

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN043019\
 Data File : VN055306.D
 Acq On : 30 Apr 2019 14:20
 Operator : JC/SP
 Sample : K2194-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: May 01 09:02:45 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

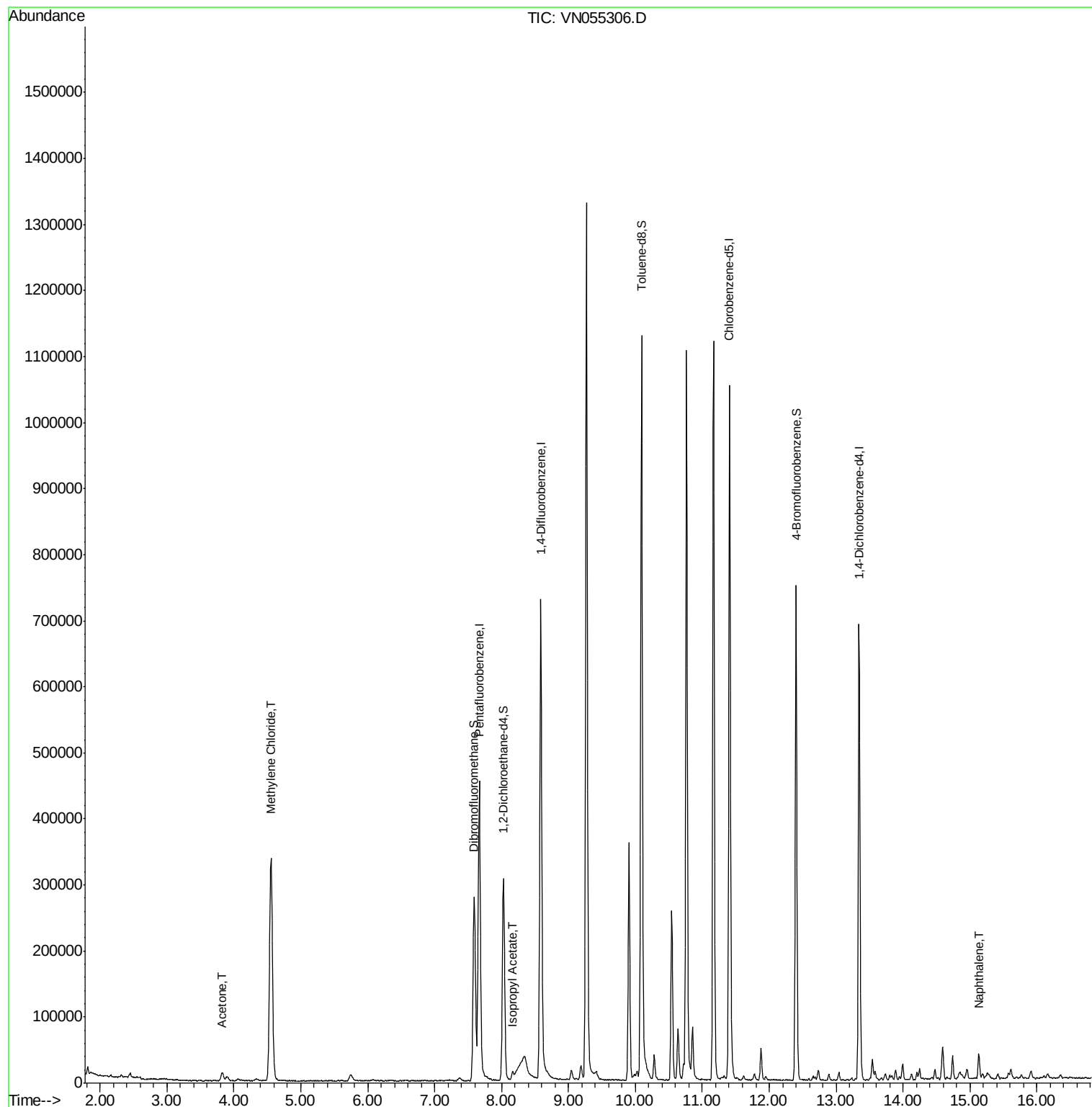
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	382094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	665335	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	607175	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	180369	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	266728	53.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.72%	
35) Dibromofluoromethane	7.59	113	212111	48.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.14%	
50) Toluene-d8	10.09	98	820001	52.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.00%	
62) 4-Bromofluorobenzene	12.40	95	254319	51.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.20%	
Target Compounds						
16) Acetone	3.82	43	22061	14.164	ug/l	99
20) Methylene Chloride	4.55	84	234252	49.274	ug/l	98
43) Isopropyl Acetate	8.17	43	17436	2.221	ug/l #	88
95) Naphthalene	15.13	128	33073	9.486	ug/l	99

