

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021319\
 Data File : VN053755.D
 Acq On : 13 Feb 2019 15:15
 Operator : JC/SP
 Sample : K1343-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-021119-F

Quant Time: Feb 14 01:00:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

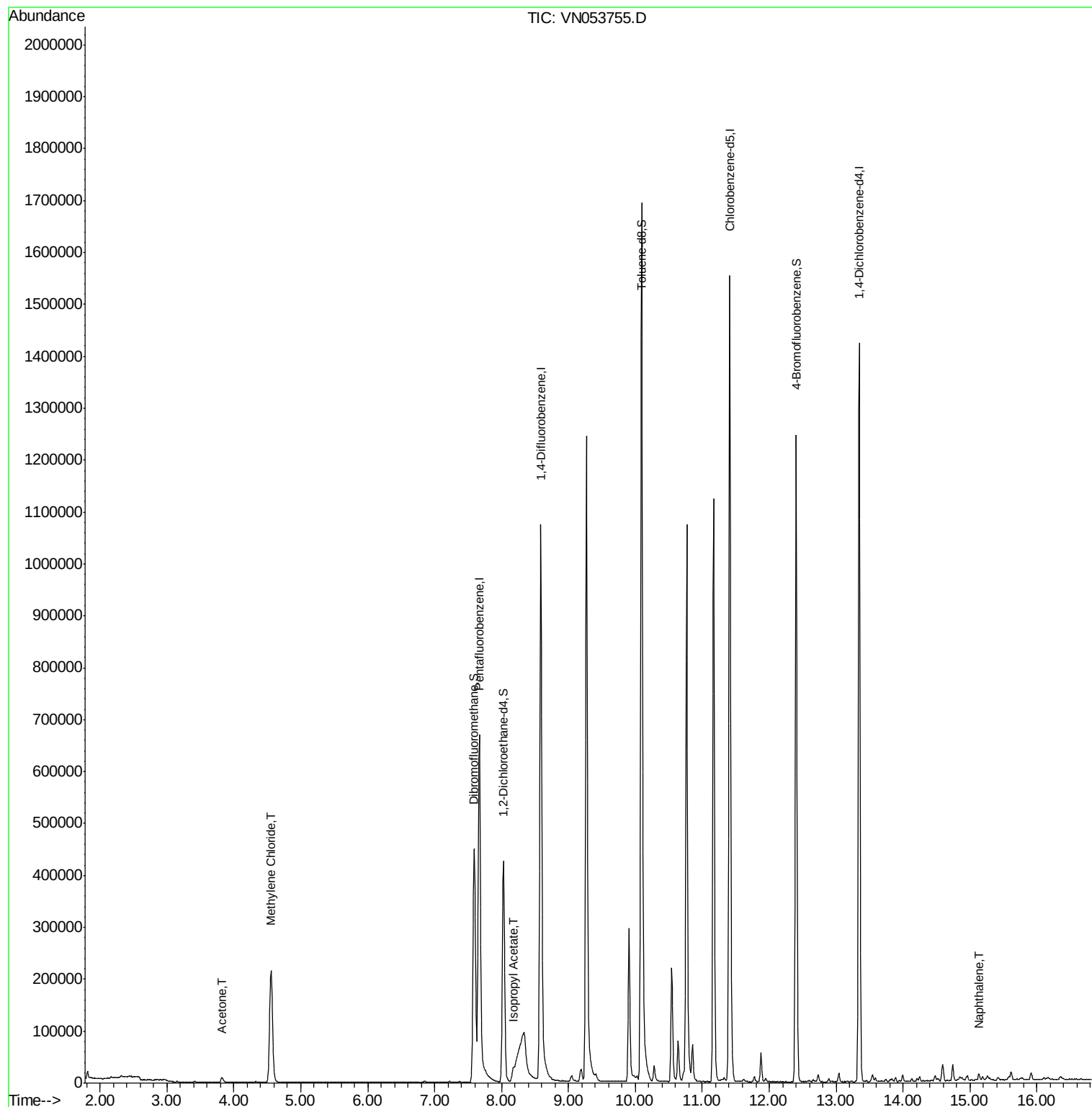
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	678851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1121290	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1038356	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	417512	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	363822	53.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.84%	
35) Dibromofluoromethane	7.59	113	354114	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.96%	
50) Toluene-d8	10.09	98	1359038	51.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.18%	
62) 4-Bromofluorobenzene	12.40	95	441758	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
Target Compounds						
16) Acetone	3.82	43	16227	9.289	ug/l #	86
20) Methylene Chloride	4.56	84	173652	23.695	ug/l	99
43) Isopropyl Acetate	8.18	43	32028	2.938	ug/l #	78
95) Naphthalene	15.13	128	11799	2.357	ug/l	98

