

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN043019\
 Data File : VN055305.D
 Acq On : 30 Apr 2019 13:55
 Operator : JC/SP
 Sample : K2194-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JC-03-042919-C

Quant Time: May 01 09:01:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

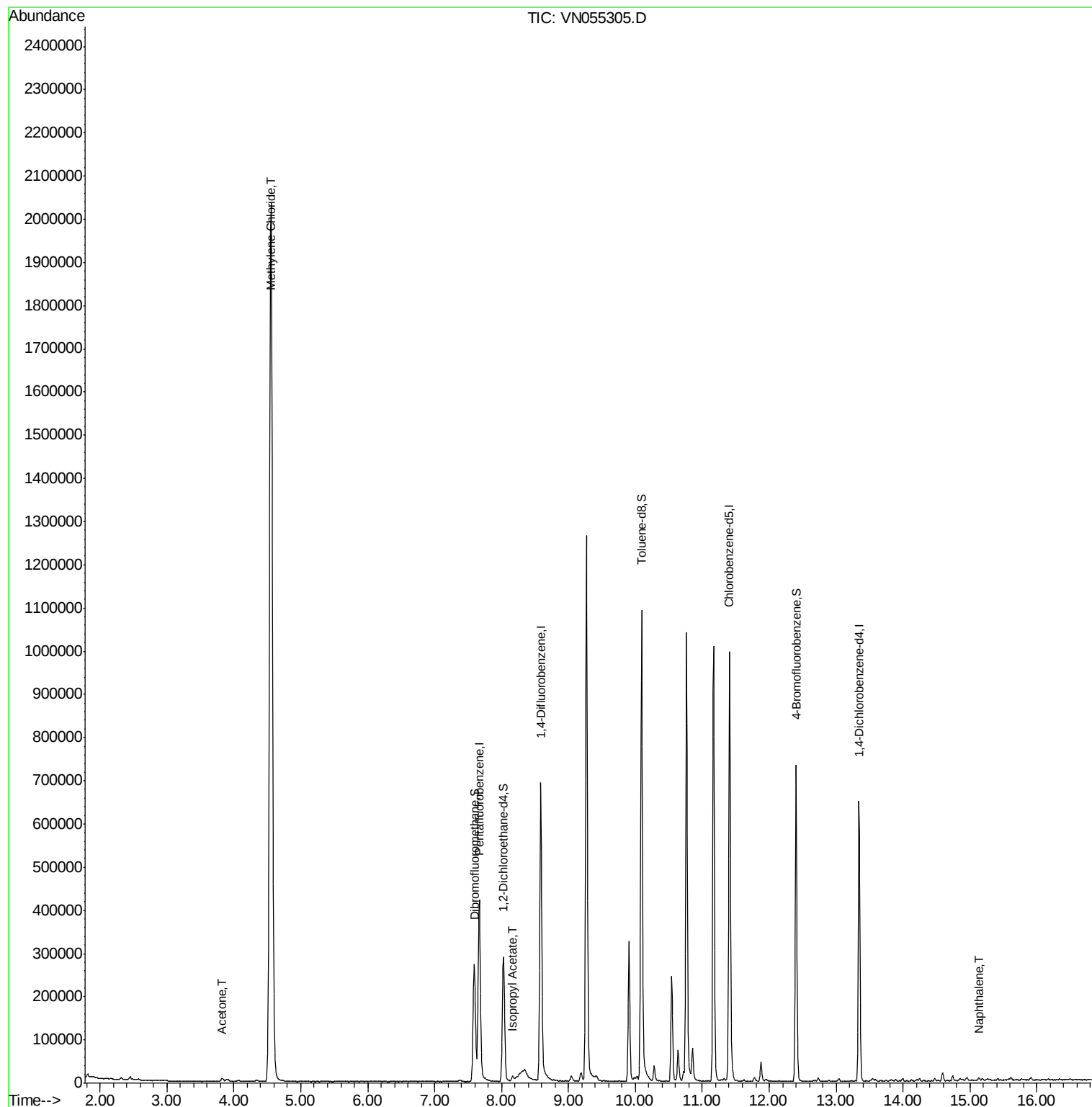
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	355790	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	622471	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	581136	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	170264	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	252352	54.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.44%	
35) Dibromofluoromethane	7.59	113	204385	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.04%	
50) Toluene-d8	10.09	98	783761	53.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.26%	
62) 4-Bromofluorobenzene	12.40	95	246628	53.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.98%	
Target Compounds						
16) Acetone	3.83	43	13595	9.374	ug/l	92
20) Methylene Chloride	4.55	84	1428740	322.750	ug/l	99
43) Isopropyl Acetate	8.17	43	14270	1.943	ug/l #	86
95) Naphthalene	15.14	128	5152	4.344	ug/l #	92

