

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051019\
 Data File : VN055561.D
 Acq On : 10 May 2019 19:04
 Operator : JC/SP
 Sample : K2642-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-03-050919

Quant Time: May 11 02:10:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 06:48:32 2019
 Response via : Initial Calibration

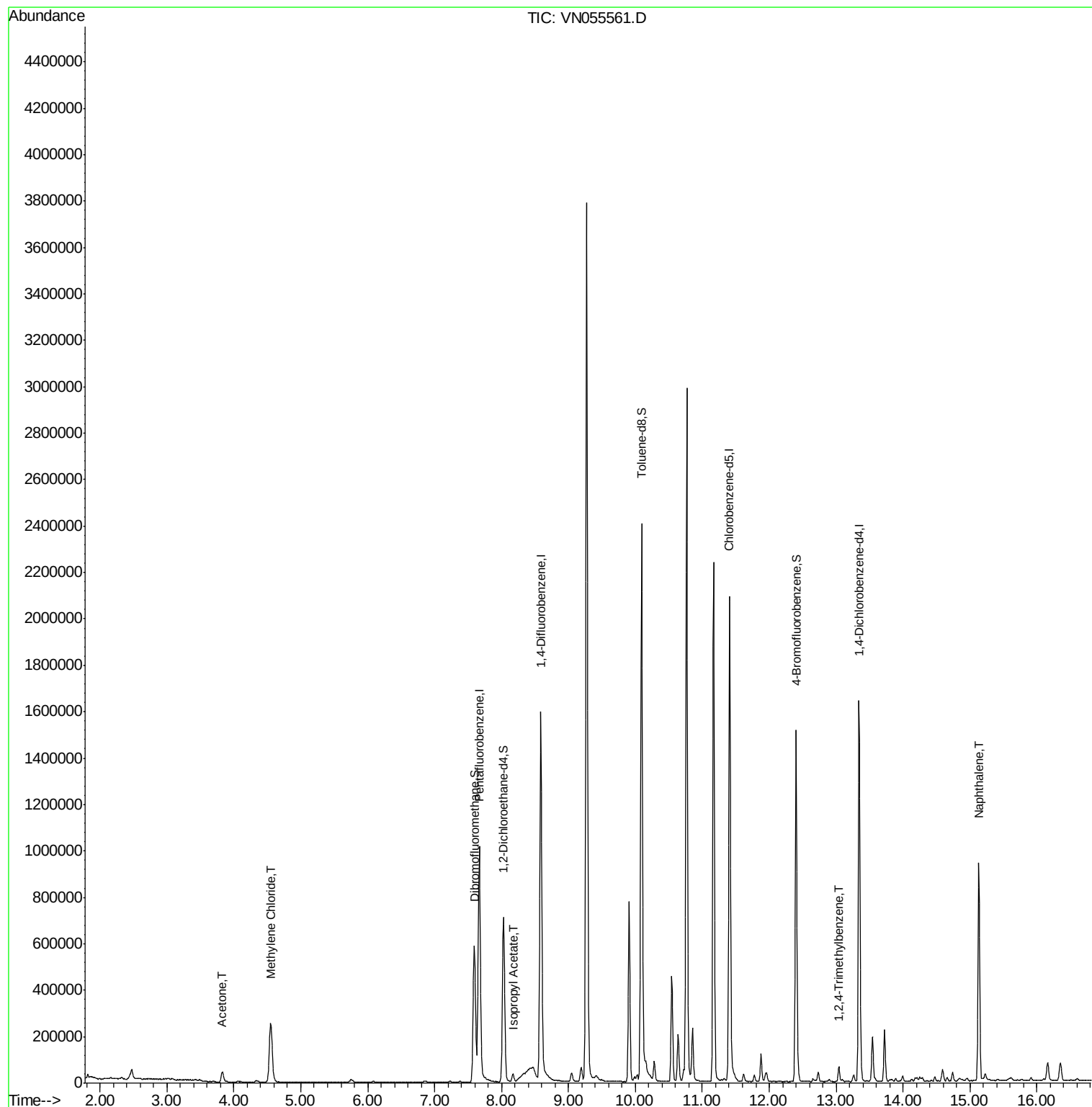
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	869242	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1485542	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1260415	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	439233	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	596228	45.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.12%	
35) Dibromofluoromethane	7.59	113	454671	47.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.90%	
50) Toluene-d8	10.09	98	1819752	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.46%	
62) 4-Bromofluorobenzene	12.40	95	553631	43.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.94%	
Target Compounds						
16) Acetone	3.83	43	72246	11.922	ug/l	99
20) Methylene Chloride	4.55	84	189271	15.274	ug/l	98
43) Isopropyl Acetate	8.17	43	38928	1.605	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	39578	1.228	ug/l	99
95) Naphthalene	15.13	128	798801	43.993	ug/l	99

