

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091419\
 Data File : VN058055.D
 Acq On : 14 Sep 2019 6:44
 Operator : JC/SP
 Sample : K4663-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-01-091119

Quant Time: Sep 16 02:07:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

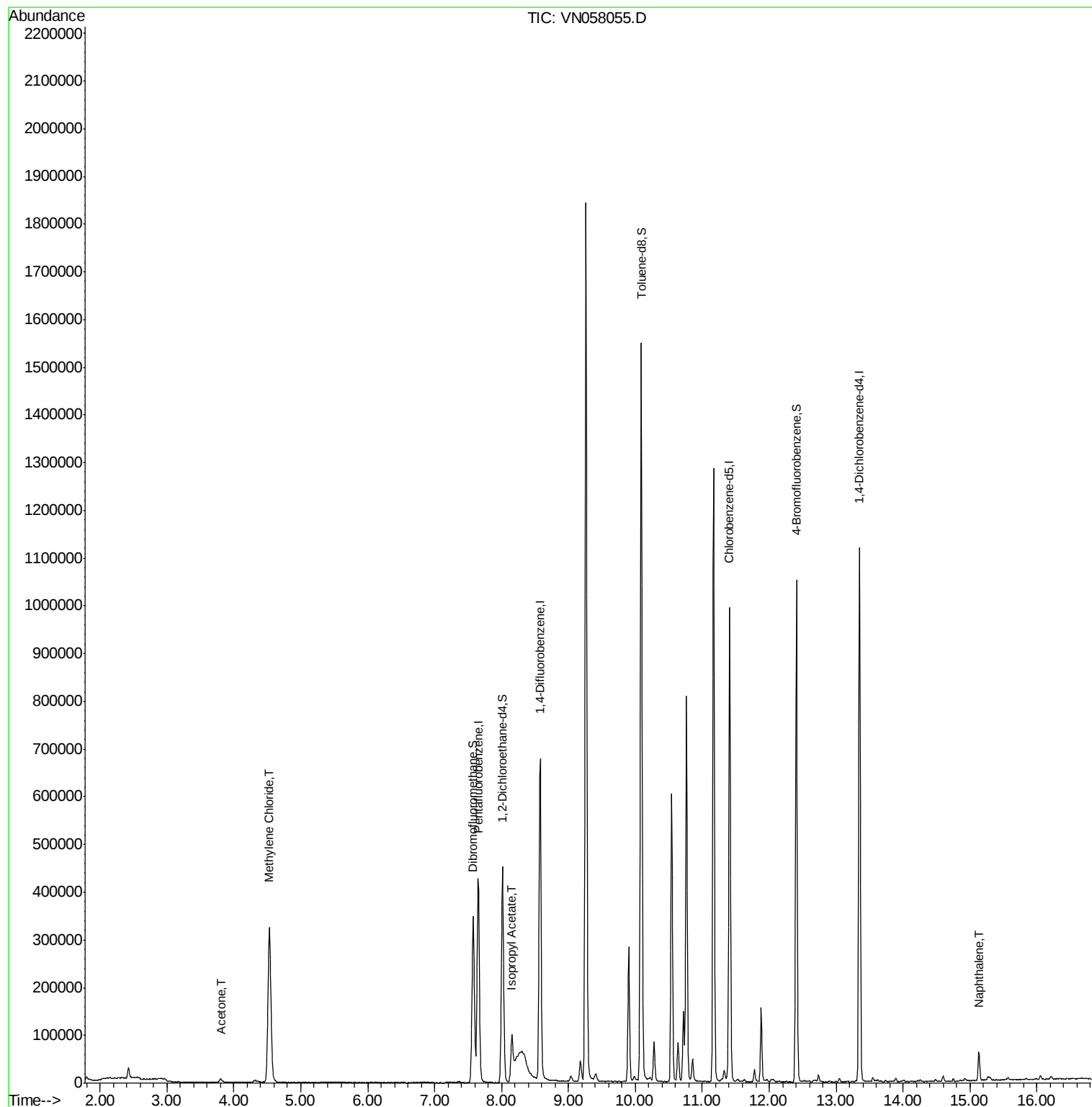
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	332851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	586139	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	537576	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	279584	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	389053	57.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.42%	
35) Dibromofluoromethane	7.58	113	265068	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
50) Toluene-d8	10.08	98	1061618	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.08%	
62) 4-Bromofluorobenzene	12.41	95	350240	43.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.52%	
Target Compounds						
16) Acetone	3.80	43	11981	5.421	ug/l #	88
20) Methylene Chloride	4.53	84	235421	56.106	ug/l	97
43) Isopropyl Acetate	8.16	43	138610	11.736	ug/l #	84
95) Naphthalene	15.13	128	47827	1.395	ug/l	99