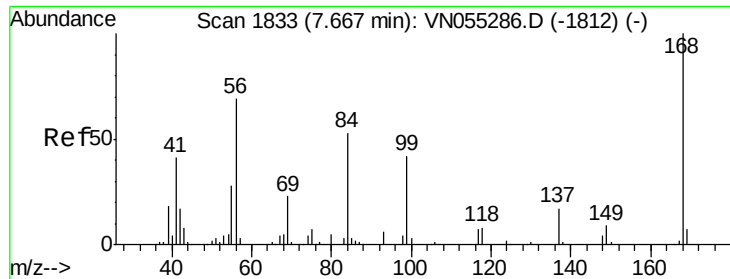
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN043019\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
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: VN055306.D

Acq: 30 Apr 2019 14:20

Instrument :

MSVOA_N

ClientSampleId :

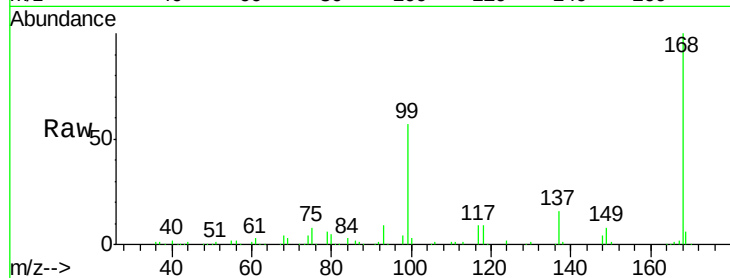
JC-03-042919-D

Tot Ion:168 Resp: 382094

Ion Ratio Lower Upper

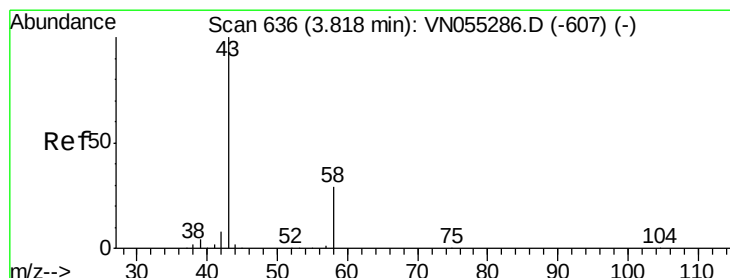
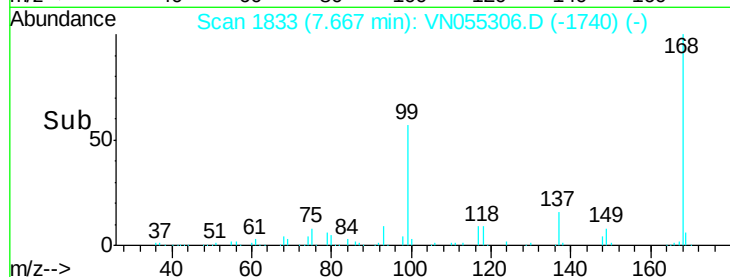
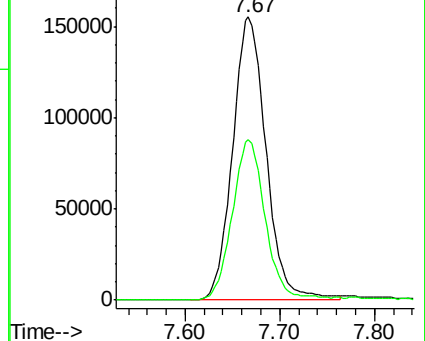
168 100

99 56.7 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 14.164 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055306.D