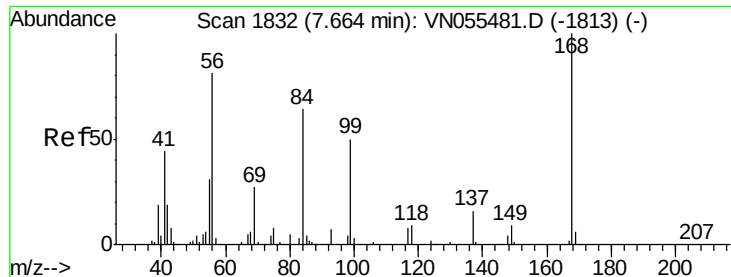
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055561.D

Acq: 10 May 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

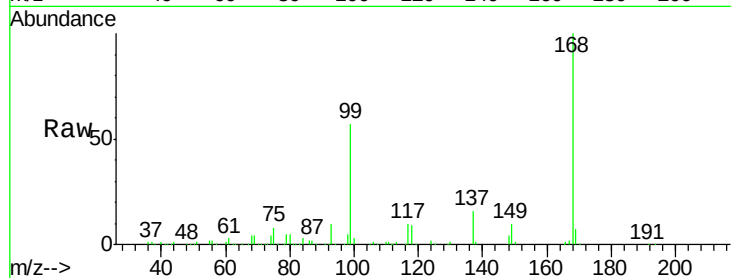
OK-03-050919

Tot Ion:168 Resp: 869242

Ion Ratio Lower Upper

168 100

99 57.5 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

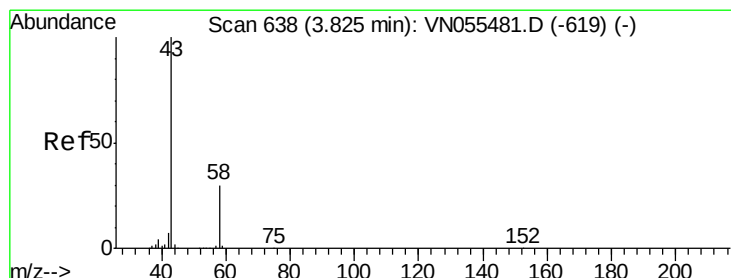
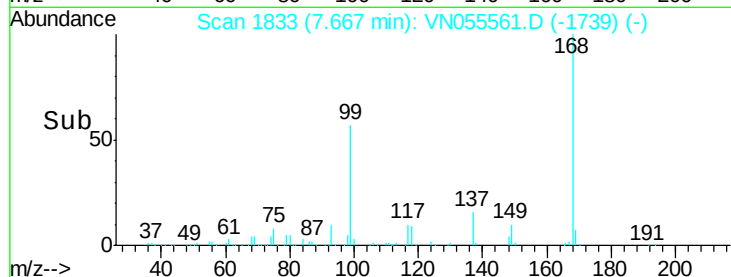
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 11.922 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.00 min

