

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021119\
 Data File : VN053701.D
 Acq On : 11 Feb 2019 13:39
 Operator : JC/SP
 Sample : K1356-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-020819-B

Quant Time: Feb 11 22:47:08 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

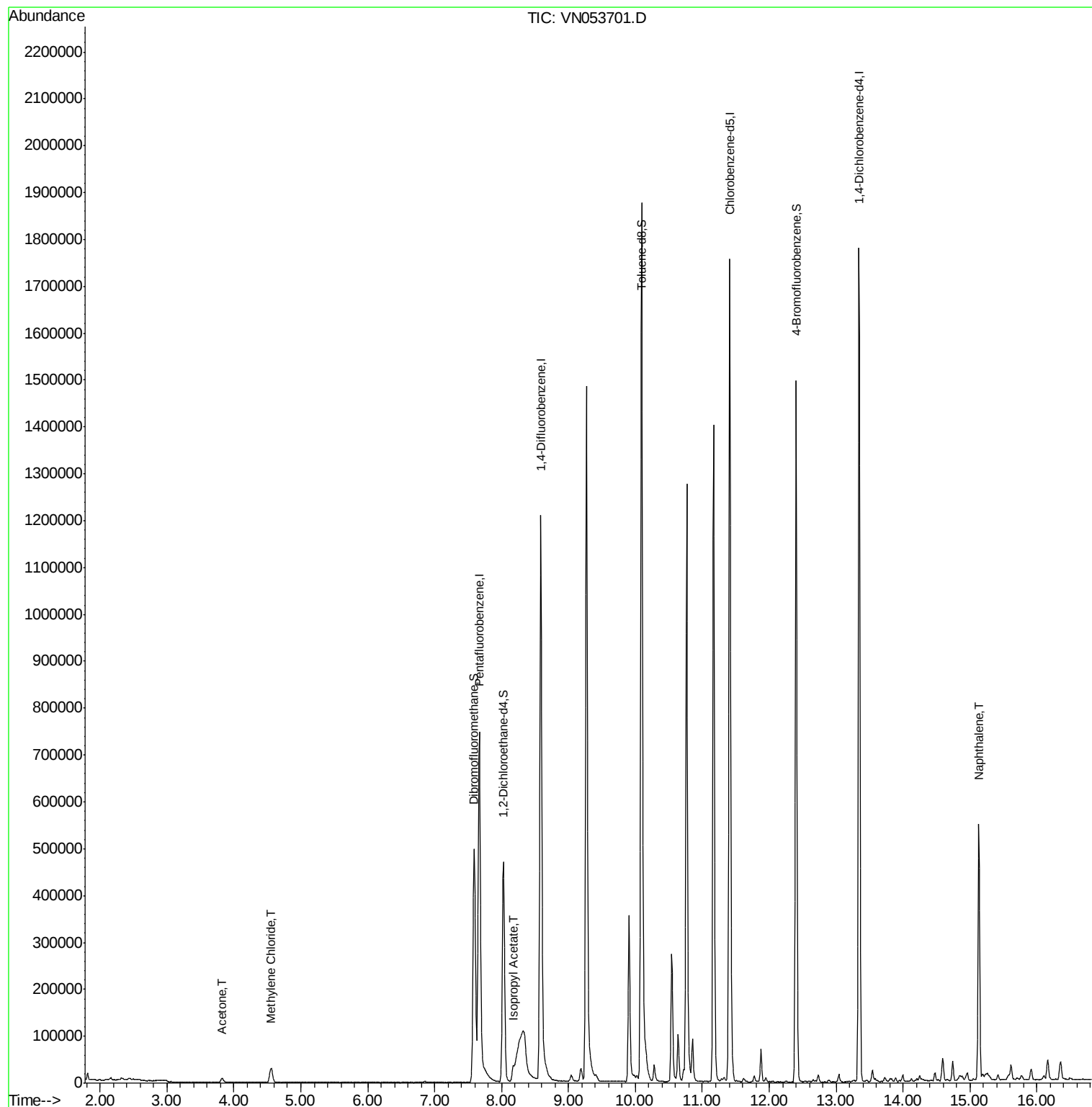
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	756627	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1253662	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1173269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	514821	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	402826	53.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.14%	
35) Dibromofluoromethane	7.59	113	394521	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.60%	
50) Toluene-d8	10.09	98	1525971	51.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.60%	
62) 4-Bromofluorobenzene	12.40	95	526390	53.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.12%	
Target Compounds						
16) Acetone	3.82	43	16517	8.483	ug/l	95
20) Methylene Chloride	4.55	84	25761	3.154	ug/l	93
43) Isopropyl Acetate	8.17	43	32749	2.687	ug/l #	82
95) Naphthalene	15.13	128	480376	22.240	ug/l	100