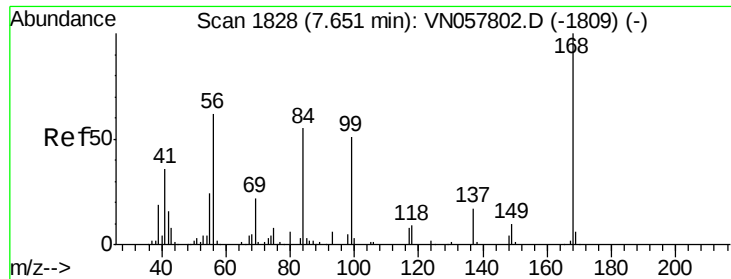
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091419\
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Quant Time: Sep 16 02:07:57 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN058055.D

Acq: 14 Sep 2019 6:44

Instrument :

MSVOA_N

ClientSampleId :

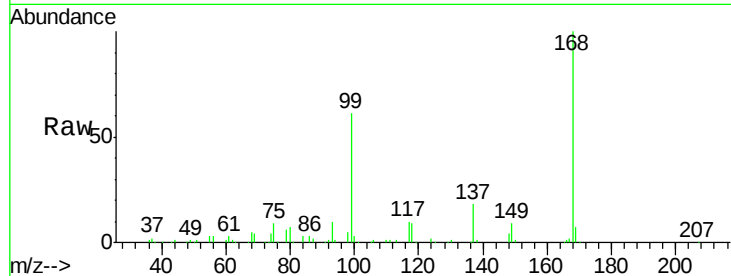
OK-01-091119

Tot Ion:168 Resp: 332851

Ion Ratio Lower Upper

168 100

99 60.8 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

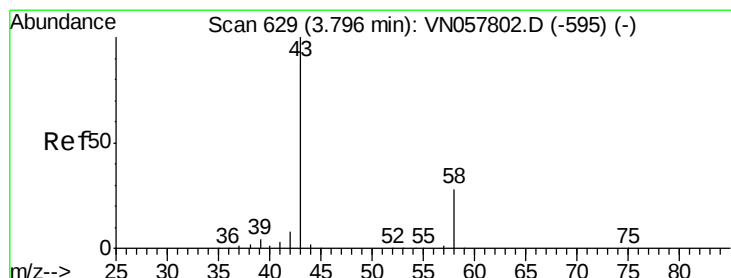
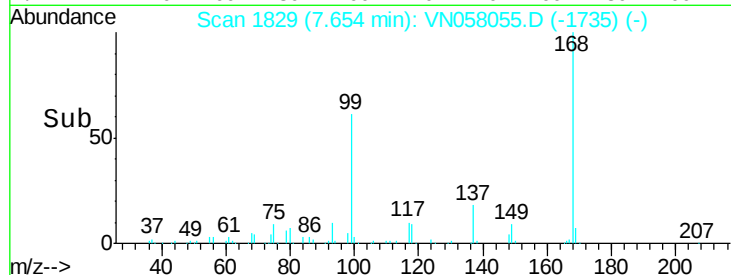
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.421 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN058055.D