Lab File: VN055561.D

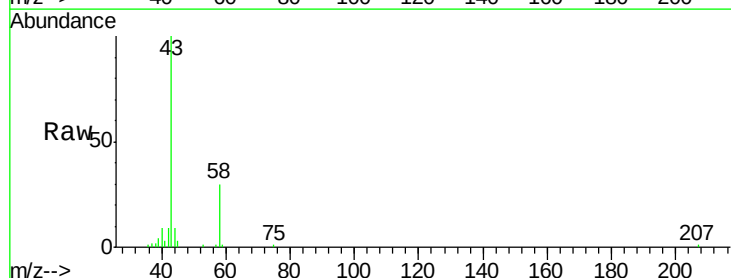
Acq: 10 May 2019 19:04

Tgt Ion: 43 Resp: 72246

Ion Ratio Lower Upper

43 100

58 30.7 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.83

30000

25000

20000

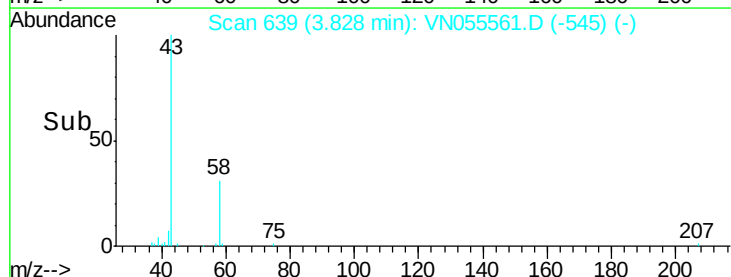
15000

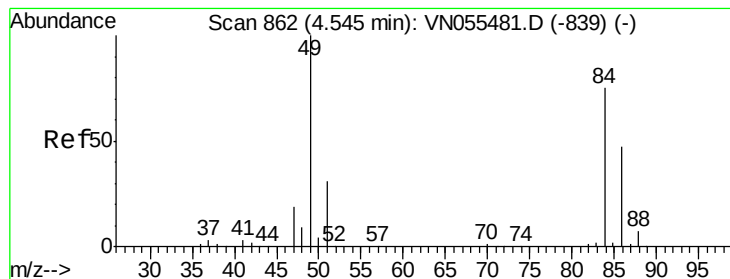
10000

5000

0

Time--> 3.70 3.80 3.90





#20

Methylene Chloride

Concen: 15.274 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN055561.D

Acq: 10 May 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

OK-03-050919

Tot Ion: 84 Resp: 189271

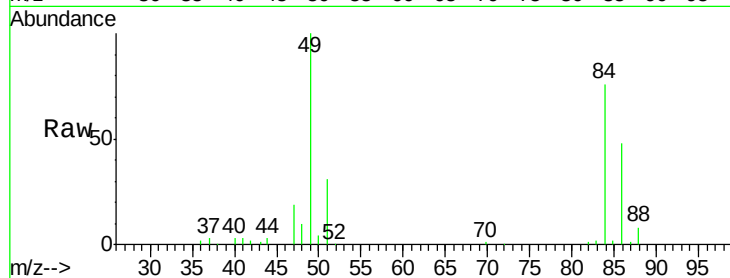
Ion Ratio Lower Upper

84 100

49 131.2 107.0 160.6

51 40.8 33.0 49.4

86 62.6 50.6 76.0

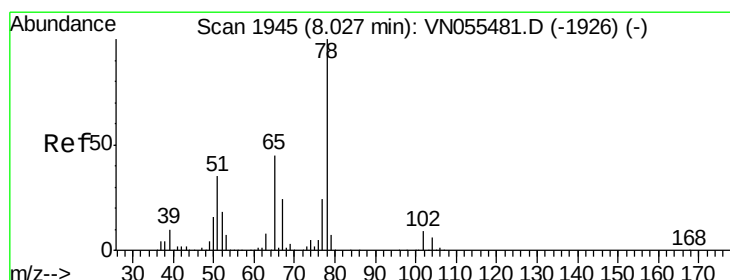
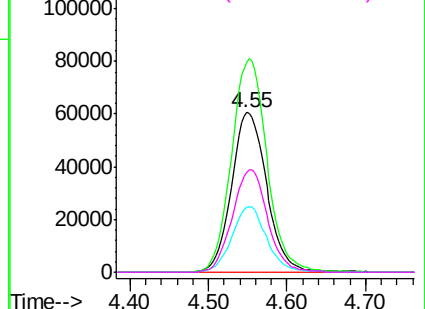
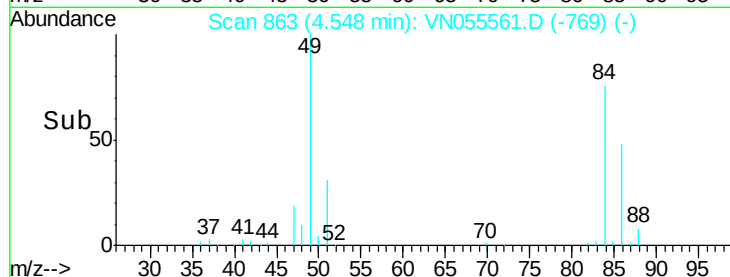


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 45.556 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055561.D

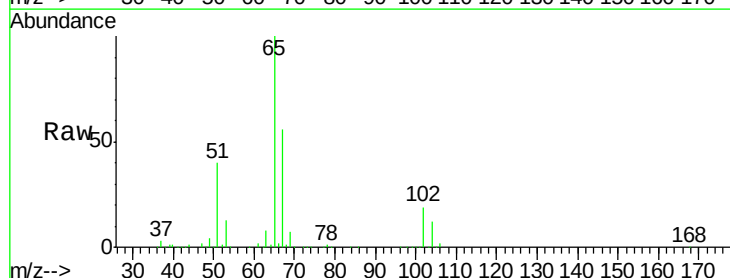
Acq: 10 May 2019 19:04

Tgt Ion: 65 Resp: 596228

Ion Ratio Lower Upper

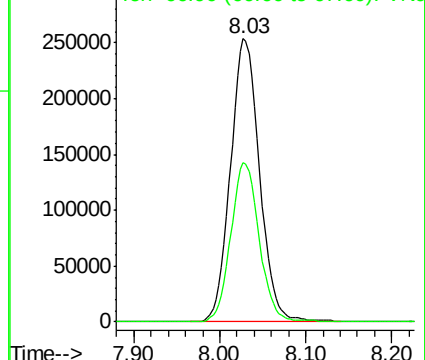
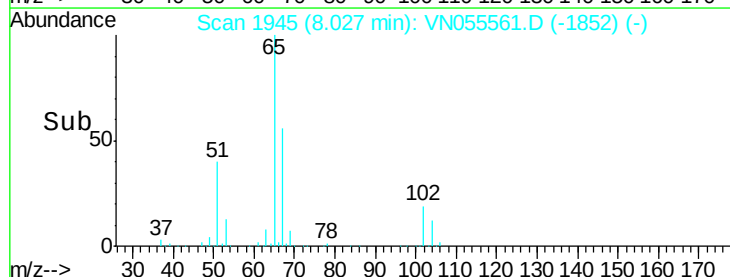
65 100