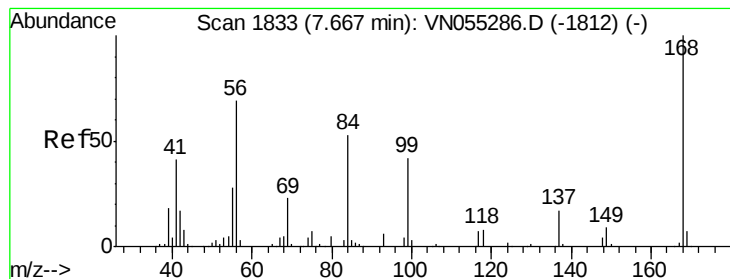
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN043019\
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Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055305.D

Acq: 30 Apr 2019 13:55

Instrument :

MSVOA_N

ClientSampleId :

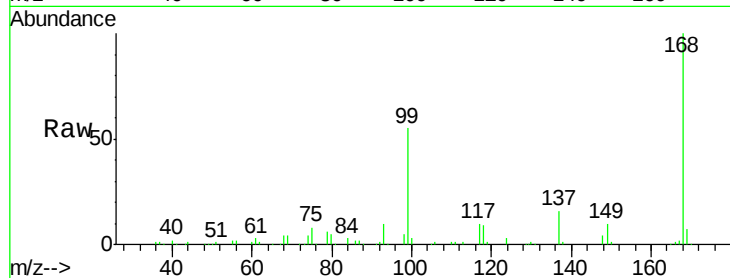
JC-03-042919-C

Tot Ion:168 Resp: 355790

Ion Ratio Lower Upper

168 100

99 54.8 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): VN055305.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN055305.D (-1740) (-)

7.67

150000

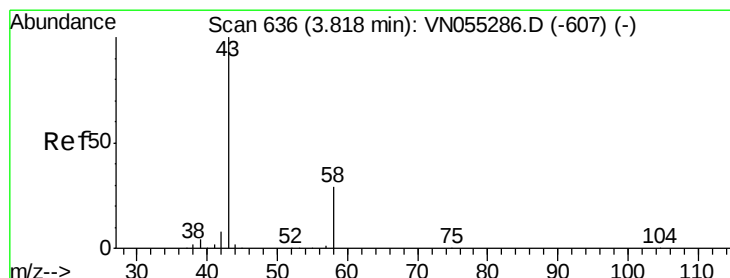
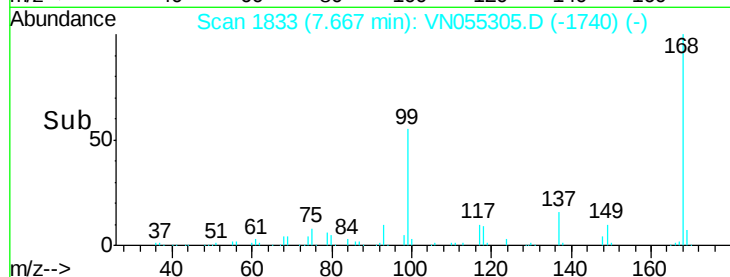
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 9.374 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN055305.D

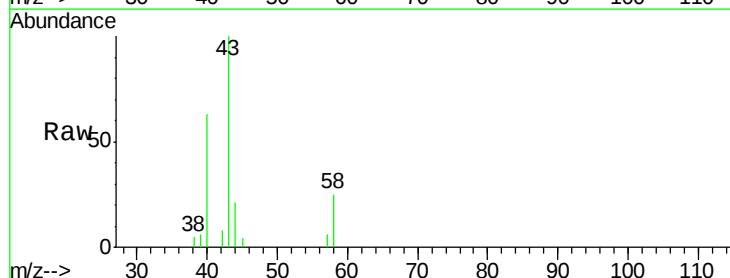
Acq: 30 Apr 2019 13:55

Tgt Ion: 43 Resp: 13595

Ion Ratio Lower Upper

43 100

58 25.4 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN055305.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN055305.D (-543) (-)