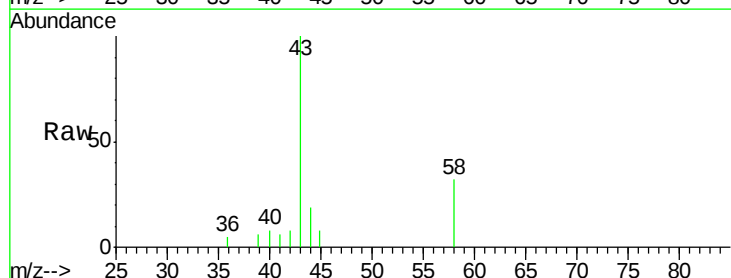
Acq: 14 Sep 2019 6:44

Tgt Ion: 43 Resp: 11981

Ion Ratio Lower Upper

43 100

58 33.8 22.2 33.2#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.80

5000

4000

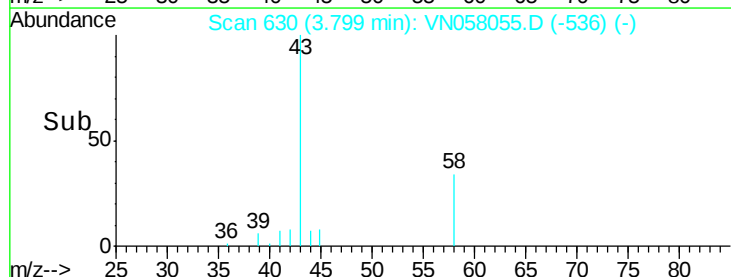
3000

2000

1000

0

Time-->

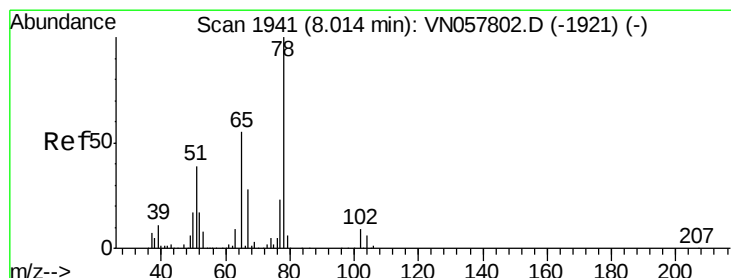
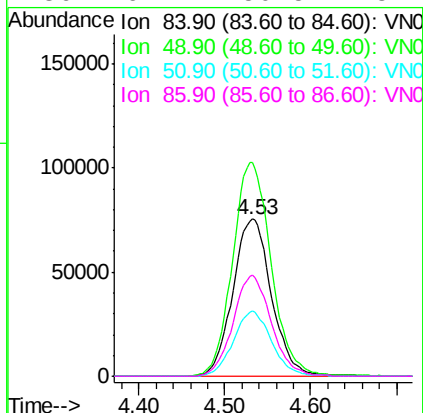
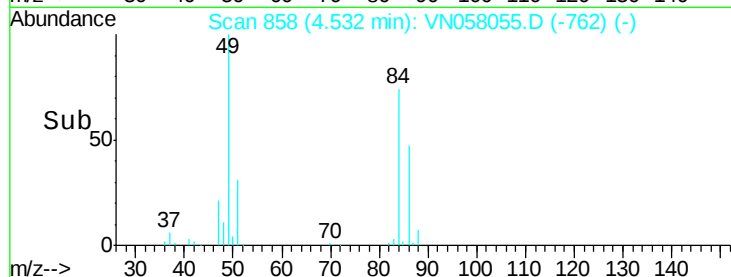
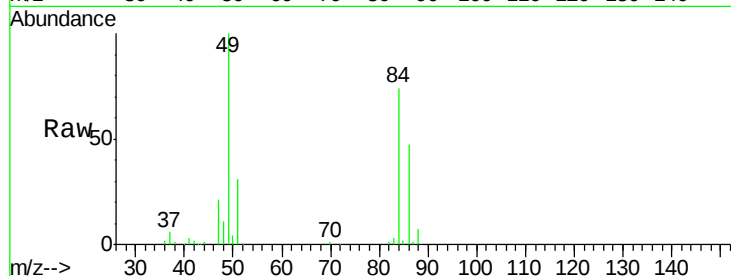




#20
Methylene Chloride
Concen: 56.106 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN058055.D
Acq: 14 Sep 2019 6:44

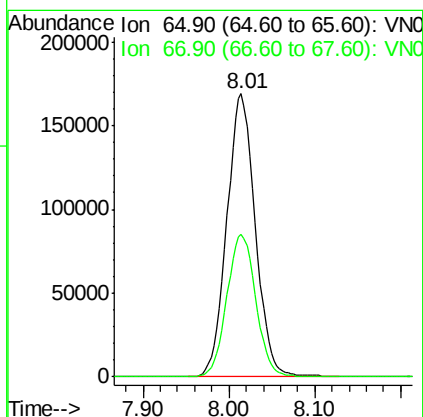
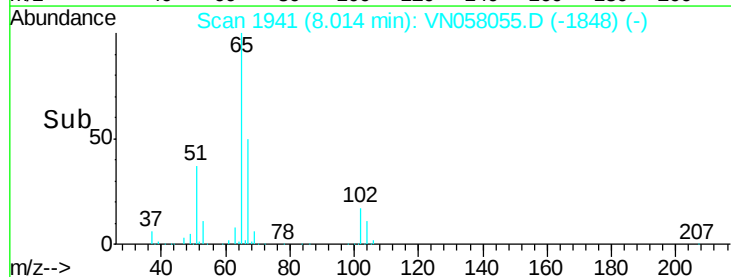
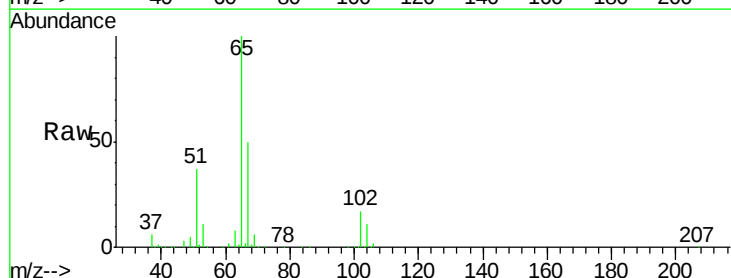
Instrument :
MSVOA_N
ClientSampleId :
OK-01-091119