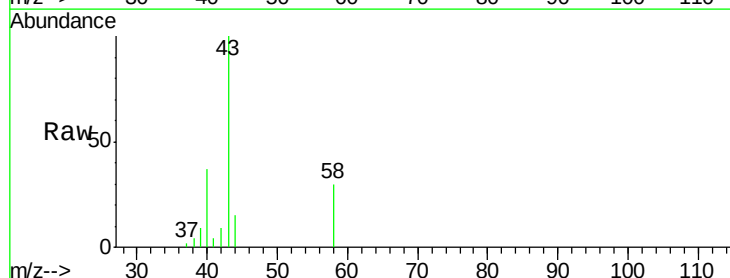
Acq: 30 Apr 2019 14:20

Tgt Ion: 43 Resp: 22061

Ion Ratio Lower Upper

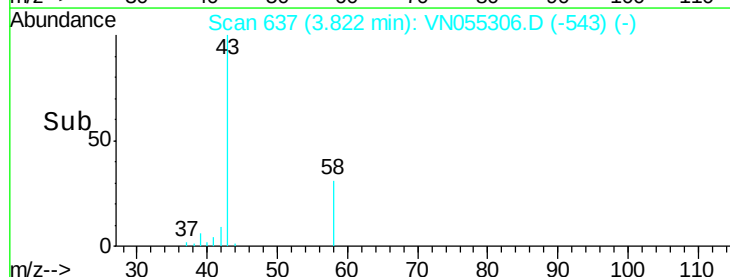
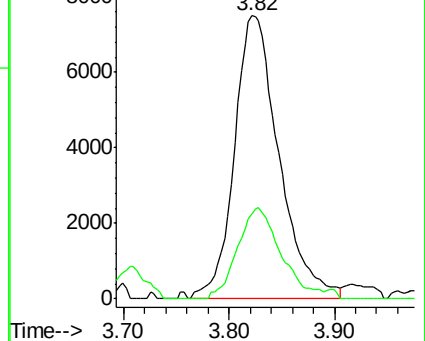
43 100

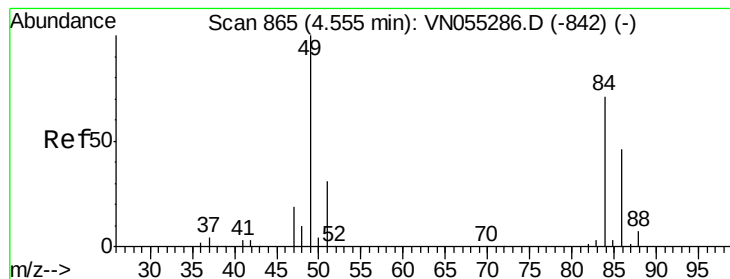
58 30.2 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#20

Methylene Chloride

Concen: 49.274 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN055306.D

Acq: 30 Apr 2019 14:20

Instrument :

MSVOA_N

ClientSampleId :

JC-03-042919-D

Tot Ion: 84 Resp: 234252

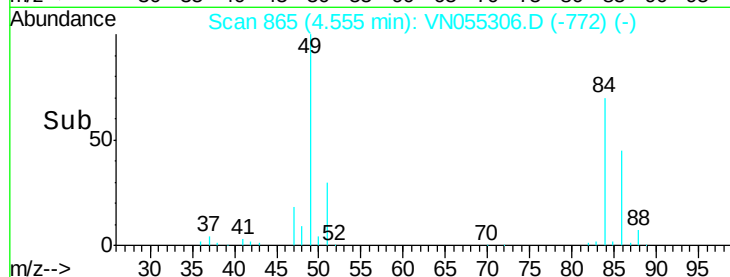
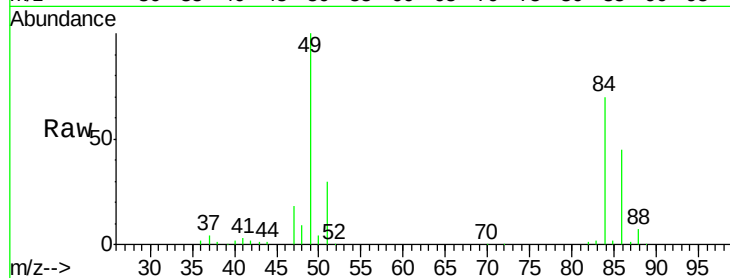
Ion Ratio Lower Upper

84 100

49 143.3 112.4 168.6

51 42.9 34.6 51.8

86 64.0 51.9 77.9

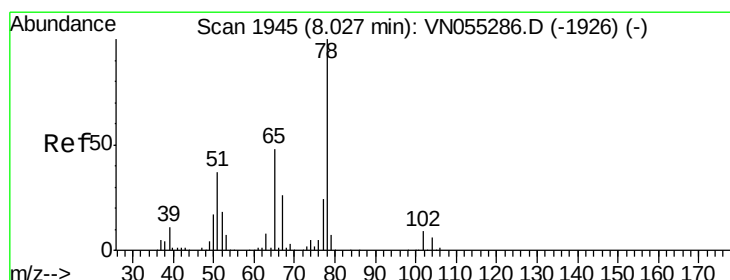
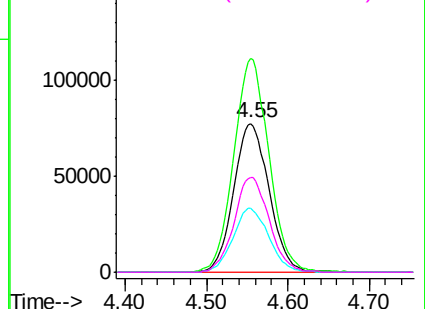