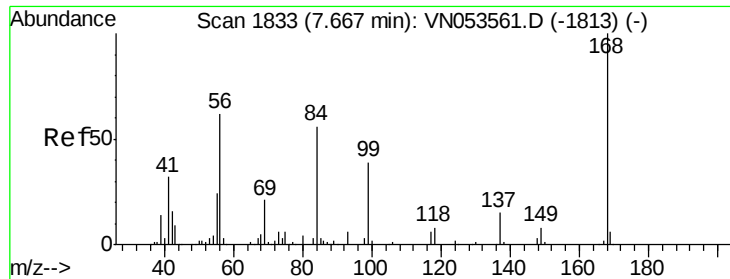
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021119\
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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: VN053701.D

Acq: 11 Feb 2019 13:39

Instrument :

MSVOA_N

ClientSampleId :

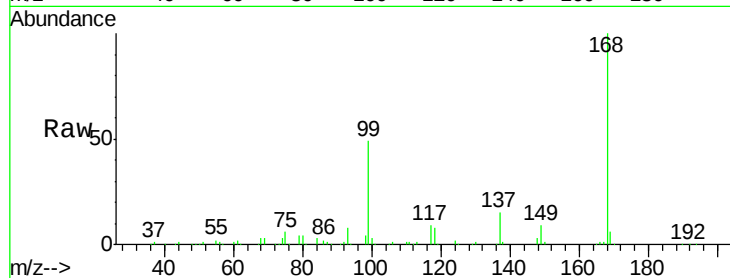
SU-03-020819-B

Tot Ion:168 Resp: 756627

Ion Ratio Lower Upper

168 100

99 48.6 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053701.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053701.D (-1740) (-)

7.67

300000

250000

200000

150000

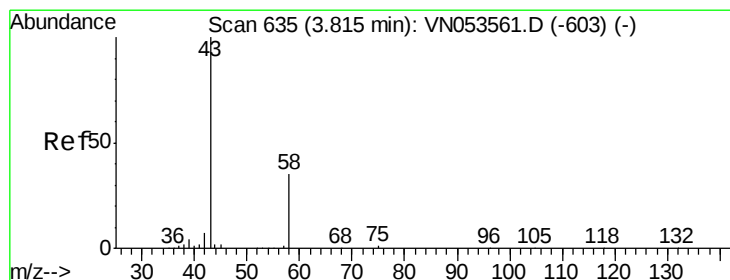
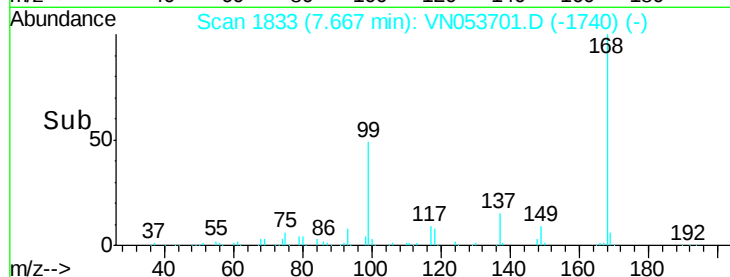
100000

50000

0

7.50 7.60 7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 8.483 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053701.D

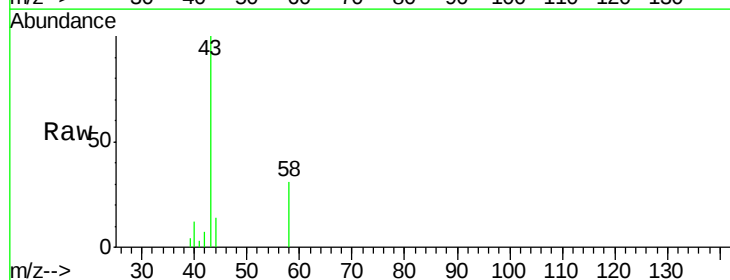
Acq: 11 Feb 2019 13:39

Tgt Ion: 43 Resp: 16517

Ion Ratio Lower Upper

43 100

58 31.1 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN053701.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN053701.D (-542) (-)