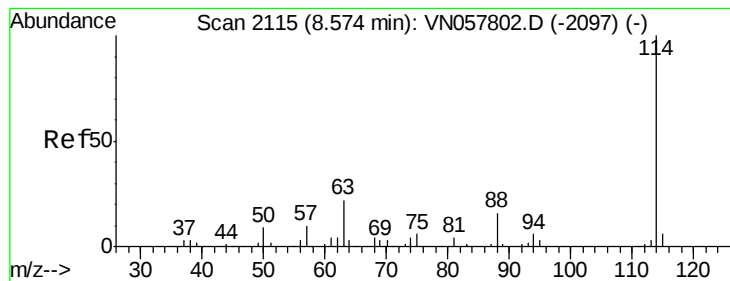
Tot Ion: 84 Resp: 235421
Ion Ratio Lower Upper
84 100
49 135.8 104.8 157.2
51 41.6 33.0 49.4
86 64.2 50.5 75.7



#33
1,2-Dichloroethane-d4
Concen: 57.709 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN058055.D
Acq: 14 Sep 2019 6:44

Tgt Ion: 65 Resp: 389053
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN058055.D

Acq: 14 Sep 2019 6:44

Instrument :

MSVOA_N

ClientSampleId :

OK-01-091119

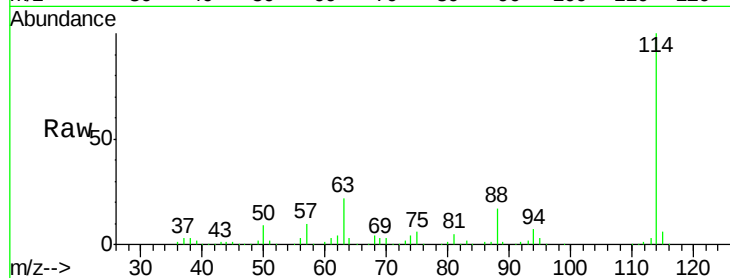
Tot Ion:114 Resp: 586139

Ion Ratio Lower Upper

114 100

63 22.5 0.0 44.0

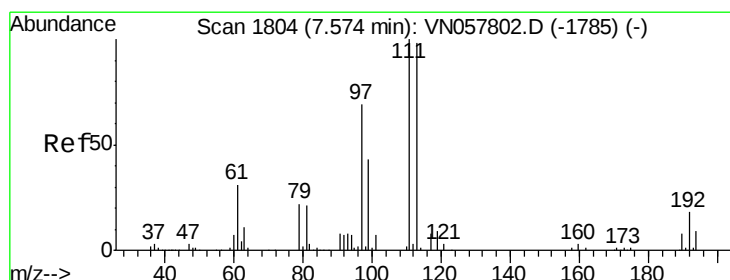
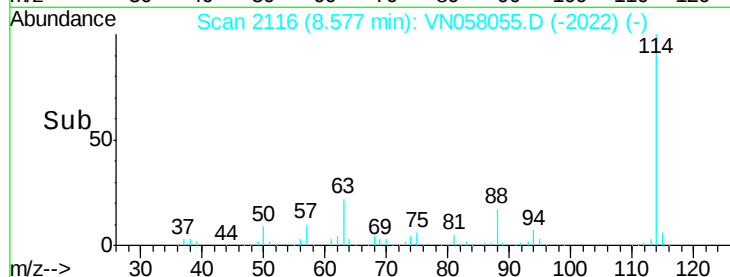
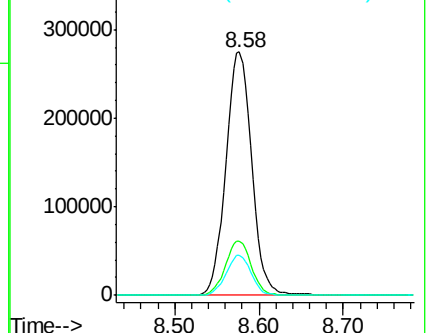
88 16.6 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 48.997 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN058055.D