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 53.360 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055306.D

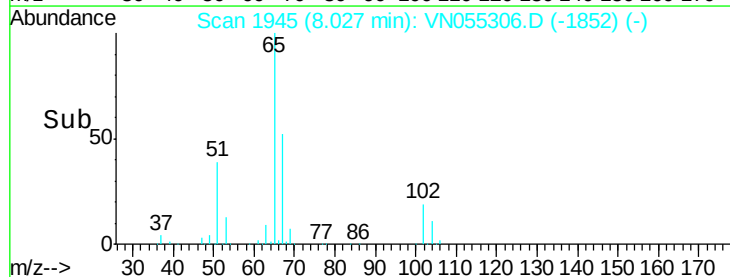
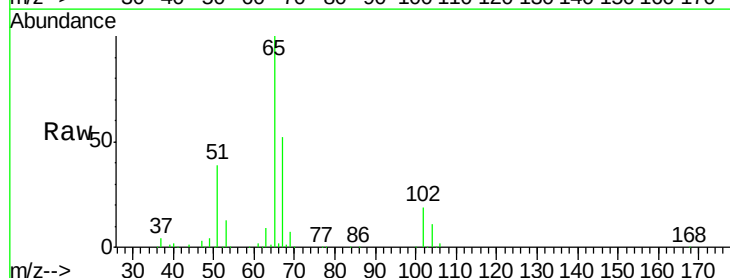
Acq: 30 Apr 2019 14:20

Tgt Ion: 65 Resp: 266728

Ion Ratio Lower Upper

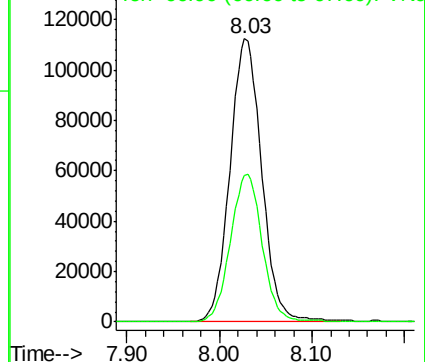
65 100

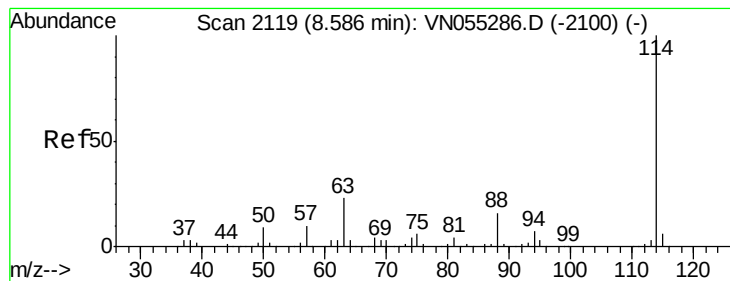
67 52.4 0.0 106.8



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: VN055306.D

Acq: 30 Apr 2019 14:20

Instrument :

MSVOA_N

ClientSampleId :

