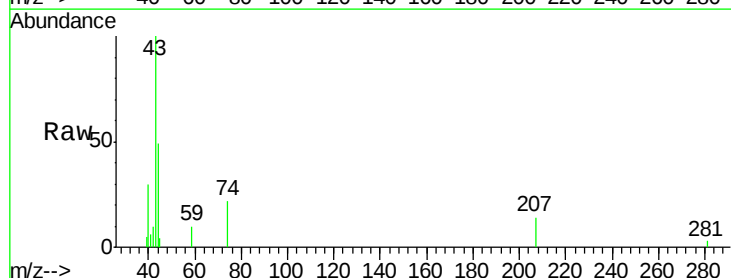
Acq: 22 Jun 2018 16:49

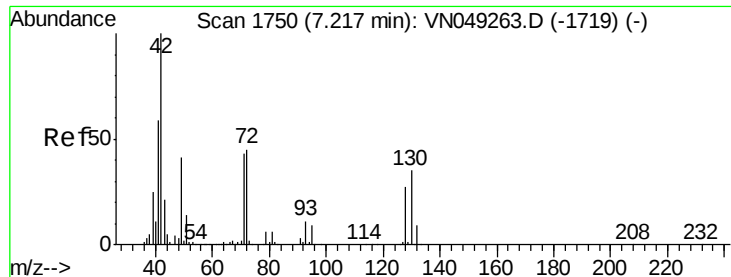
Tgt Ion: 43 Resp: 14548

Ion Ratio Lower Upper

43 100

74 19.6 17.4 26.0

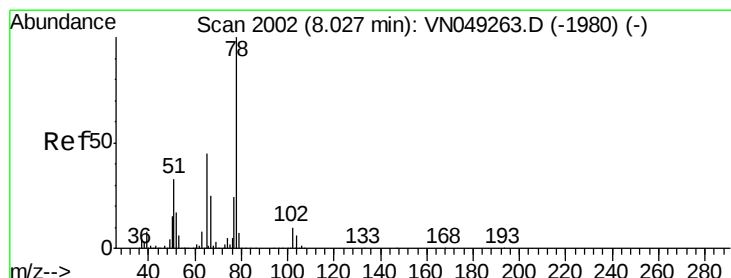
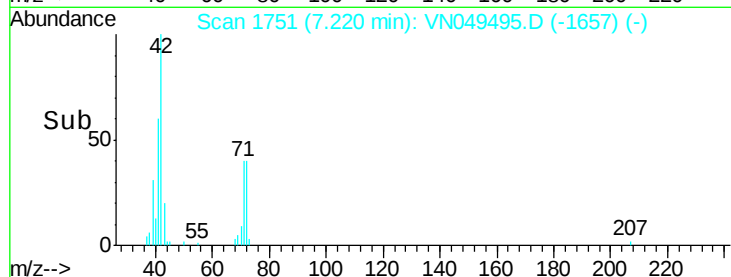
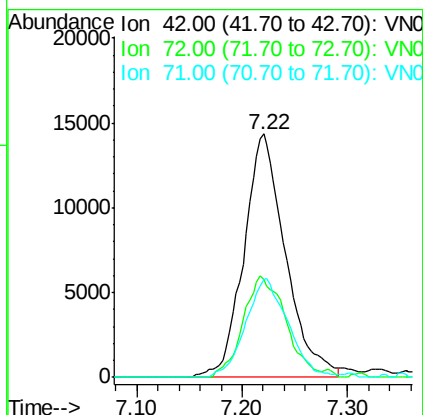
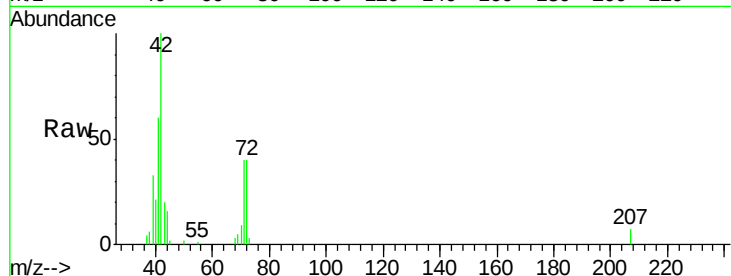




#29
Tetrahydrofuran
Concen: 9.06 ug/l
RT: 7.22 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VN049495.D
Acq: 22 Jun 2018 16:49