Acq: 14 Sep 2019 6:44

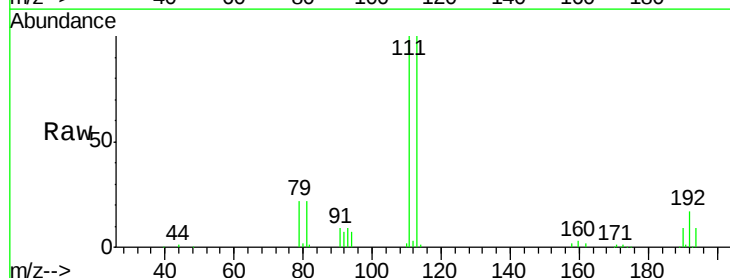
Tgt Ion:113 Resp: 265068

Ion Ratio Lower Upper

113 100

111 101.8 81.3 121.9

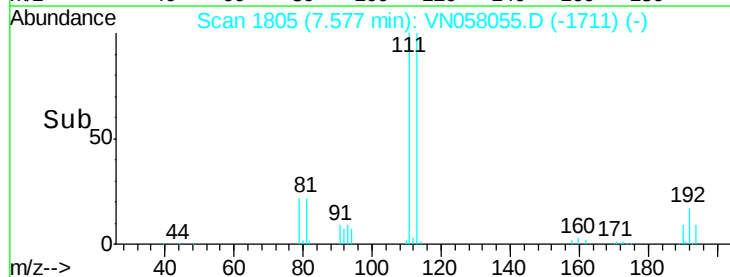
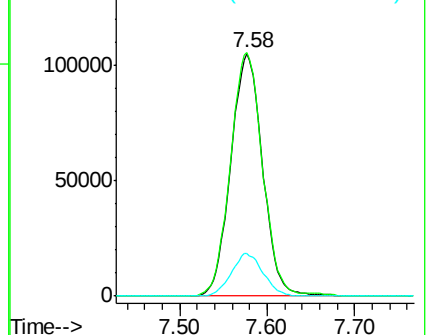
192 17.8 14.6 22.0

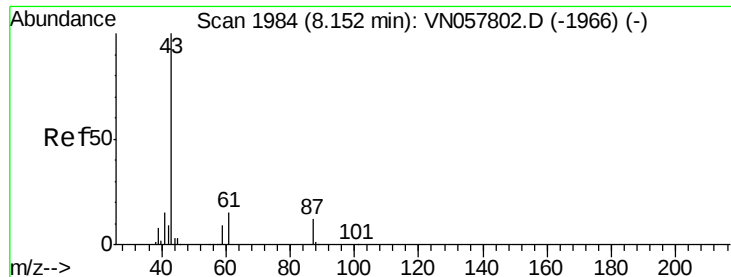


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 11.736 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN058055.D

Acq: 14 Sep 2019 6:44

Instrument :

MSVOA_N

ClientSampleId :