JC-03-042919-D

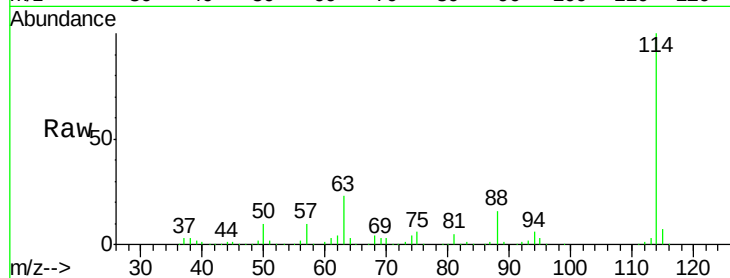
Tot Ion:114 Resp: 665335

Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.2

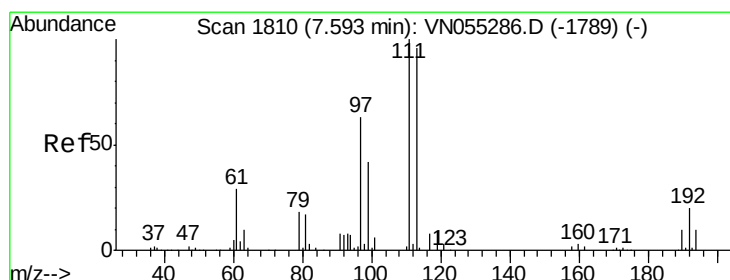
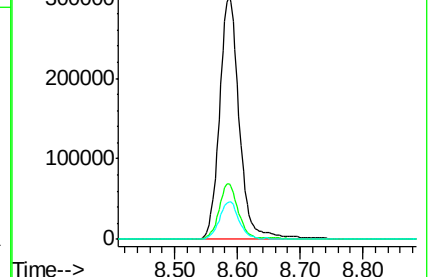
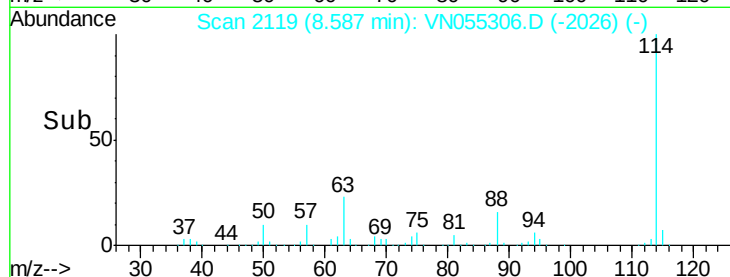
88 15.6 0.0 31.6



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: 48.571 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055306.D

Acq: 30 Apr 2019 14:20

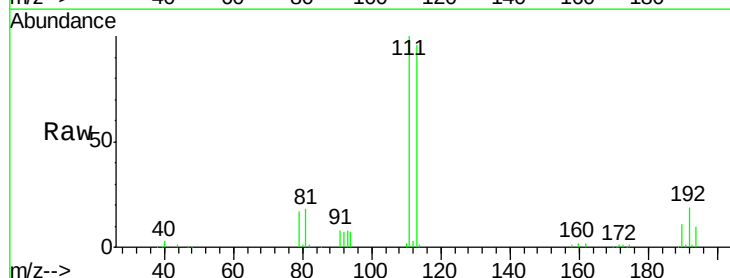
Tgt Ion:113 Resp: 212111

Ion Ratio Lower Upper

113 100

111 103.7 82.3 123.5

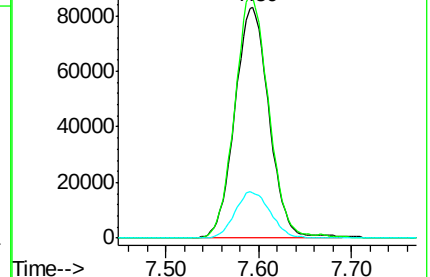
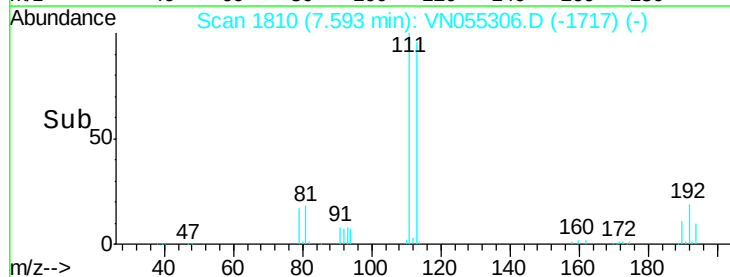
192 20.7 17.0 25.6

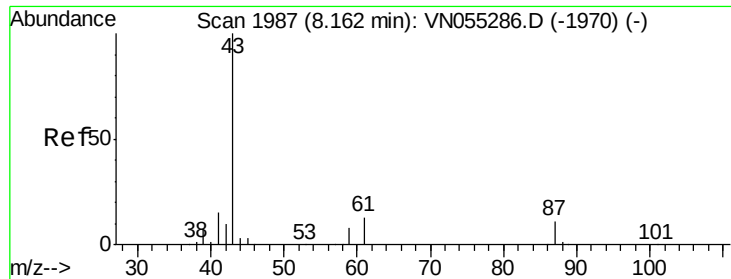


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.221 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055306.D

Acq: 30 Apr 2019 14:20

Instrument :