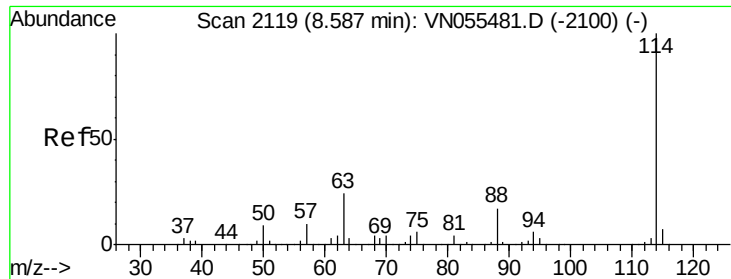
67 54.6 0.0 109.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

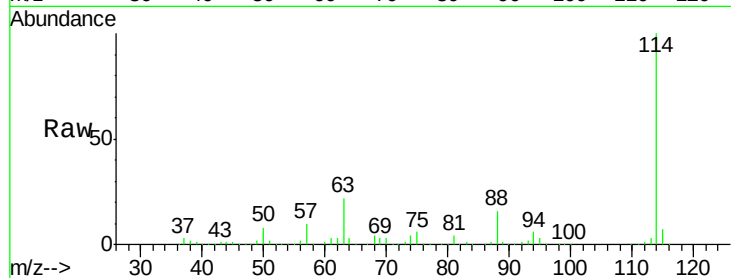




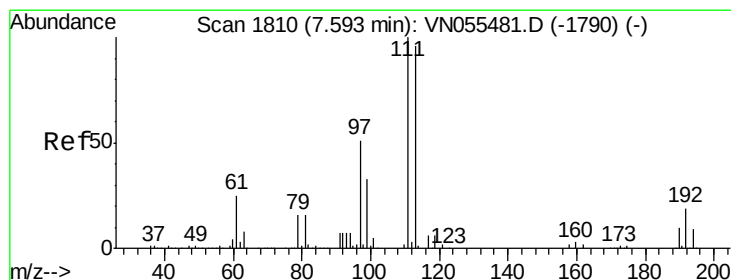
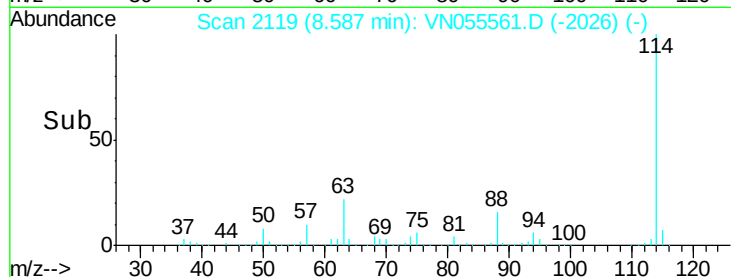
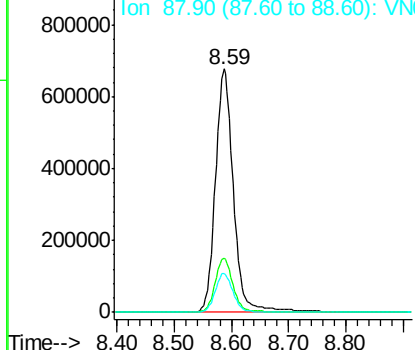
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055561.D
 Acq: 10 May 2019 19:04

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-03-050919

Tot Ion:114 Resp: 1485542
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 47.4
 88 16.0 0.0 34.0

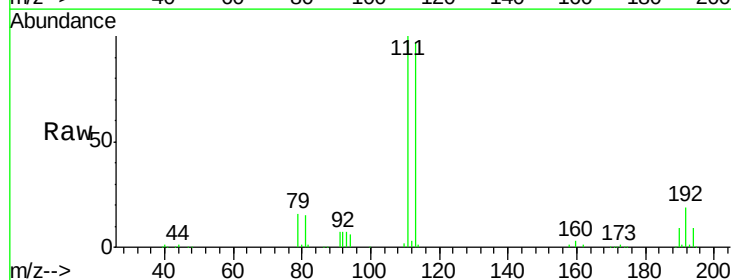


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

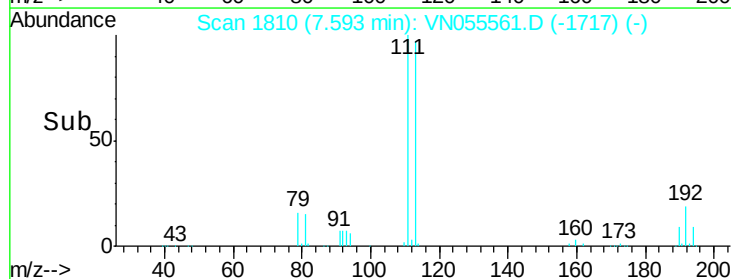
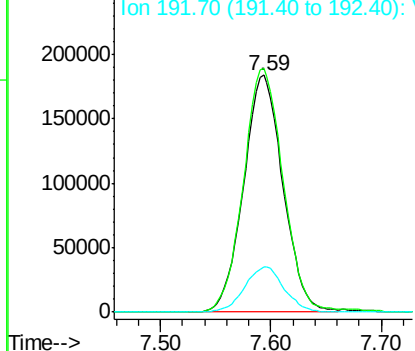