OK-01-091119

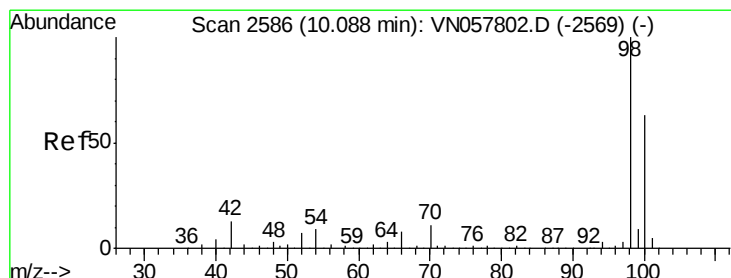
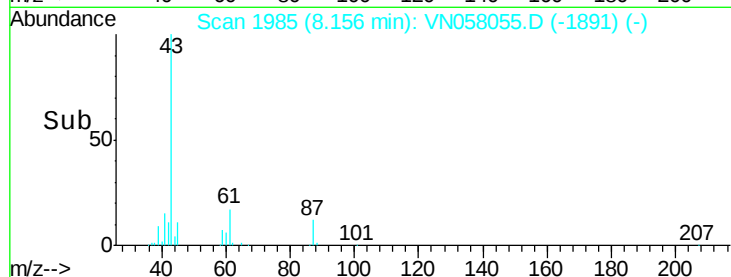
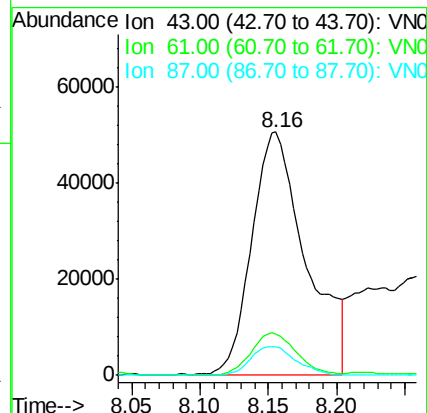
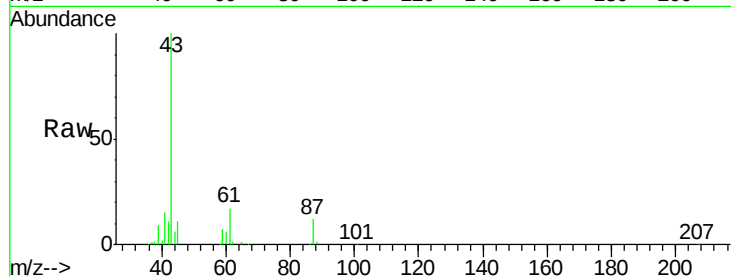
Tot Ion: 43 Resp: 138610

Ion Ratio Lower Upper

43 100

61 14.8 20.1 30.1#

87 9.9 9.5 14.3



#50

Toluene-d8

Concen: 50.544 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058055.D

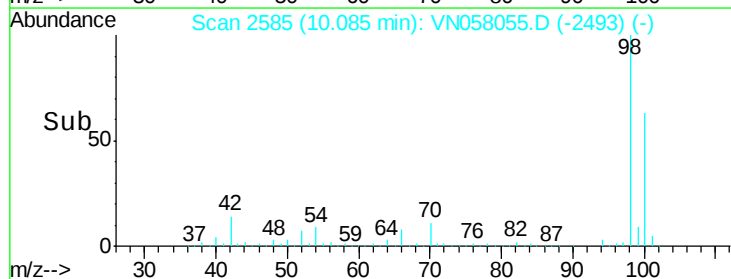
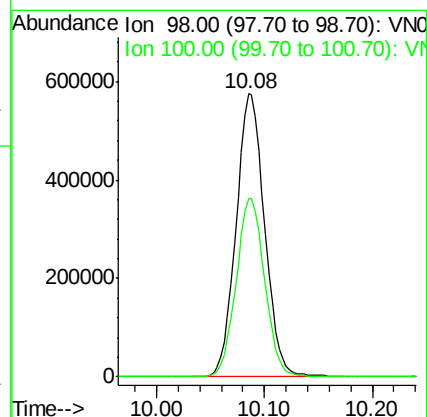
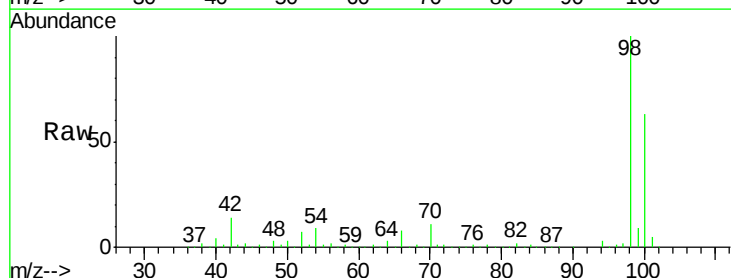
Acq: 14 Sep 2019 6:44

Tgt Ion: 98 Resp: 1061618

Ion Ratio Lower Upper

98 100

100 63.1 50.3 75.5





#62

4-Bromofluorobenzene

Concen: 43.756 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058055.D

Acq: 14 Sep 2019 6:44

Instrument :

MSVOA_N

ClientSampled :