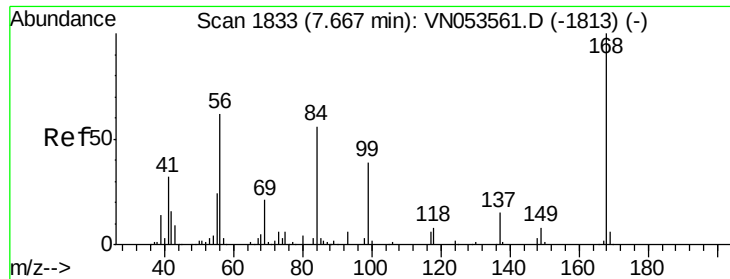
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021319\
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Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 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: VN053755.D

Acq: 13 Feb 2019 15:15

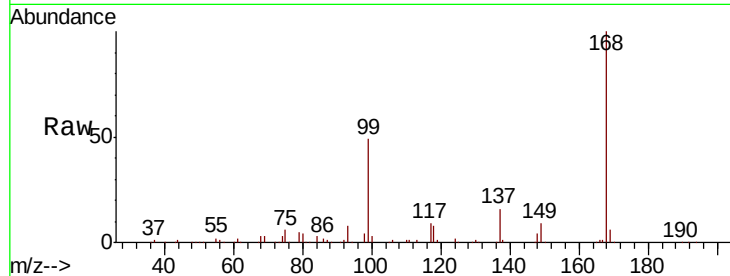
Instrument :
MSVOA_N
ClientSampleId :
JC-02-021119-F

Tot Ion:168 Resp: 678851

Ion Ratio Lower Upper

168 100

99 49.4 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

150000

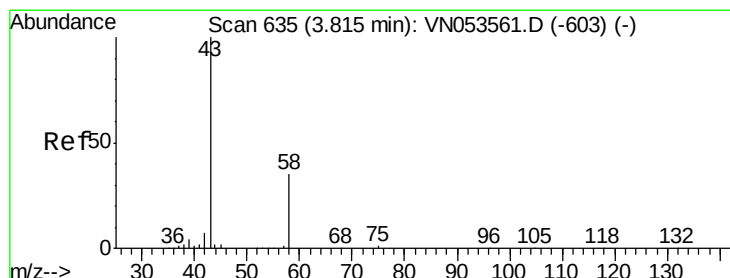
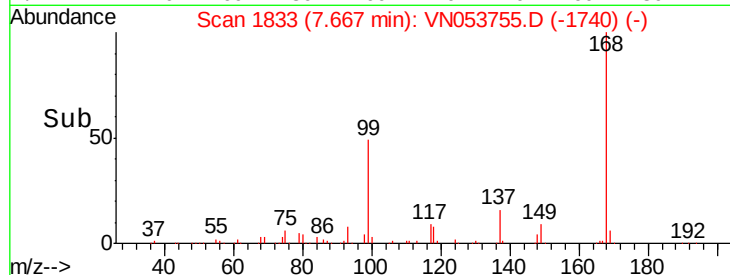
100000

50000

0

Time-->

7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 9.289 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053755.D