3.83

5000

4000

3000

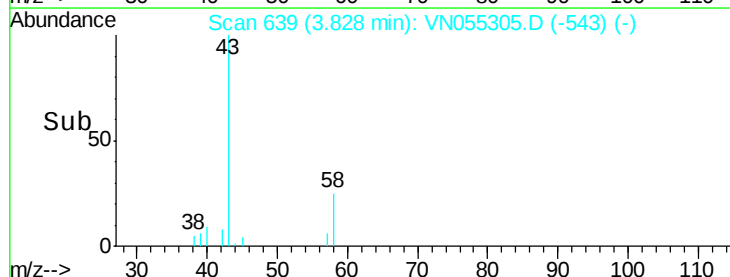
2000

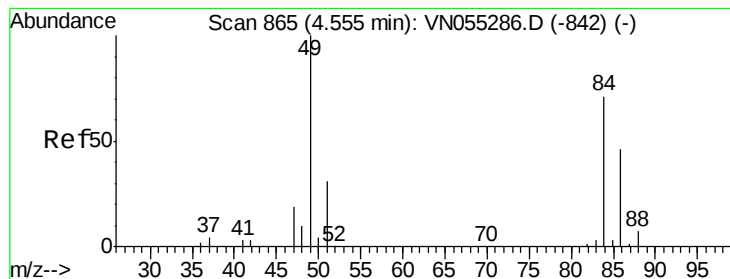
1000

0

3.75 3.80 3.85 3.90

Time-->





#20

Methvlene Chloride

Concen: 322.750 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN055305.D

Acq: 30 Apr 2019 13:55

Instrument :

MSVOA_N

ClientSampleId :

JC-03-042919-C

Tot Ion: 84 Resp: 1428740

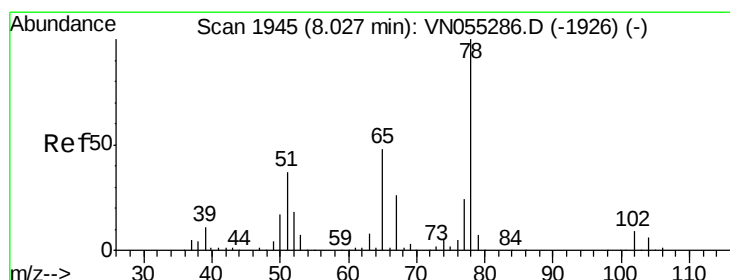
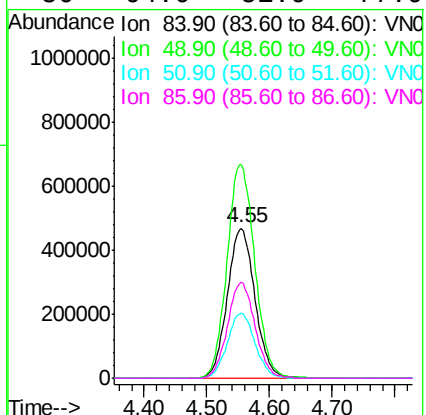
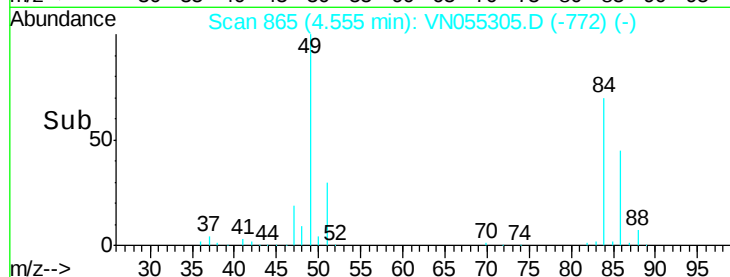
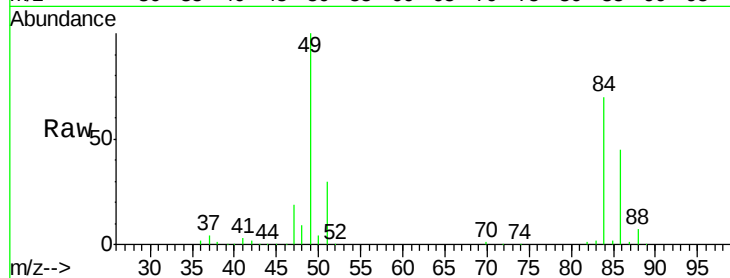
Ion Ratio Lower Upper