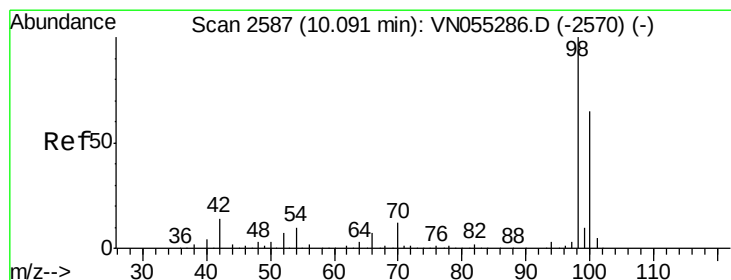
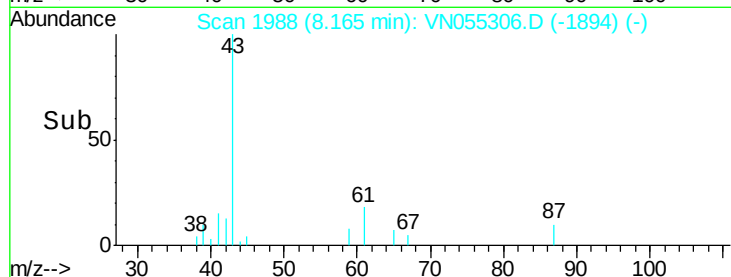
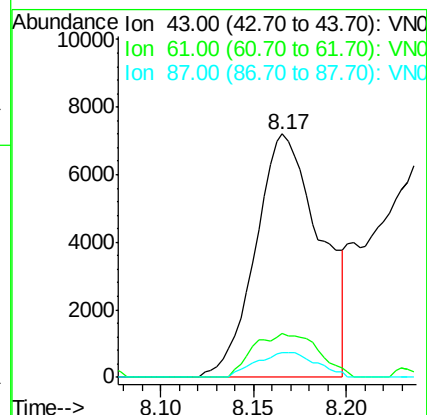
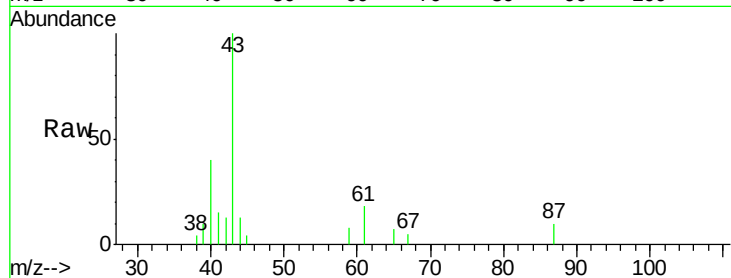
MSVOA_N

ClientSampleId :

JC-03-042919-D

Tot Ion: 43 Resp: 17436

Ion	Ratio	Lower	Upper
43	100		
61	18.2	20.8	31.2#
87	9.6	8.5	12.7



#50

Toluene-d8

Concen: 52.001 ug/l

RT: 10.09 min Scan# 2587

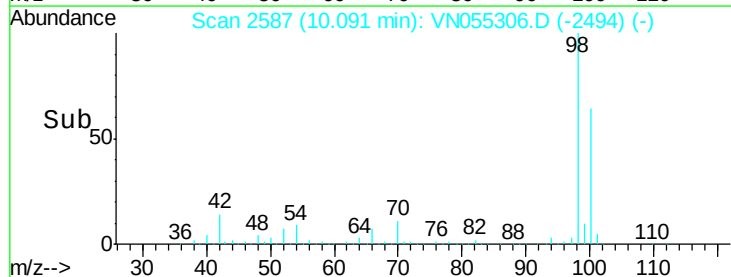
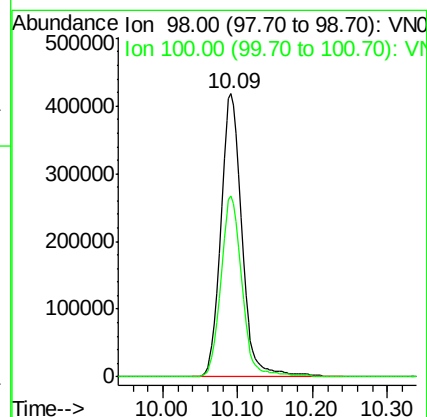
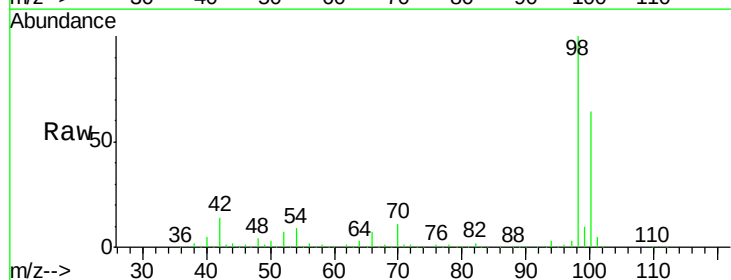
Delta R.T. 0.00 min