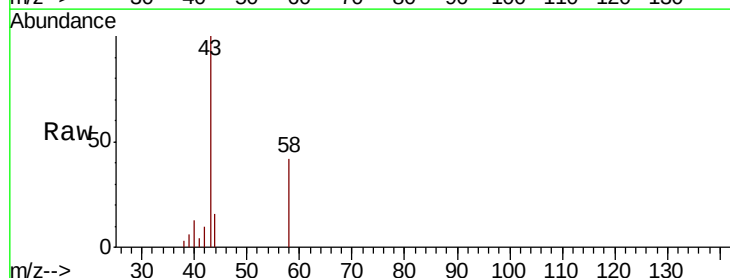
Acq: 13 Feb 2019 15:15

Tgt Ion: 43 Resp: 16227

Ion Ratio Lower Upper

43 100

58 41.6 27.1 40.7#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

6000

5000

4000

3000

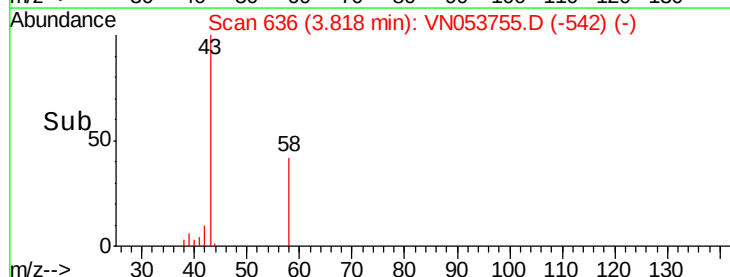
2000

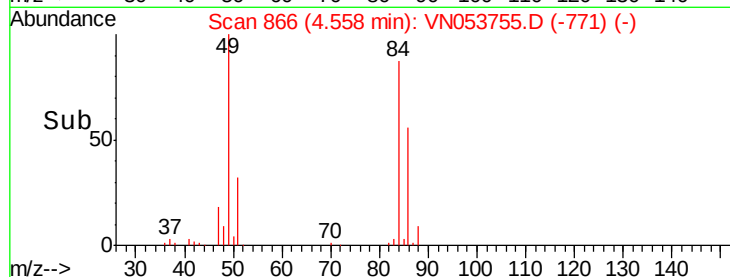
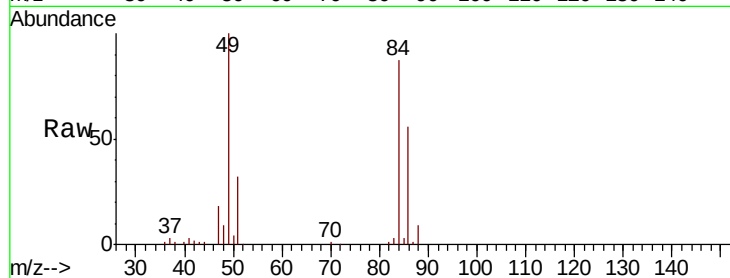
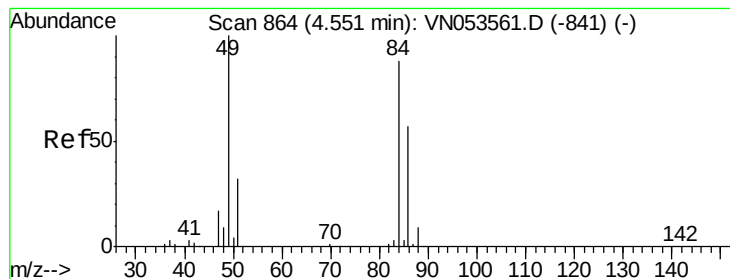
1000

0

Time-->

3.75 3.80 3.85 3.90





#20

Methylene Chloride

Concen: 23.695 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.01 min

Lab File: VN053755.D

Acq: 13 Feb 2019 15:15

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-F

Tot Ion: 84 Resp: 173652

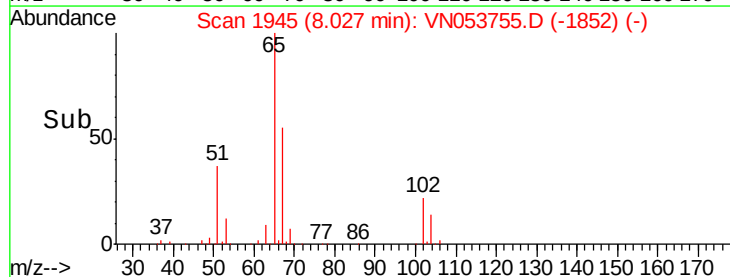
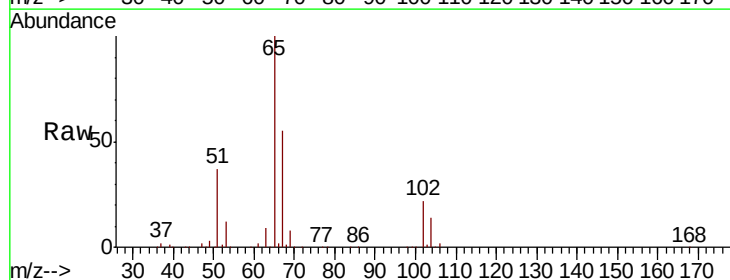
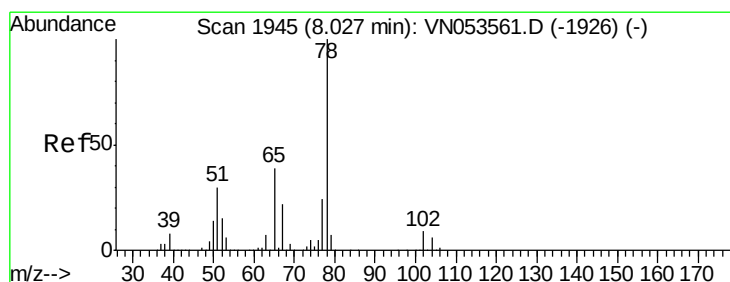
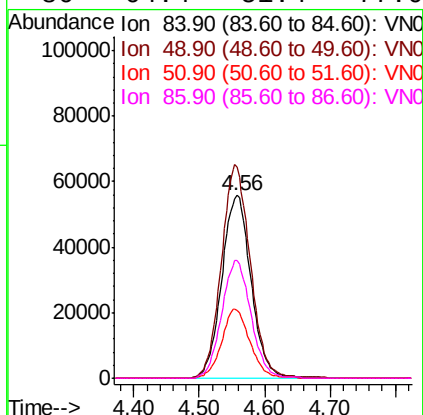
Ion Ratio Lower Upper