84 100

49 142.6 112.4 168.6

51 43.5 34.6 51.8

86 64.0 51.9 77.9



#33

1,2-Dichloroethane-d4

Concen: 54.216 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055305.D

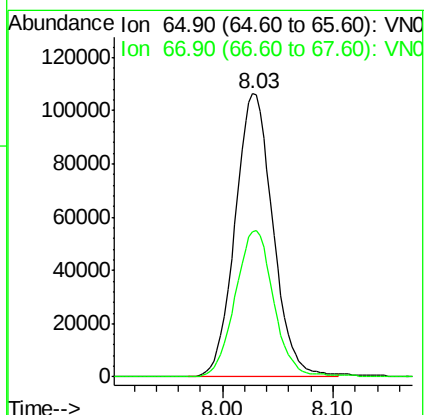
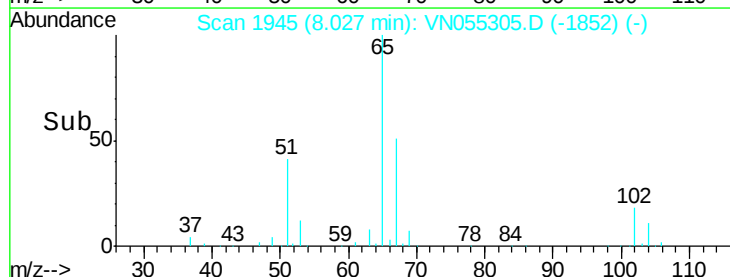
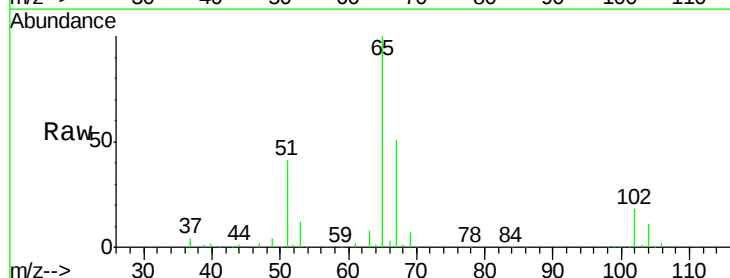
Acq: 30 Apr 2019 13:55

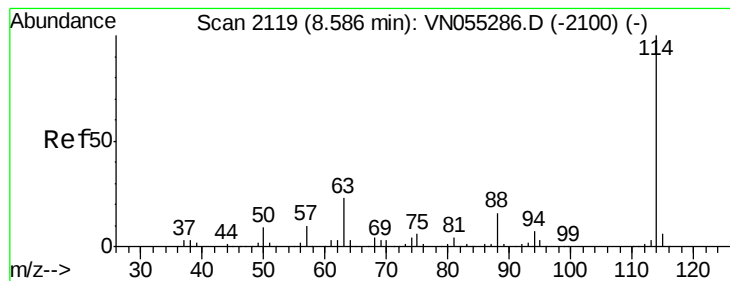
Tgt Ion: 65 Resp: 252352

Ion Ratio Lower Upper

65 100

67 52.4 0.0 106.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055305.D

Acq: 30 Apr 2019 13:55

Instrument :

MSVOA_N

ClientSampleId :