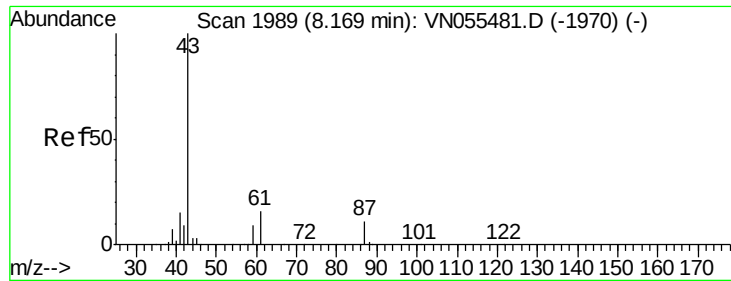
#35
 Dibromofluoromethane
 Concen: 47.446 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055561.D
 Acq: 10 May 2019 19:04

Tgt Ion:113 Resp: 454671
 Ion Ratio Lower Upper
 113 100
 111 104.4 82.9 124.3
 192 19.3 15.6 23.4



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.605 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN055561.D

Acq: 10 May 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

OK-03-050919

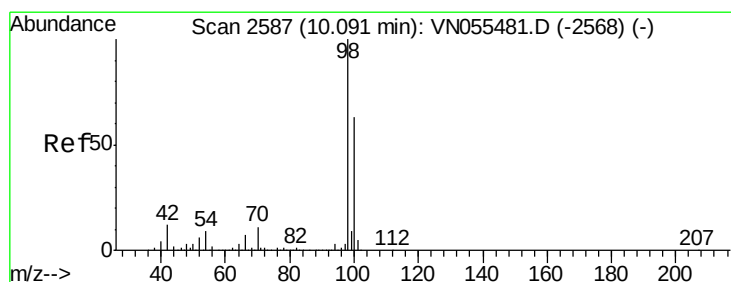
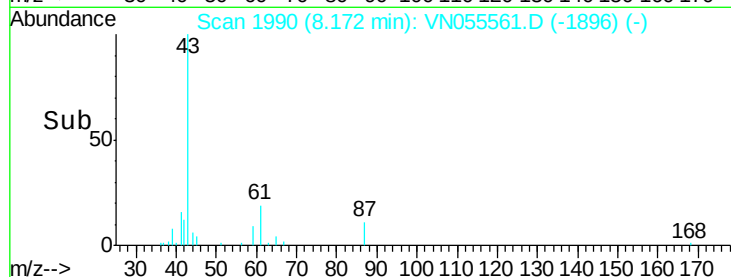
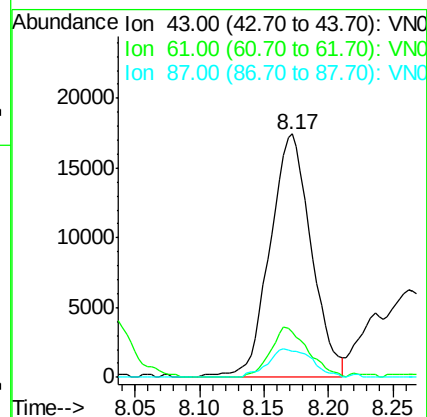
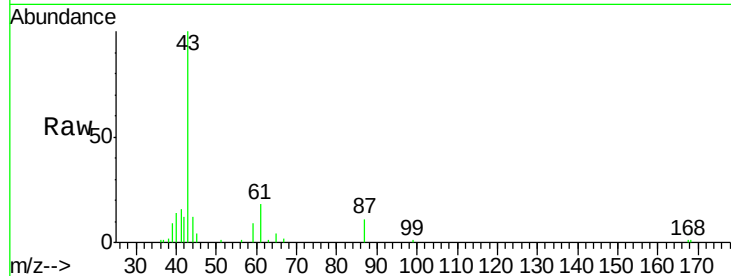
Tot Ion: 43 Resp: 38928