84 100

49 115.4 94.3 141.5

51 37.2 29.4 44.2

86 64.4 51.4 77.0



#33

1,2-Dichloroethane-d4

Concen: 53.423 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053755.D

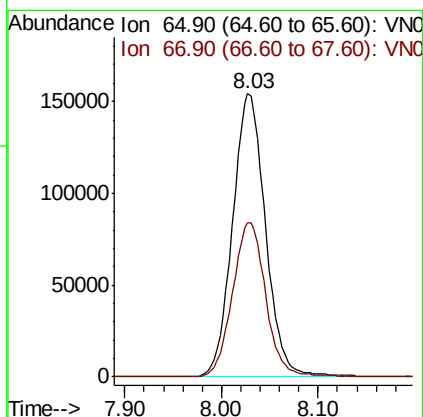
Acq: 13 Feb 2019 15:15

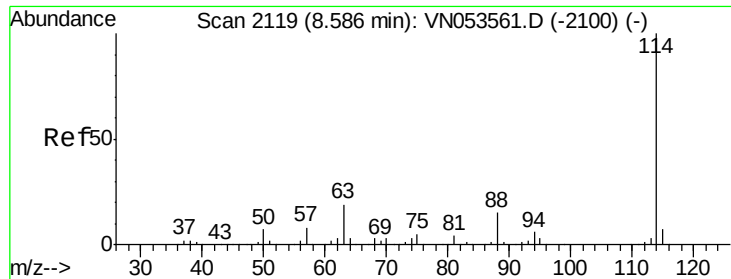
Tgt Ion: 65 Resp: 363822

Ion Ratio Lower Upper

65 100

67 55.2 0.0 111.2

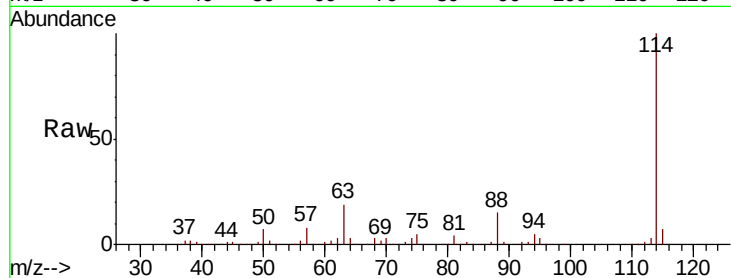




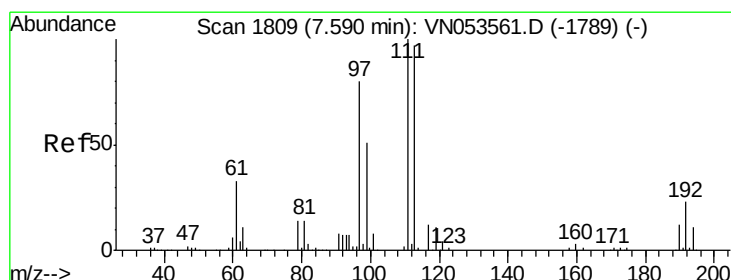
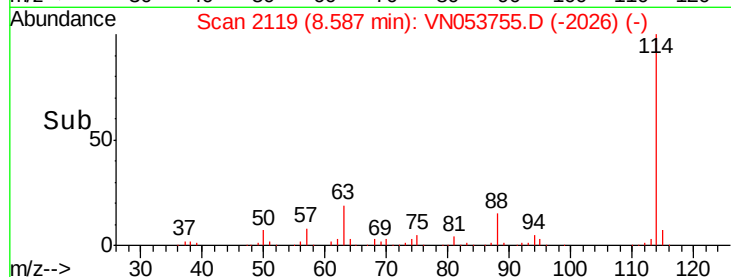
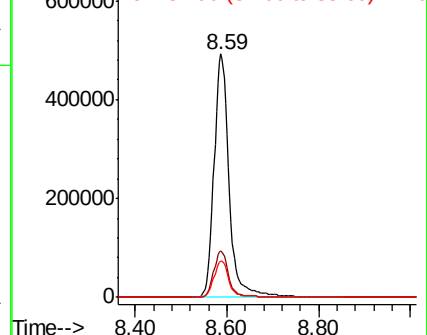
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053755.D
Acq: 13 Feb 2019 15:15