JC-03-042919-C

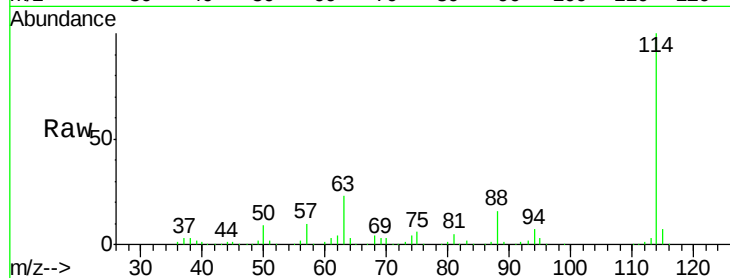
Tot Ion:114 Resp: 622471

Ion Ratio Lower Upper

114 100

63 23.5 0.0 45.2

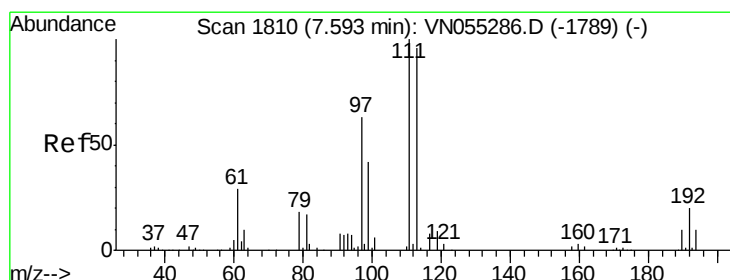
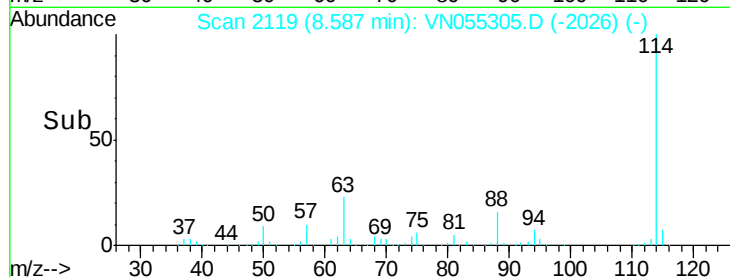
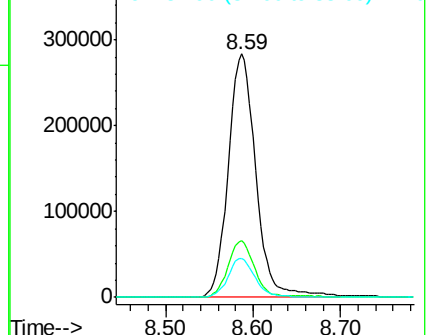
88 16.0 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 50.025 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055305.D

Acq: 30 Apr 2019 13:55

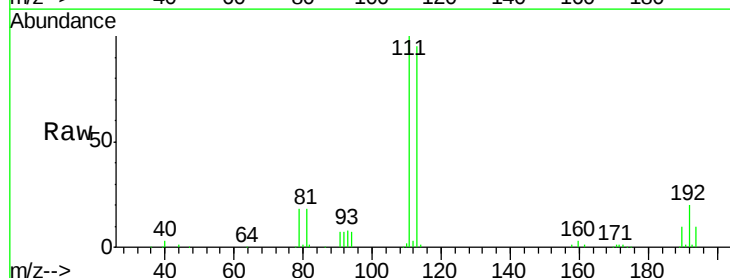
Tgt Ion:113 Resp: 204385

Ion Ratio Lower Upper

113 100

111 102.9 82.3 123.5

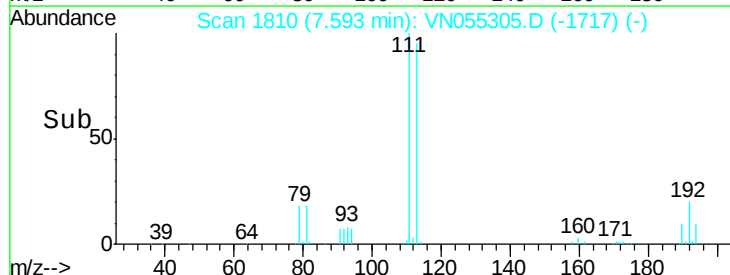
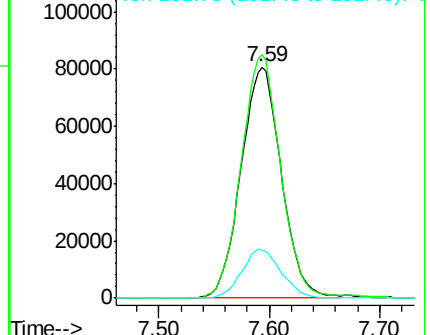
192 20.7 17.0 25.6

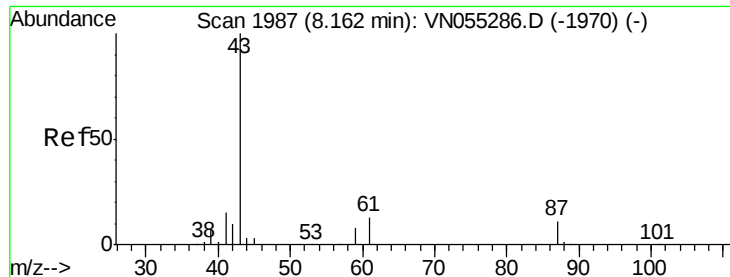


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.943 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055305.D

Acq: 30 Apr 2019 13:55

Instrument :

MSVOA_N

ClientSampleId :