Ion Ratio Lower Upper

43 100

61 18.7 15.1 22.7

87 12.4 9.0 13.6



#50

Toluene-d8

Concen: 48.730 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055561.D

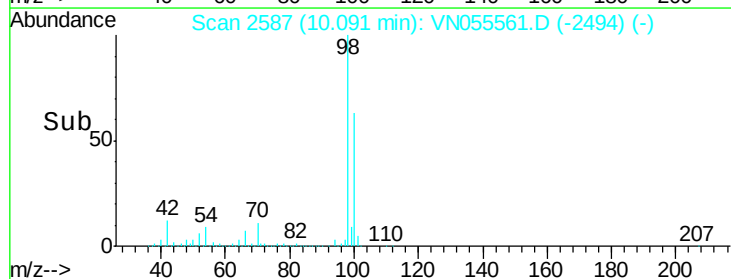
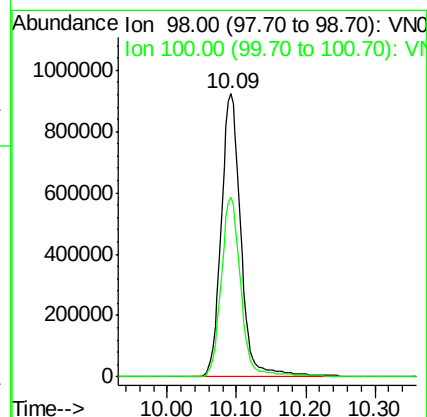
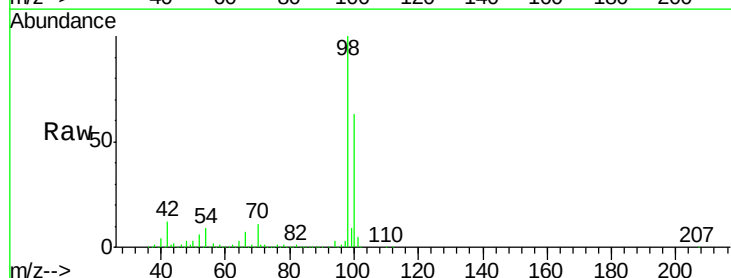
Acq: 10 May 2019 19:04

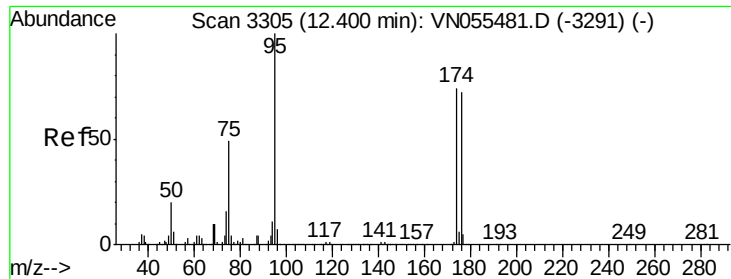
Tgt Ion: 98 Resp: 1819752

Ion Ratio Lower Upper

98 100

100 62.8 50.4 75.6





#62

4-Bromofluorobenzene

Concen: 43.968 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055561.D

Acq: 10 May 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

OK-03-050919

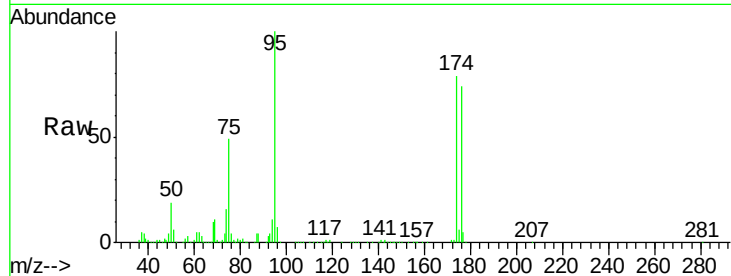
Tot Ion: 95 Resp: 553631

Ion Ratio Lower Upper

95 100

174 78.9 0.0 152.2

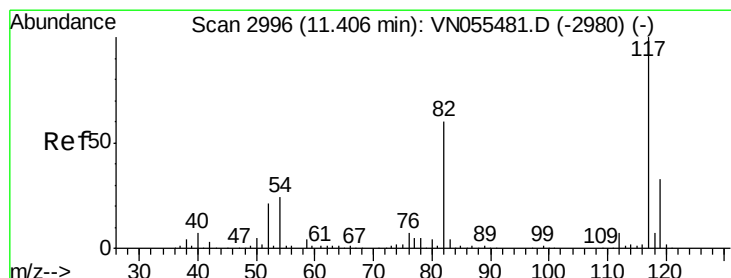
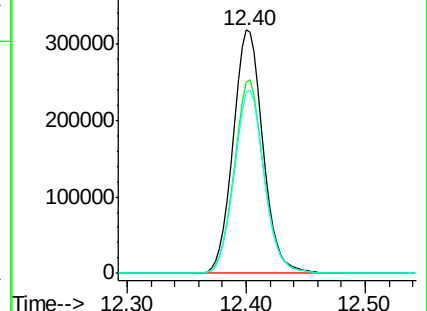
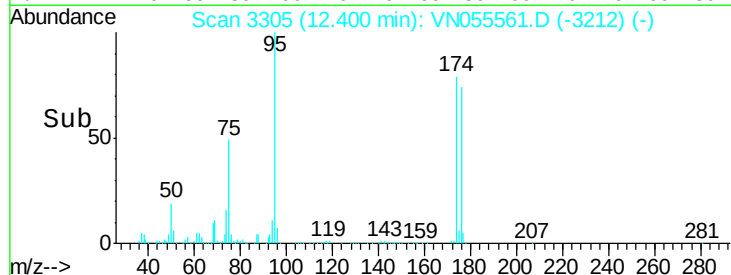
176 75.8 0.0 147.8