Instrument :
MSVOA_N
ClientSampleId :
JC-02-021119-F

Tot Ion:114 Resp: 1121290
Ion Ratio Lower Upper
114 100
63 19.1 0.0 38.6
88 15.1 0.0 30.4

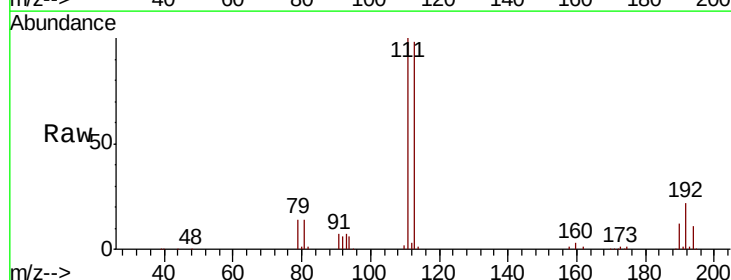


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

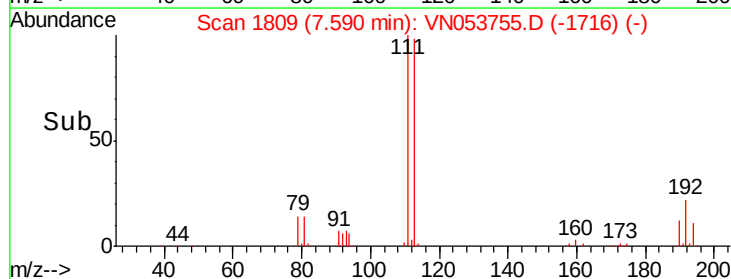
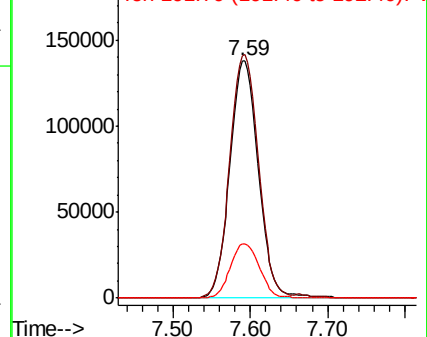


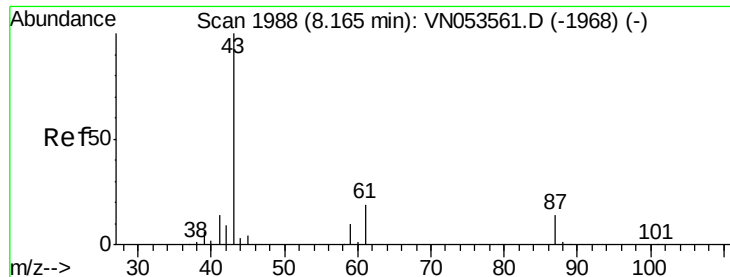
#35
Dibromofluoromethane
Concen: 49.980 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN053755.D
Acq: 13 Feb 2019 15:15

Tgt Ion:113 Resp: 354114
Ion Ratio Lower Upper
113 100
111 102.9 81.1 121.7
192 23.3 18.2 27.2