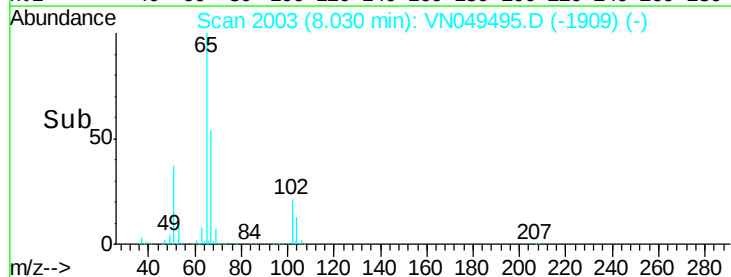
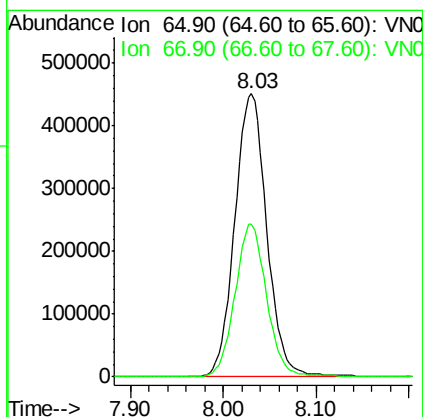
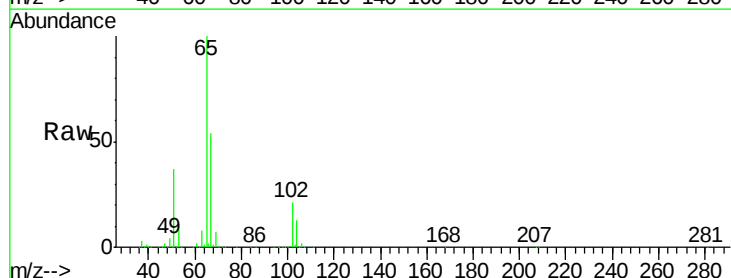
Instrument :
MSVOA_N
ClientSampleId :
VOC-DRUM

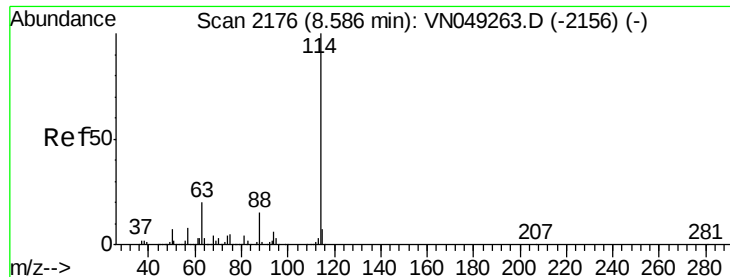
Tot Ion: 42 Resp: 39381
Ion Ratio Lower Upper
42 100
72 42.4 32.2 48.4
71 41.0 30.5 45.7



#33
1,2-Dichloroethane-d4
Concen: 52.05 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049495.D
Acq: 22 Jun 2018 16:49

Tgt Ion: 65 Resp: 1078179
Ion Ratio Lower Upper
65 100
67 53.5 0.0 103.8

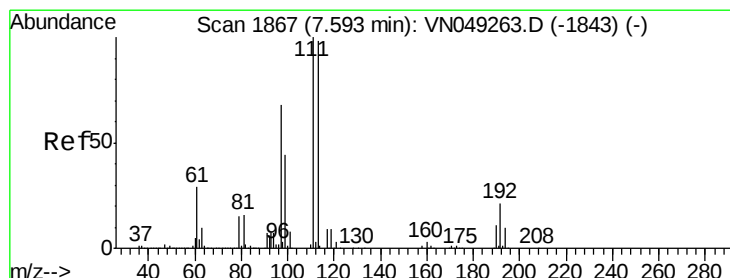
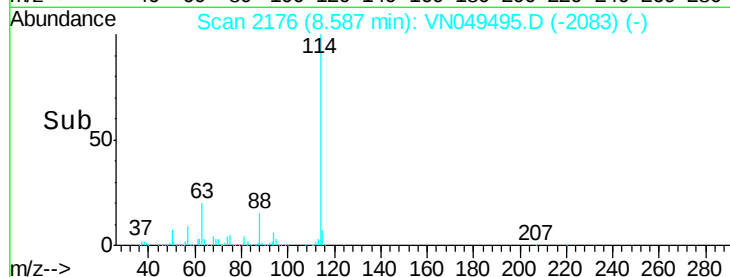
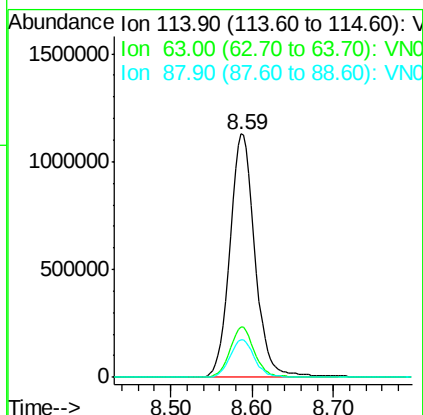
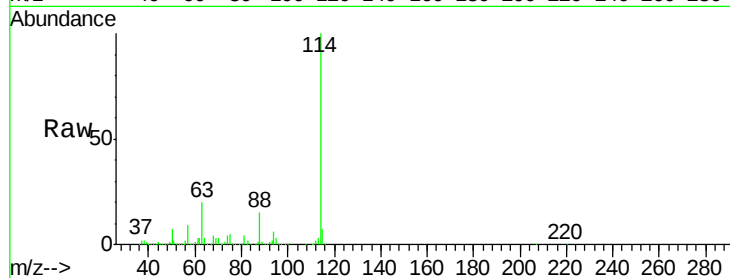