OK-01-091119

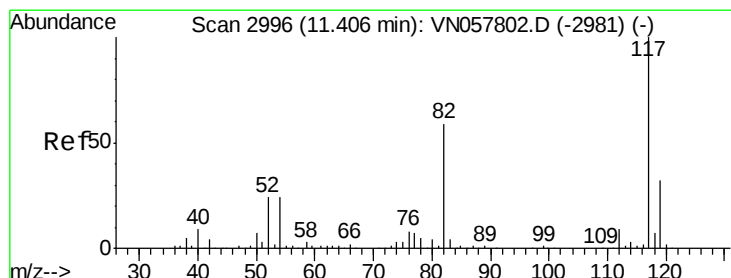
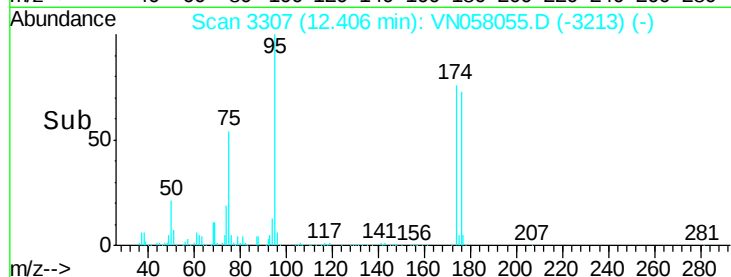
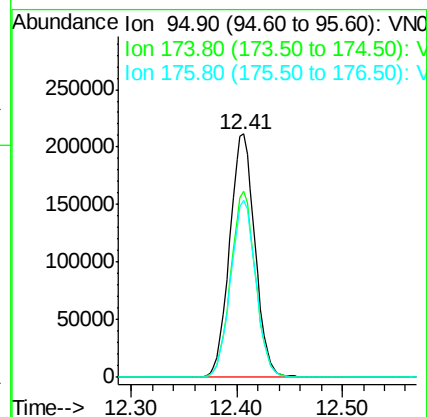
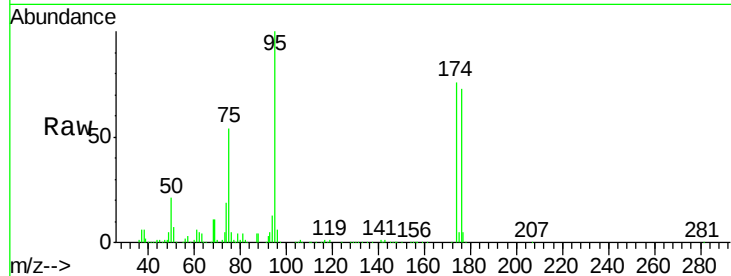
Tot Ion: 95 Resp: 350240

Ion Ratio Lower Upper

95 100

174 74.7 0.0 150.2

176 72.4 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058055.D

Acq: 14 Sep 2019 6:44

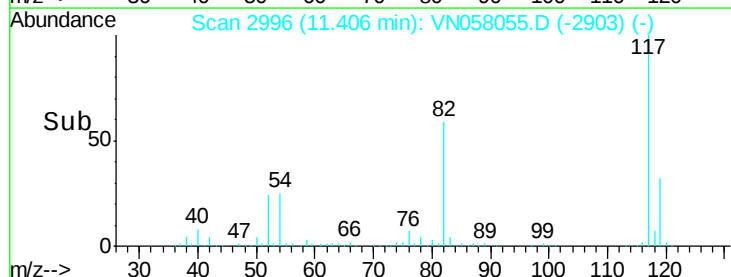
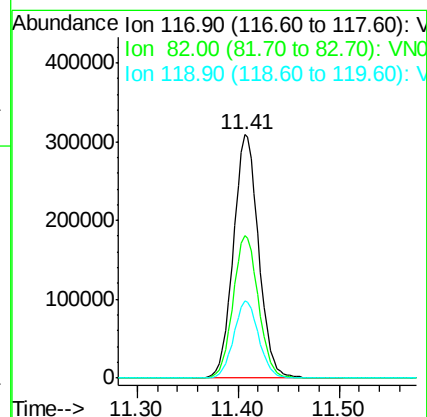
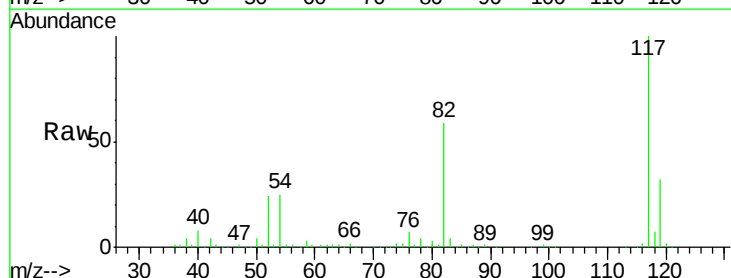
Tgt Ion: 117 Resp: 537576