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: 2.938 ug/l

RT: 8.18 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN053755.D

Acq: 13 Feb 2019 15:15

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-F

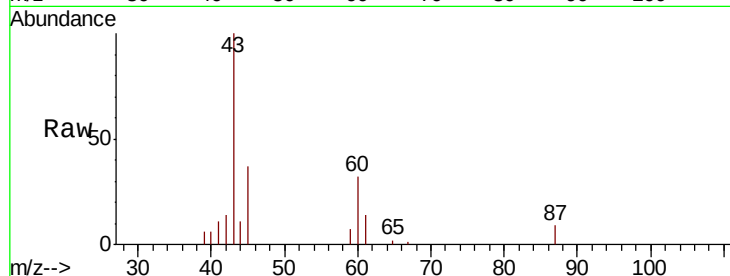
Tot Ion: 43 Resp: 32028

Ion Ratio Lower Upper

43 100

61 15.7 23.9 35.9#

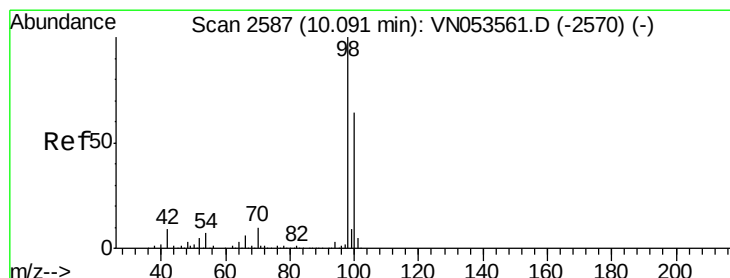
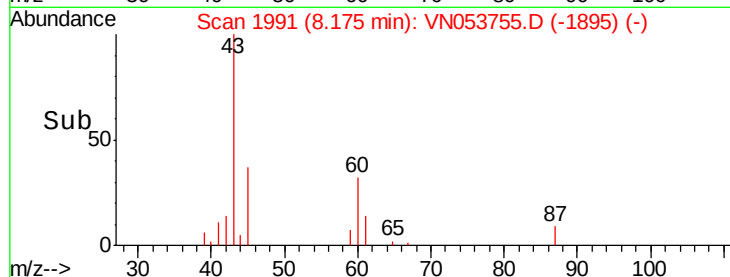
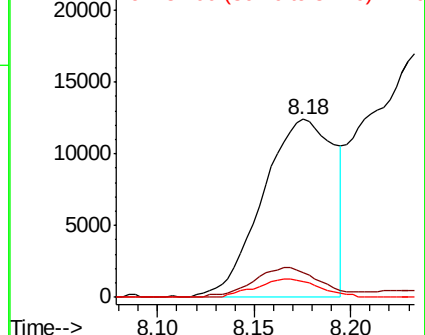
87 8.9 11.0 16.6#



Abundance Ion 43.00 (42.70 to 43.70): VN053755.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN053755.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN053755.D (-1968) (-)



#50

Toluene-d8

Concen: 51.086 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053755.D

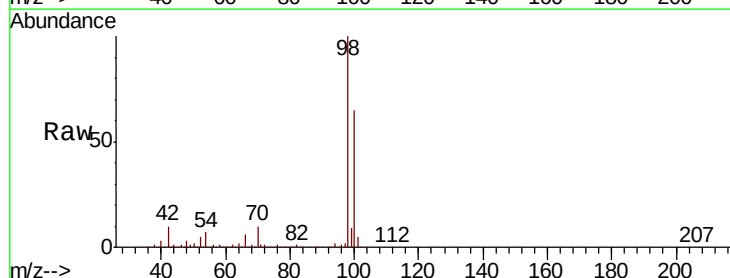
Acq: 13 Feb 2019 15:15

Tgt Ion: 98 Resp: 1359038

Ion Ratio Lower Upper

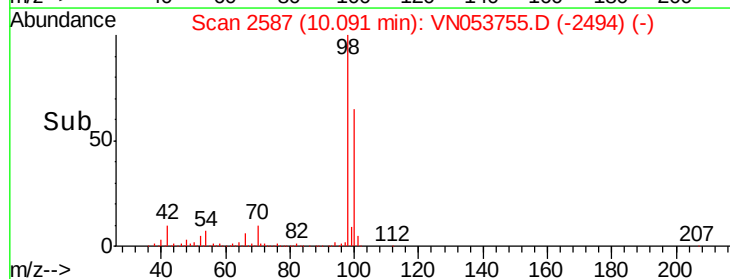
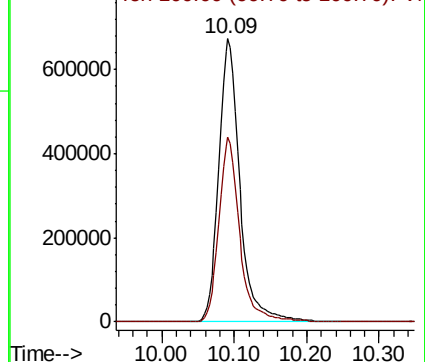
98 100

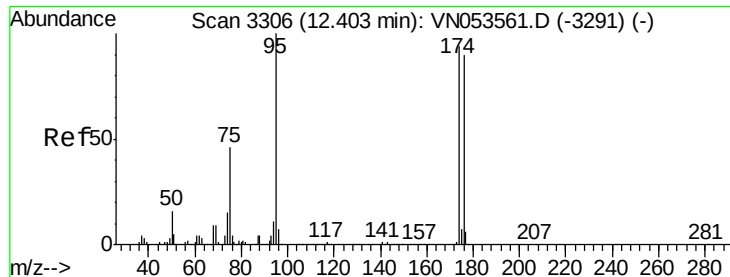
100 64.5 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053755.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053755.D (-2494) (-)