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049495.D
 Acq: 22 Jun 2018 16:49

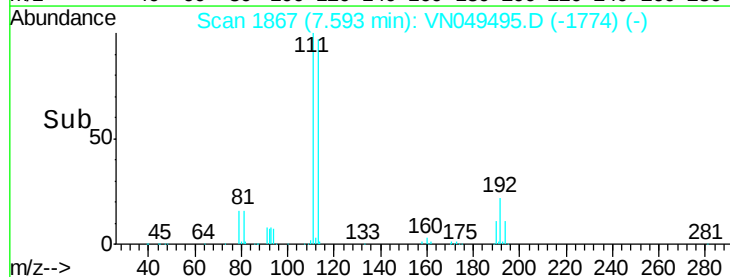
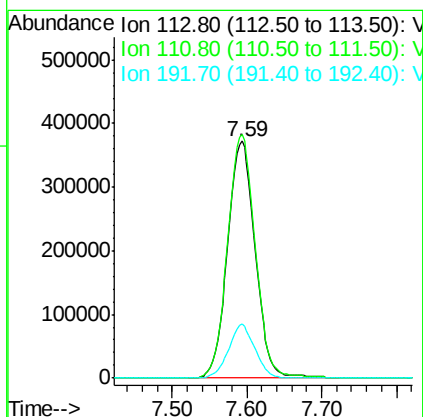
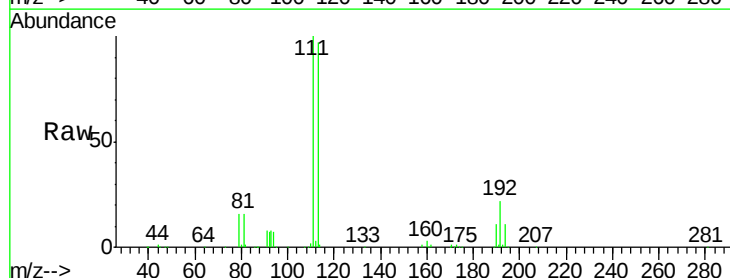
Instrument :
 MSVOA_N
 ClientSampleId :
 VOC-DRUM

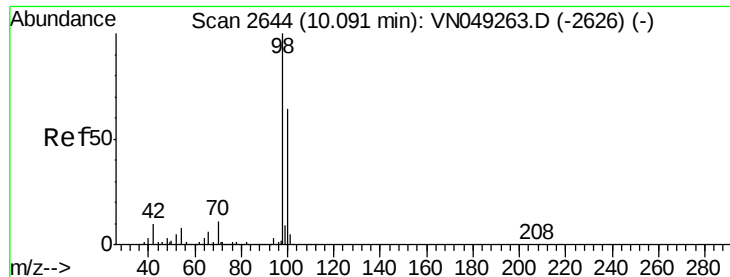
Tot Ion:114 Resp: 2437354
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 44.4
 88 15.4 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 48.52 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049495.D
 Acq: 22 Jun 2018 16:49

Tgt Ion:113 Resp: 956746
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.4 123.6
 192 21.6 15.0 22.6





#50

Toluene-d8

Concen: 45.36 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049495.D

Acq: 22 Jun 2018 16:49

Instrument :

MSVOA_N

ClientSampleId :