JC-03-042919-C

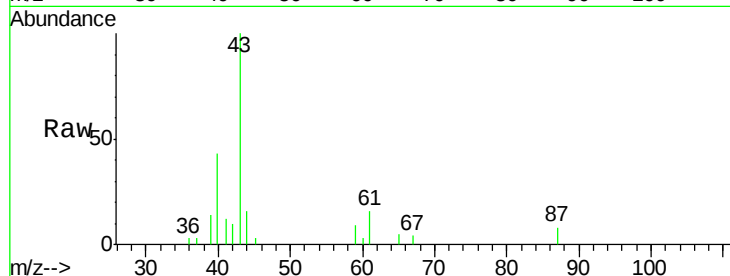
Tot Ion: 43 Resp: 14270

Ion Ratio Lower Upper

43 100

61 18.5 20.8 31.2#

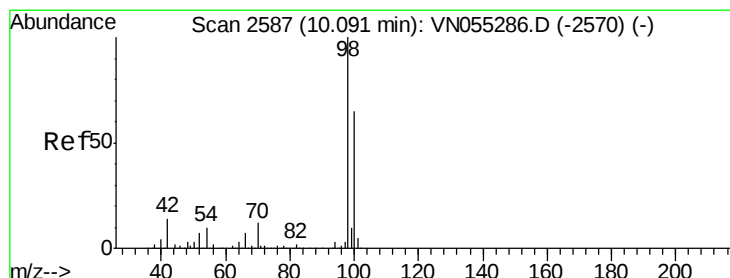
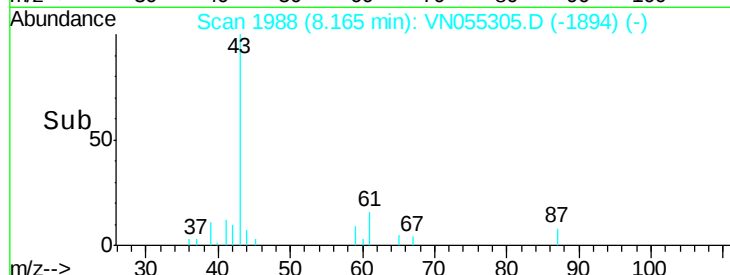
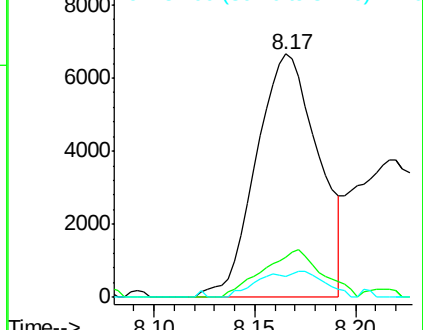
87 5.8 8.5 12.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 53.126 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055305.D

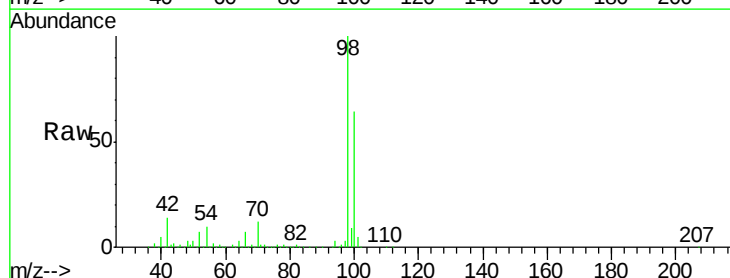
Acq: 30 Apr 2019 13:55

Tgt Ion: 98 Resp: 783761

Ion Ratio Lower Upper

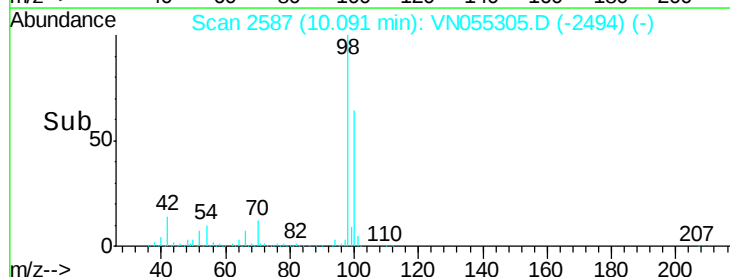
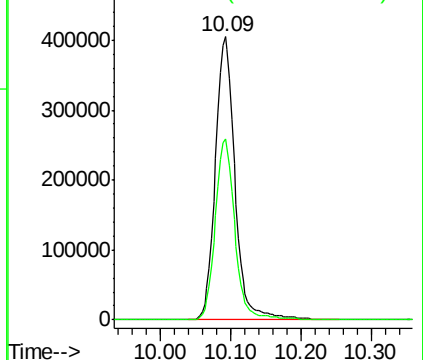
98 100