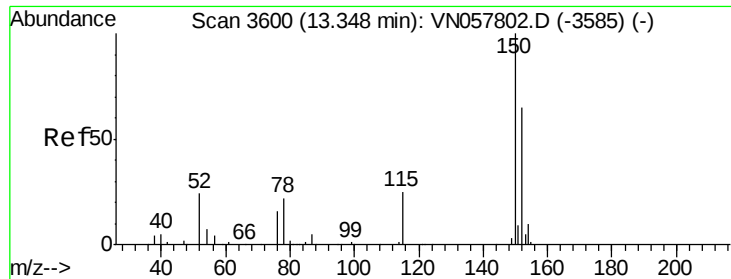
Ion Ratio Lower Upper

117 100

82 58.6 47.2 70.8

119 31.5 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058055.D

Acq: 14 Sep 2019 6:44

Instrument :

MSVOA_N

ClientSampleId :

OK-01-091119

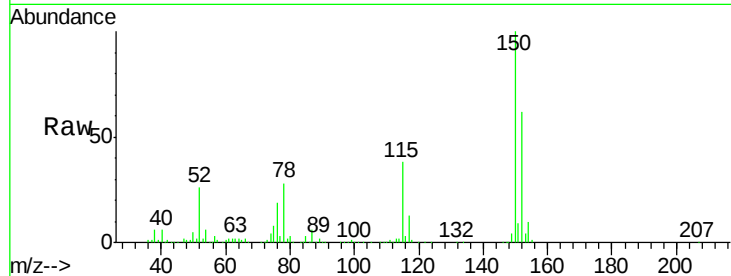
Tot Ion:152 Resp: 279584

Ion Ratio Lower Upper

152 100

115 61.3 30.3 91.0

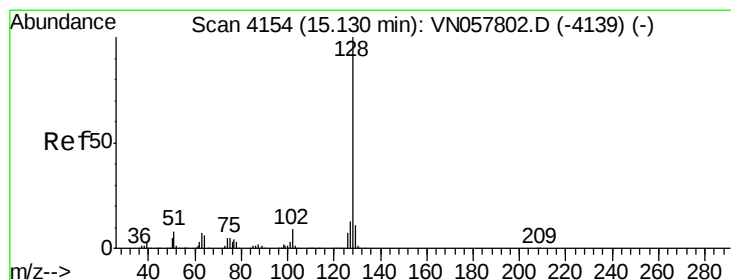
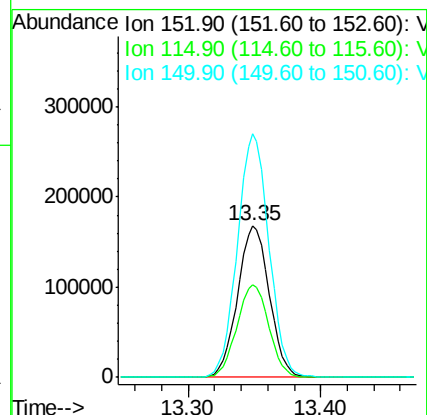
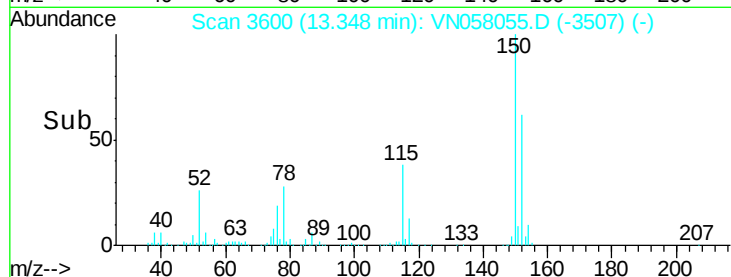
150 159.4 0.0 352.4



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



#95

Naphthalene

Concen: 1.395 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058055.D

Acq: 14 Sep 2019 6:44

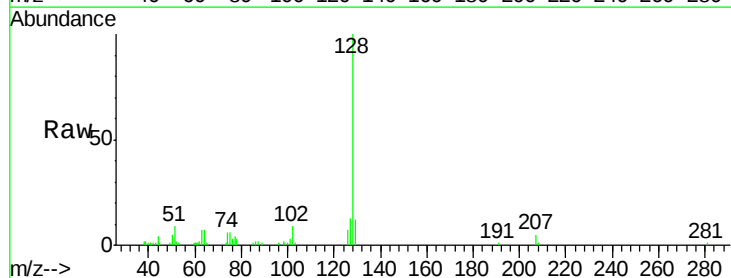
Tgt Ion:128 Resp: 47827

Ion Ratio Lower Upper

128 100

127 13.7 10.3 15.5

129 10.8 8.6 12.8



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