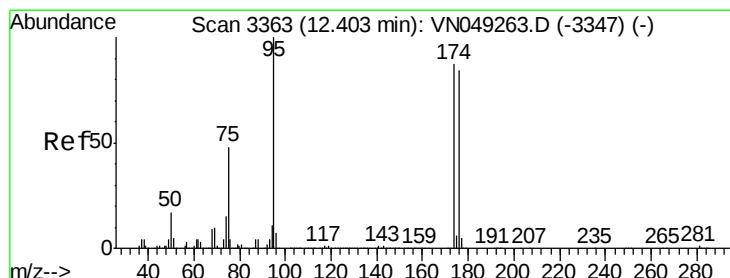
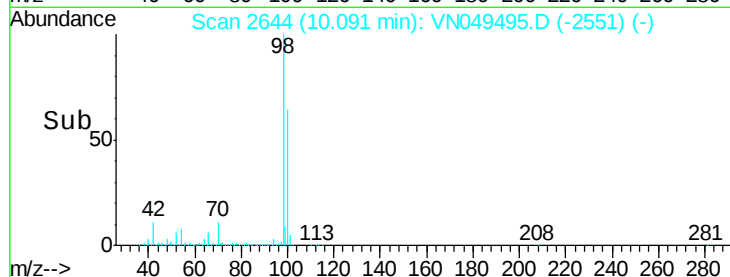
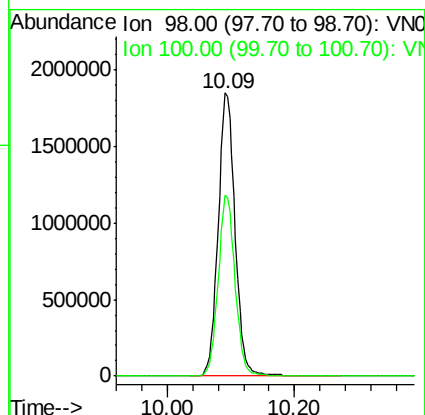
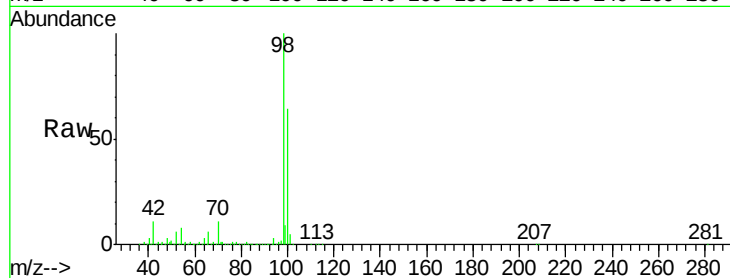
VOC-DRUM

Tot Ion: 98 Resp: 3405945

Ion Ratio Lower Upper

98 100

100 63.7 49.8 74.8



#62

4-Bromofluorobenzene

Concen: 33.61 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049495.D

Acq: 22 Jun 2018 16:49

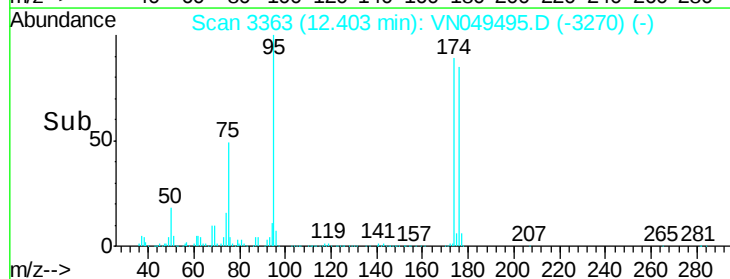
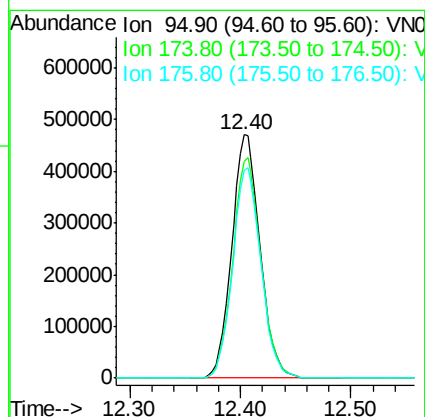
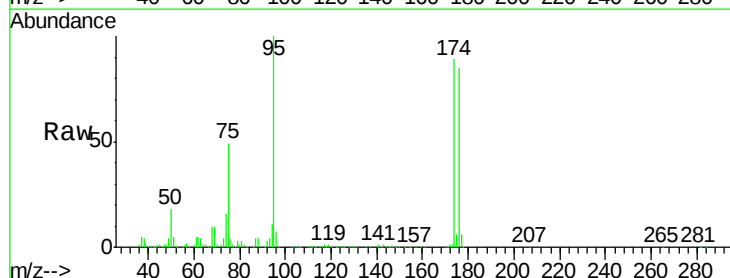
Tgt Ion: 95 Resp: 834530