Abundance Ion 94.90 (94.60 to 95.60): VN055561.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN055561.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN055561.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055561.D

Acq: 10 May 2019 19:04

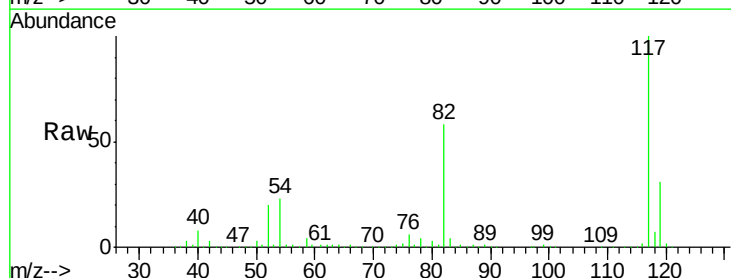
Tgt Ion: 117 Resp: 1260415

Ion Ratio Lower Upper

117 100

82 57.8 48.0 72.0

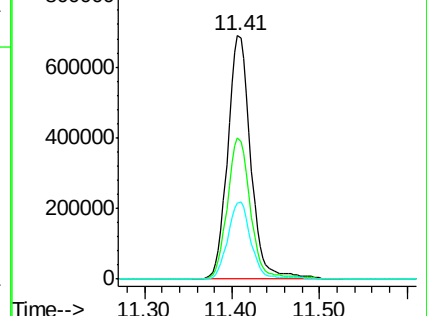
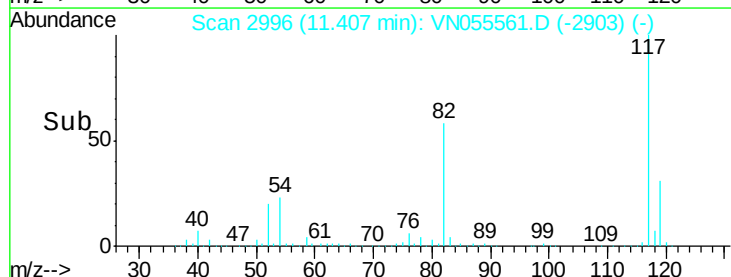
119 31.4 26.0 39.0

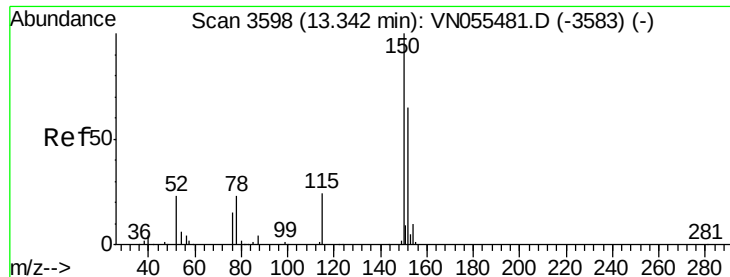


Abundance Ion 116.90 (116.60 to 117.60): VN055561.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055561.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055561.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055561.D

Acq: 10 May 2019 19:04

Instrument :

MSVOA_N

ClientSampled :