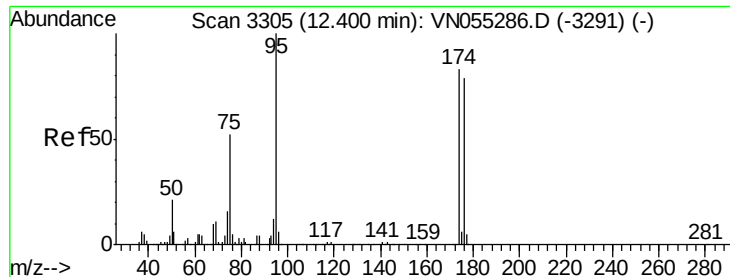
Lab File: VN055306.D

Acq: 30 Apr 2019 14:20

Tgt Ion: 98 Resp: 820001

Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.7	77.5





#62

4-Bromofluorobenzene

Concen: 51.603 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055306.D

Acq: 30 Apr 2019 14:20

Instrument :

MSVOA_N

ClientSampleId :

JC-03-042919-D

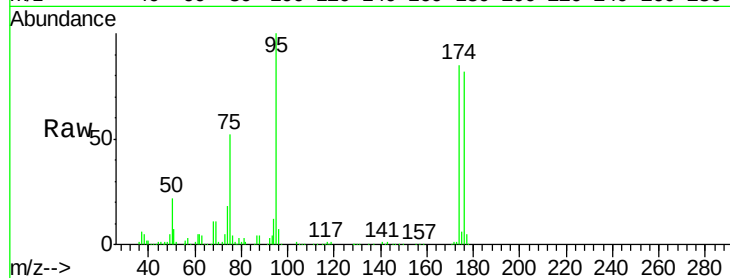
Tot Ion: 95 Resp: 254319

Ion Ratio Lower Upper

95 100

174 83.8 0.0 166.6

176 81.8 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN055306.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN055306.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN055306.D (-3212) (-)

12.40

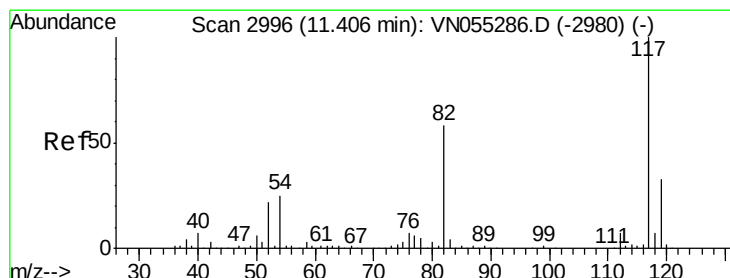
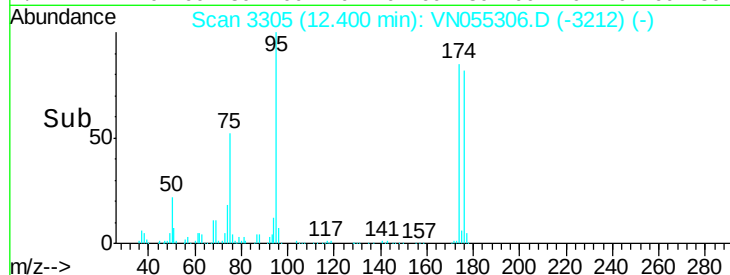
150000

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: VN055306.D

Acq: 30 Apr 2019 14:20

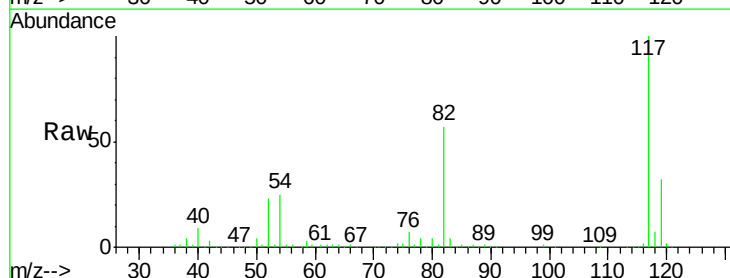
Tgt Ion: 117 Resp: 607175

Ion Ratio Lower Upper

117 100

82 57.4 46.2 69.4

119 32.0 26.6 40.0



Abundance Ion 116.90 (116.60 to 117.60): VN055306.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055306.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055306.D (-2903) (-)