3.82

6000

5000

4000

3000

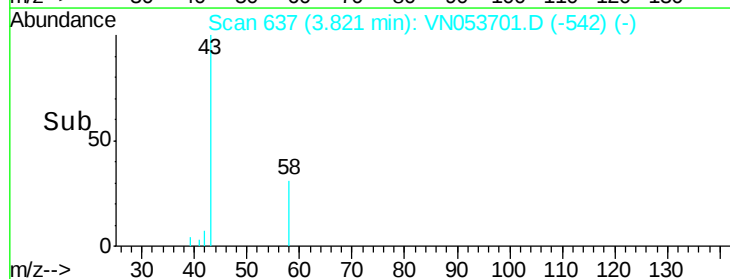
2000

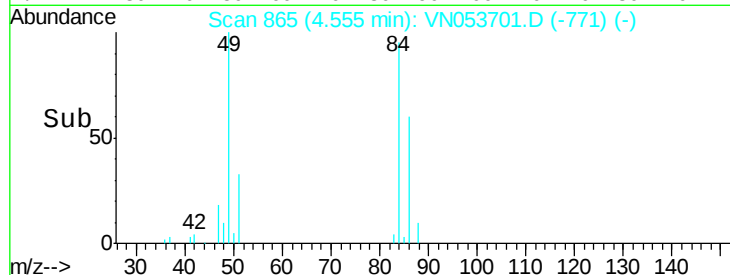
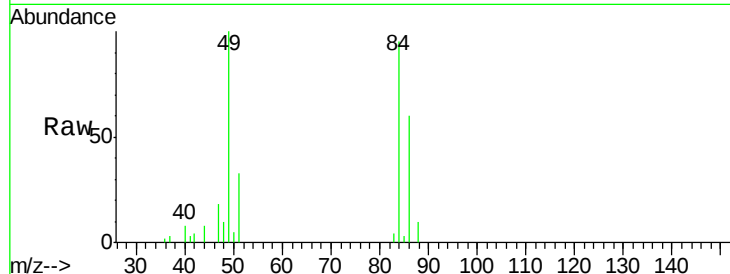
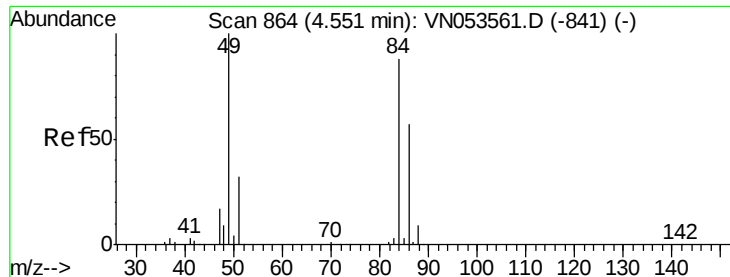
1000

0

3.75 3.80 3.85 3.90

Time-->

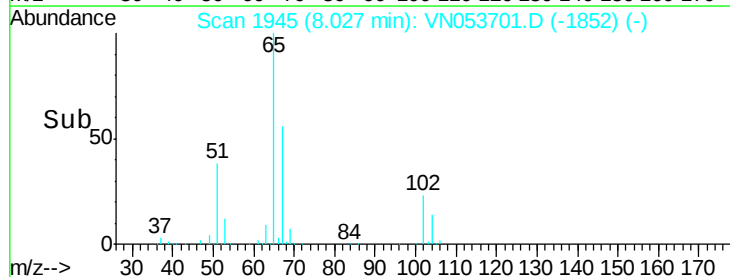
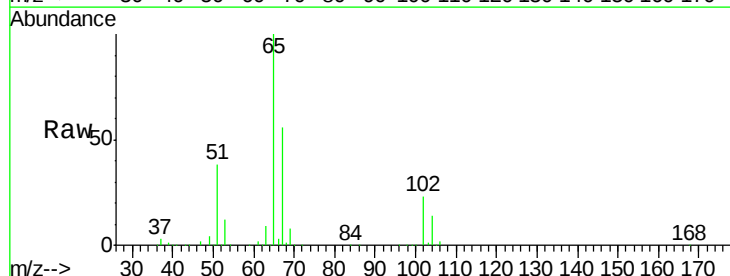
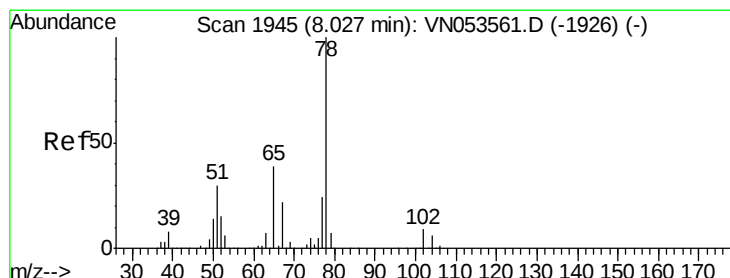
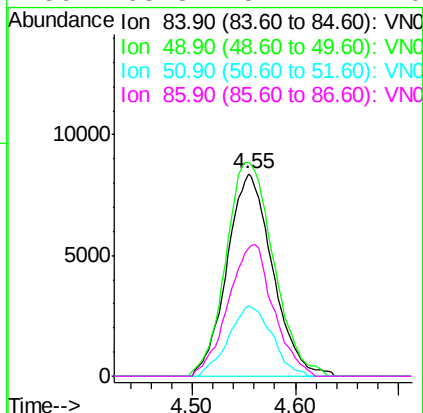