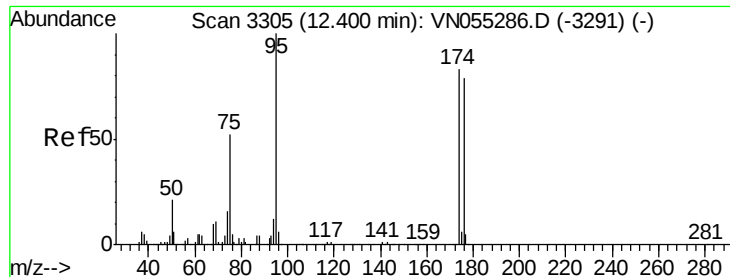
100 64.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 53.489 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055305.D

Acq: 30 Apr 2019 13:55

Instrument :

MSVOA_N

ClientSampleId :

JC-03-042919-C

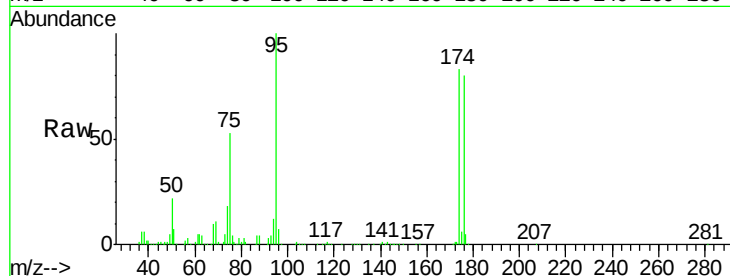
Tot Ion: 95 Resp: 246628

Ion Ratio Lower Upper

95 100

174 83.5 0.0 166.6

176 80.2 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN055305.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN055305.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN055305.D (-2903) (-)

12.40

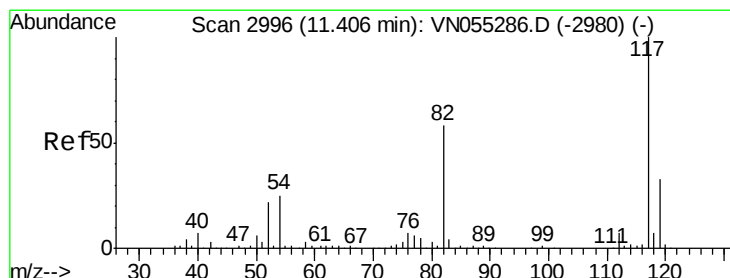
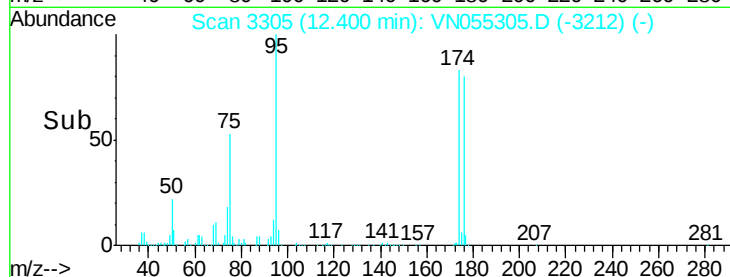
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055305.D

Acq: 30 Apr 2019 13:55

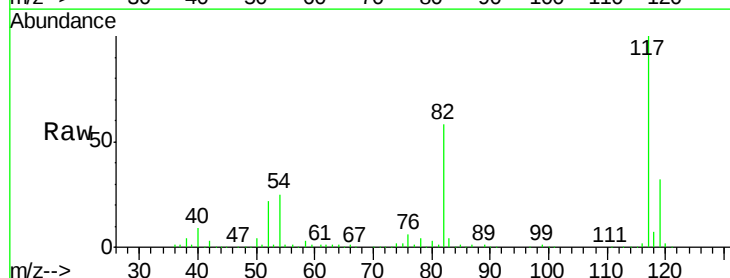
Tgt Ion: 117 Resp: 581136

Ion Ratio Lower Upper

117 100

82 58.1 46.2 69.4

119 32.0 26.6 40.0



Abundance Ion 116.90 (116.60 to 117.60): VN055305.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055305.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055305.D (-2903) (-)