11.41

400000

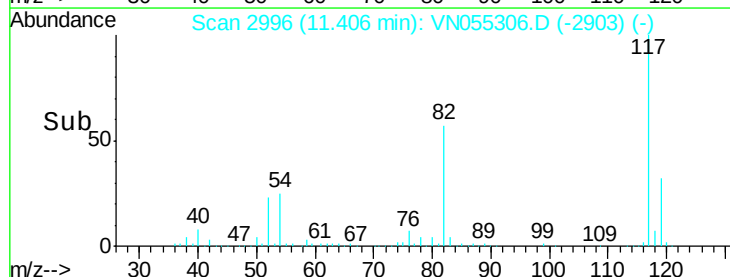
300000

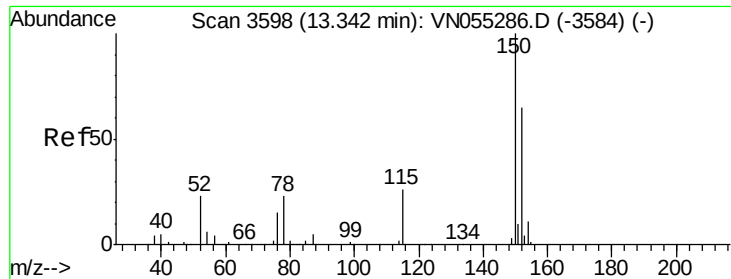
200000

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: VN055306.D

Acq: 30 Apr 2019 14:20

Instrument :

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ClientSampleId :

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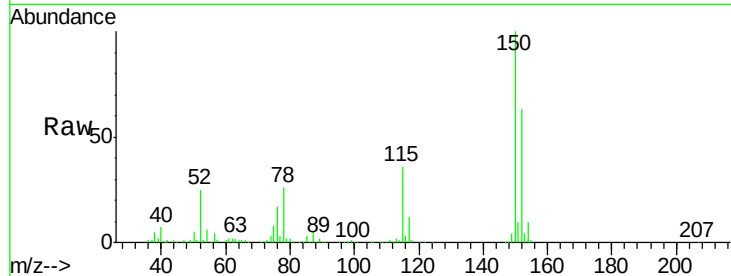
Tot Ion:152 Resp: 180369

Ion Ratio Lower Upper

152 100

115 58.3 29.0 87.0

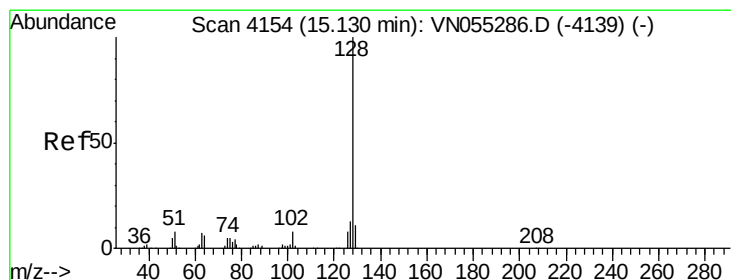
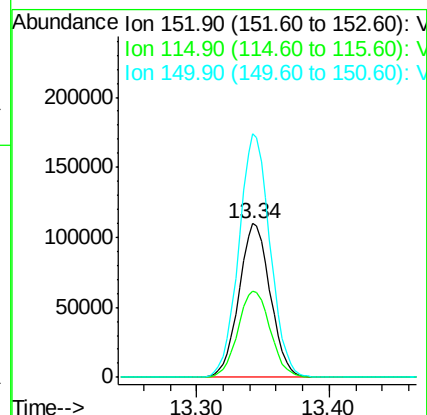
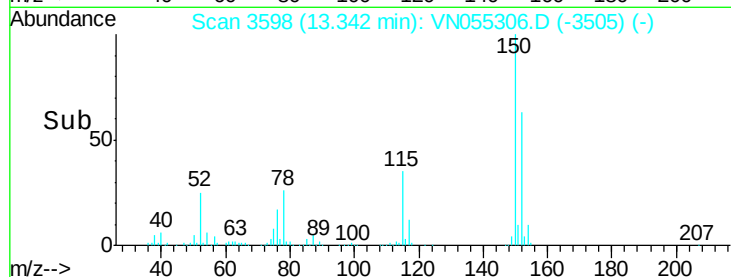
150 157.5 0.0 345.6



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: 9.486 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055306.D

Acq: 30 Apr 2019 14:20

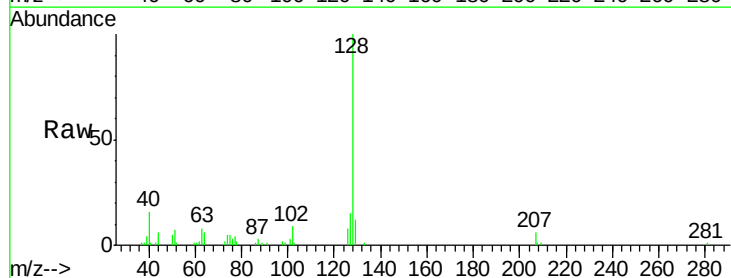
Tgt Ion:128 Resp: 33073

Ion Ratio Lower Upper

128 100

127 13.8 10.7 16.1

129 11.1 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