#20
Methvlene Chloride
Concen: 3.154 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053701.D
Acq: 11 Feb 2019 13:39

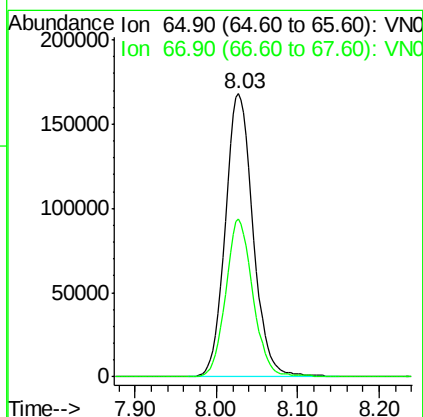
Instrument :
MSVOA_N
ClientSampleId :
SU-03-020819-B

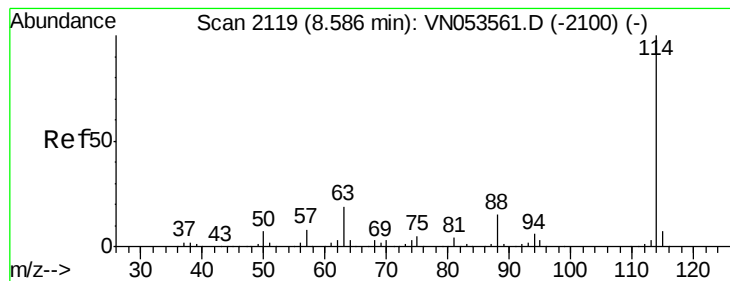
Tot Ion:	84	Resp:	25761
Ion	Ratio	Lower	Upper
84	100		
49	105.6	94.3	141.5
51	34.7	29.4	44.2
86	63.3	51.4	77.0



#33
1,2-Dichloroethane-d4
Concen: 53.070 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053701.D
Acq: 11 Feb 2019 13:39

Tgt Ion:	65	Resp:	402826
Ion	Ratio	Lower	Upper
65	100		
67	54.7	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: VN053701.D

Acq: 11 Feb 2019 13:39

Instrument :

MSVOA_N

ClientSampleId :