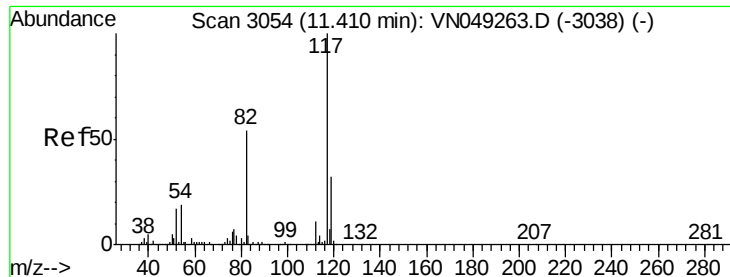
Ion Ratio Lower Upper

95 100

174 90.5 0.0 165.6

176 86.5 0.0 157.4





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049495.D

Acq: 22 Jun 2018 16:49

Instrument :

MSVOA_N

ClientSampleId :

VOC-DRUM

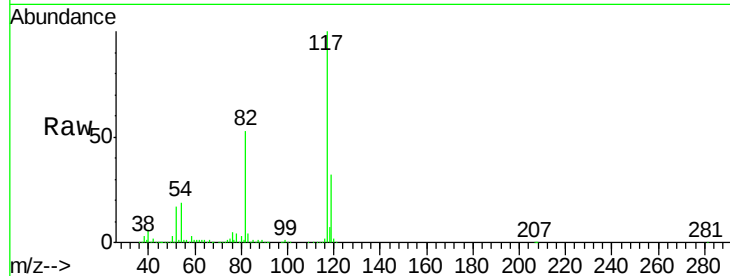
Tot Ion:117 Resp: 2036961

Ion Ratio Lower Upper

117 100

82 53.5 45.9 68.9

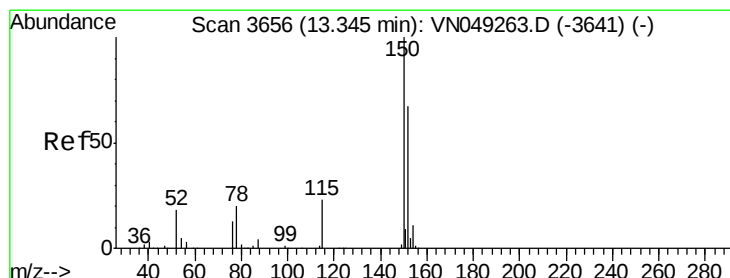
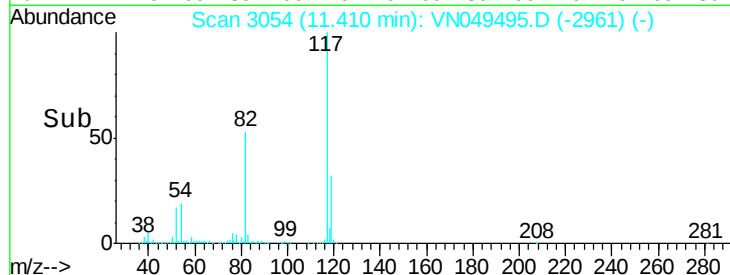
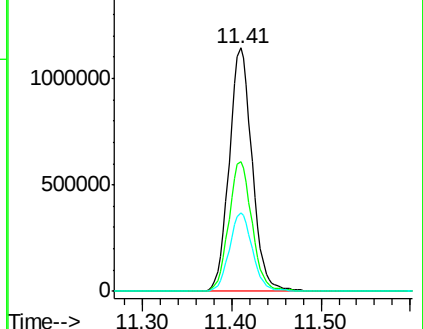
119 32.2 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049495.D

Acq: 22 Jun 2018 16:49

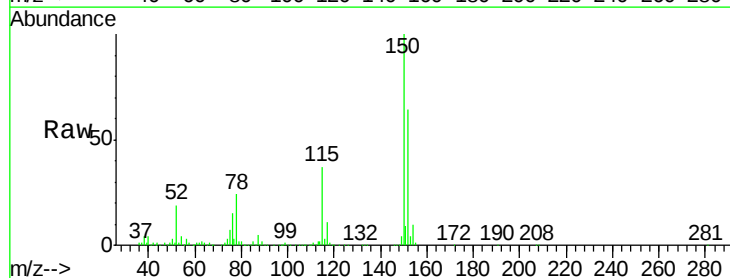
Tgt Ion:152 Resp: 544574

Ion Ratio Lower Upper

152 100

115 56.6 28.7 86.1

150 155.6 0.0 351.0



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