OK-03-050919

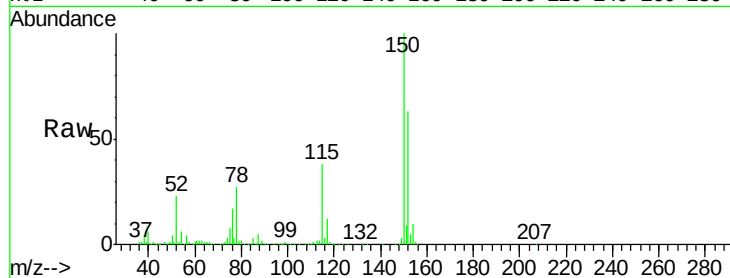
Tot Ion:152 Resp: 439233

Ion Ratio Lower Upper

152 100

115 60.5 30.1 90.5

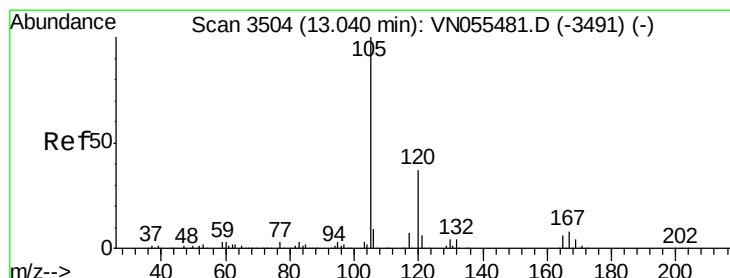
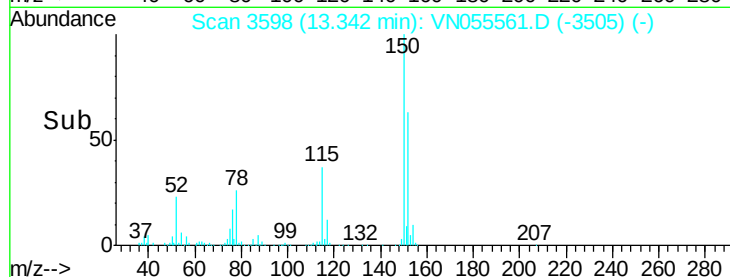
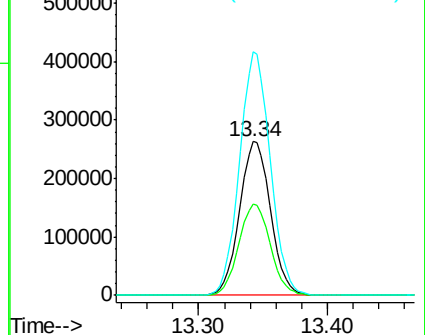
150 157.2 0.0 355.0



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



#84

1,2,4-Trimethylbenzene

Concen: 1.228 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN055561.D

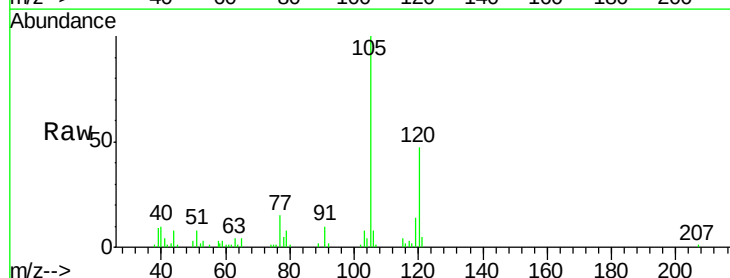
Acq: 10 May 2019 19:04

Tgt Ion:105 Resp: 39578

Ion Ratio Lower Upper

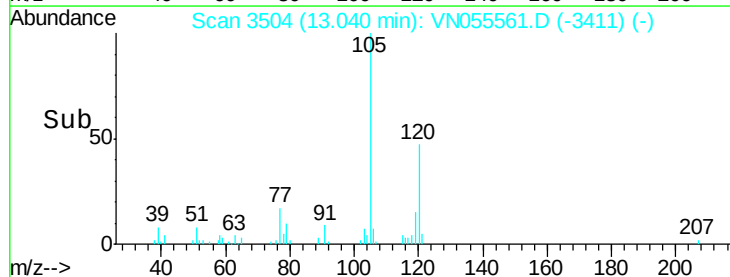
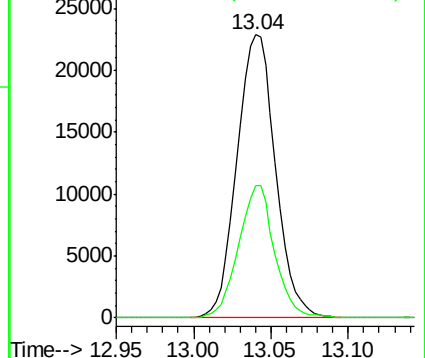
105 100

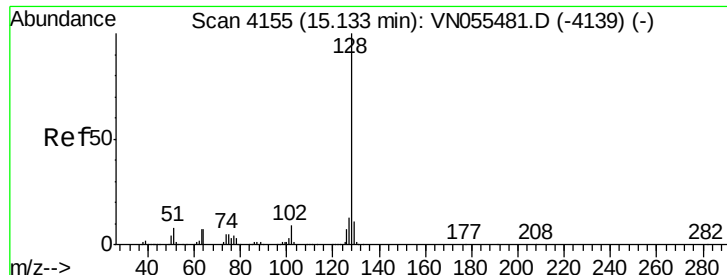
120 43.6 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 43.993 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055561.D

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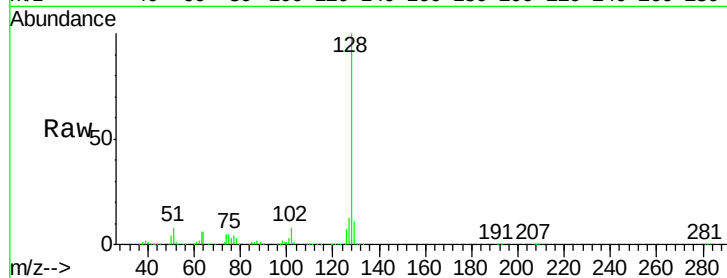
Tot Ion:128 Resp: 798801

Ion Ratio Lower Upper

128 100

127 13.0 10.0 15.0

129 10.8 8.8 13.2



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