11.41

400000

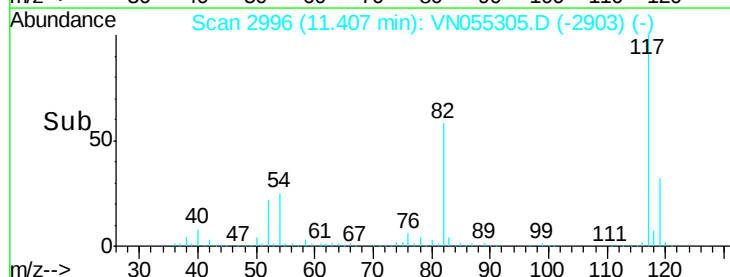
300000

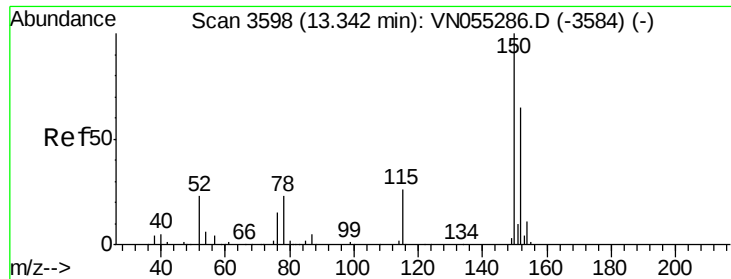
200000

100000

0

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055305.D

Acq: 30 Apr 2019 13:55

Instrument :

MSVOA_N

ClientSampleId :

JC-03-042919-C

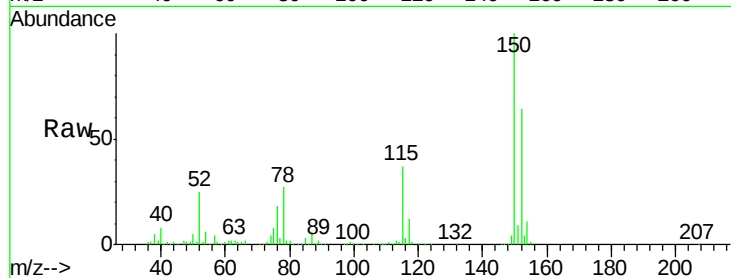
Tot Ion:152 Resp: 170264

Ion Ratio Lower Upper

152 100

115 59.6 29.0 87.0

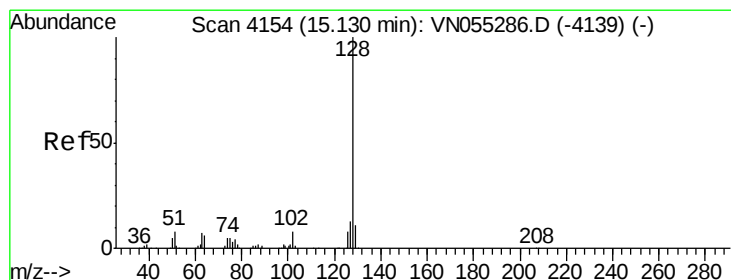
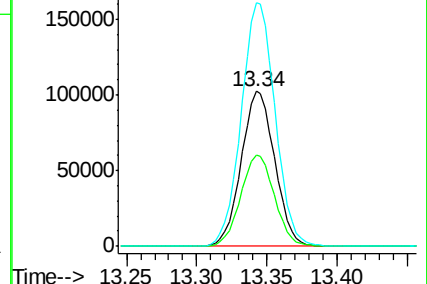
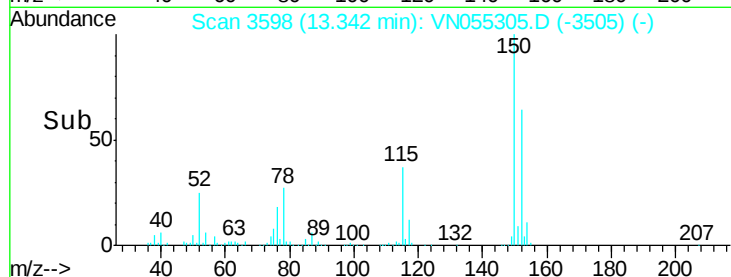
150 158.9 0.0 345.6



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



#95

Naphthalene

Concen: 4.344 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN055305.D

Acq: 30 Apr 2019 13:55

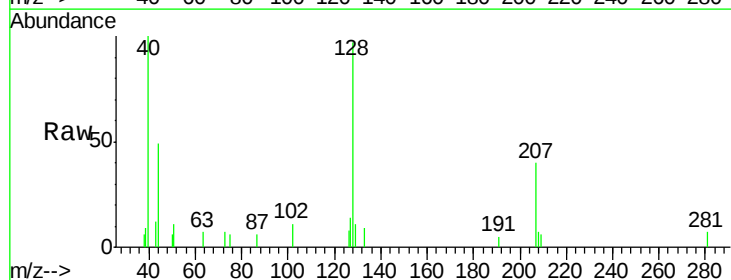
Tgt Ion:128 Resp: 5152

Ion Ratio Lower Upper

128 100

127 10.0 10.7 16.1#

129 8.2 8.6 13.0#



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