#62

4-Bromofluorobenzene

Concen: 49.789 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053755.D

Acq: 13 Feb 2019 15:15

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-F

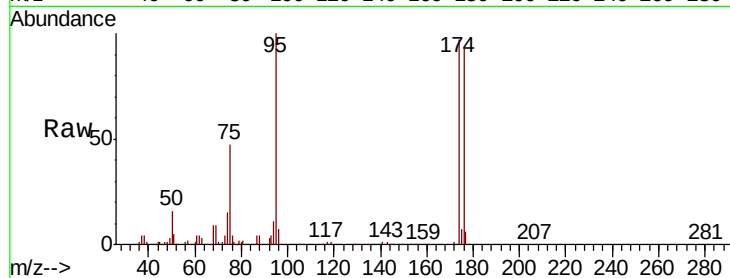
Tot Ion: 95 Resp: 441758

Ion Ratio Lower Upper

95 100

174 94.8 0.0 183.2

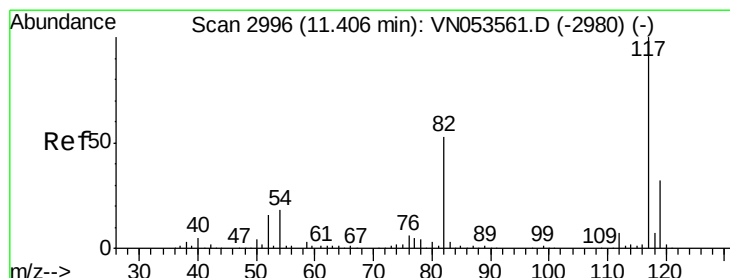
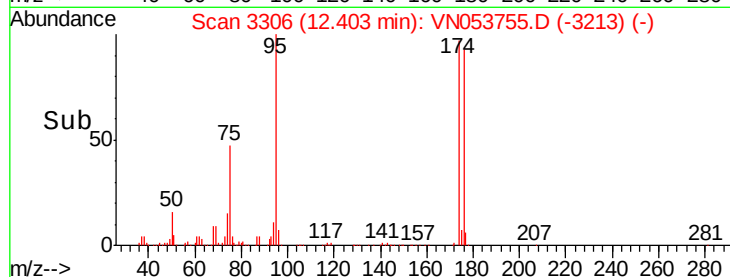
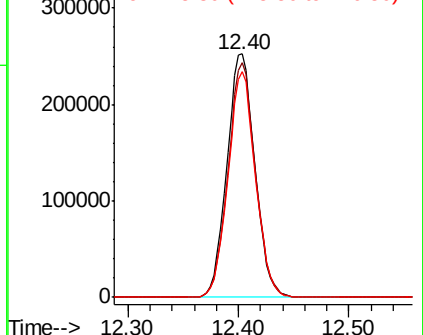
176 91.1 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053755.D

Acq: 13 Feb 2019 15:15

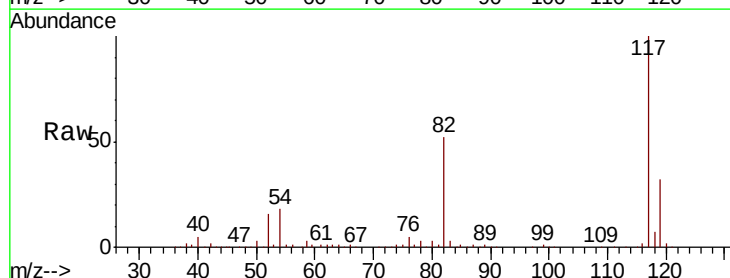
Tgt Ion: 117 Resp: 1038356

Ion Ratio Lower Upper

117 100

82 52.3 42.9 64.3

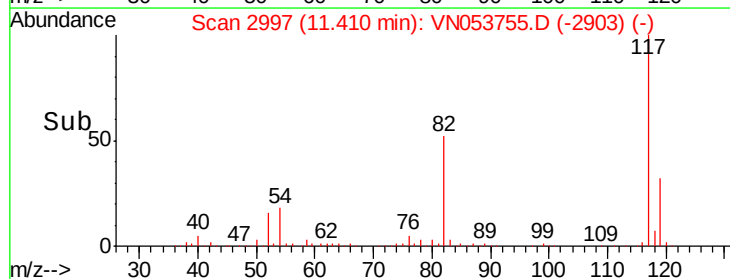
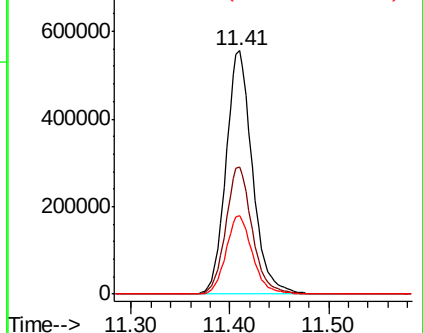
119 32.3 26.0 39.0

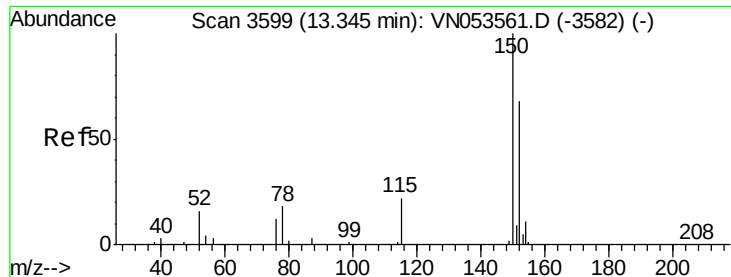


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053755.D

Acq: 13 Feb 2019 15:15

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-F

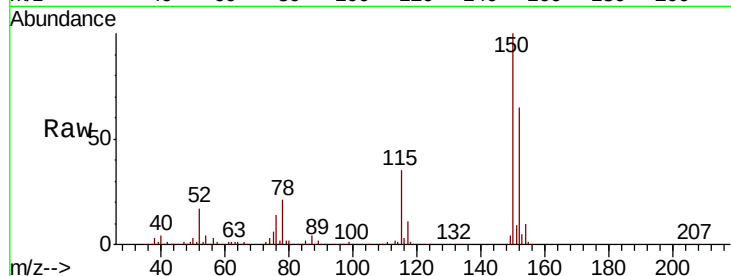
Tot Ion:152 Resp: 417512

Ion Ratio Lower Upper

152 100

115 54.9 27.8 83.4

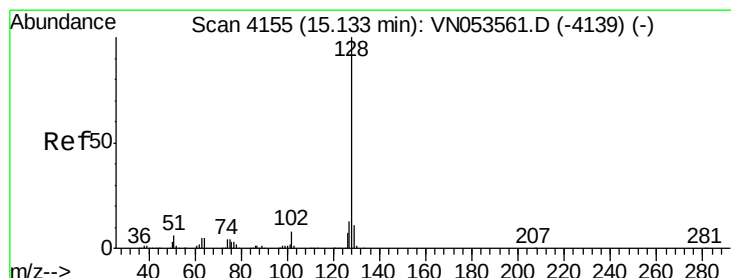
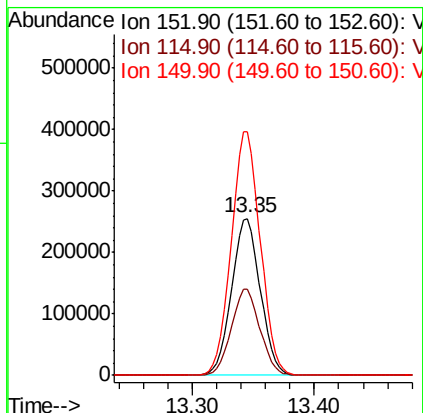
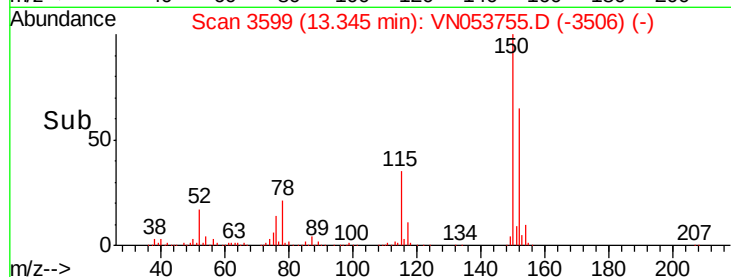
150 156.7 0.0 349.0



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



#95

Naphthalene

Concen: 2.357 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053755.D

Acq: 13 Feb 2019 15:15

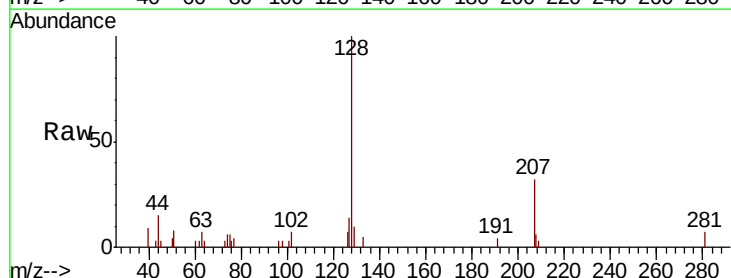
Tgt Ion:128 Resp: 11799

Ion Ratio Lower Upper

128 100

127 11.7 10.3 15.5

129 11.2 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