SU-03-020819-B

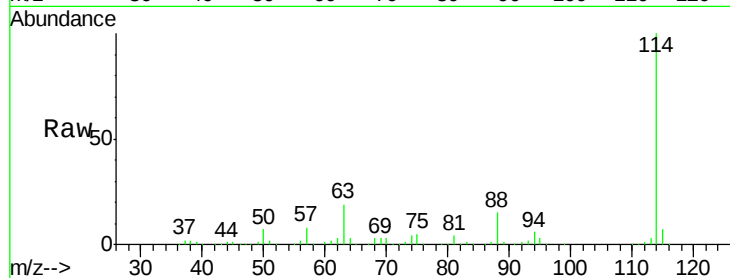
Tot Ion:114 Resp: 1253662

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.6

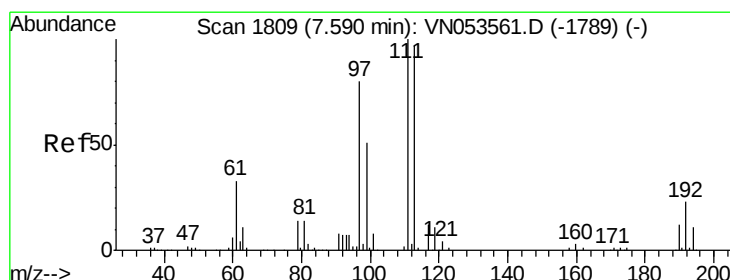
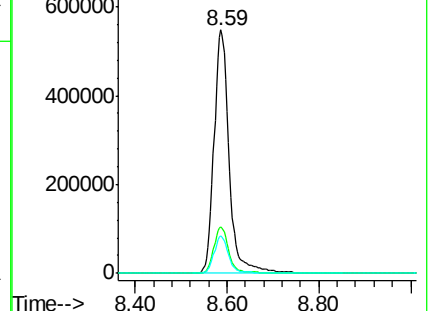
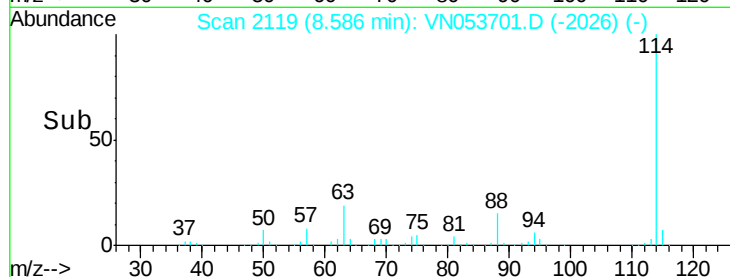
88 15.5 0.0 30.4



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: 49.804 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN053701.D

Acq: 11 Feb 2019 13:39

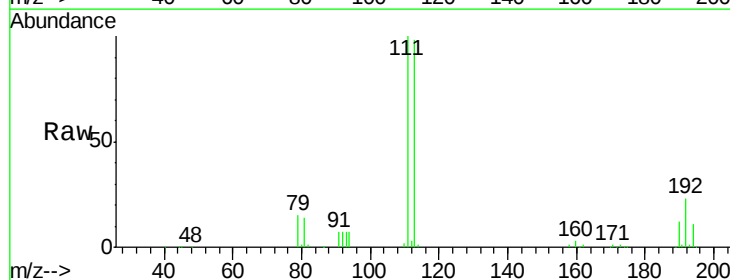
Tgt Ion:113 Resp: 394521

Ion Ratio Lower Upper

113 100

111 102.1 81.1 121.7

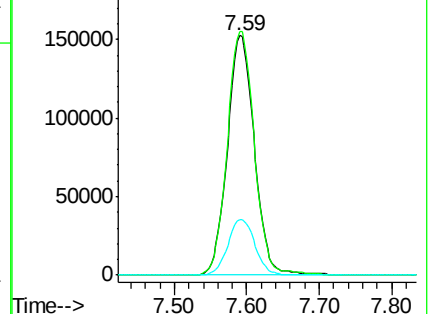
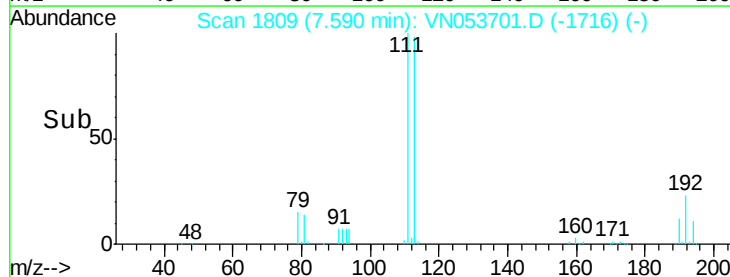
192 23.2 18.2 27.2

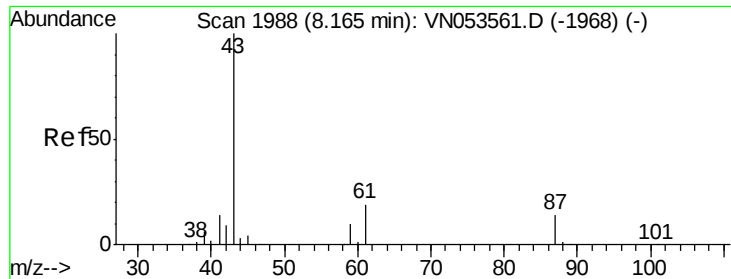


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.687 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN053701.D

Acq: 11 Feb 2019 13:39

Instrument :

MSVOA_N

ClientSampleId :

SU-03-020819-B

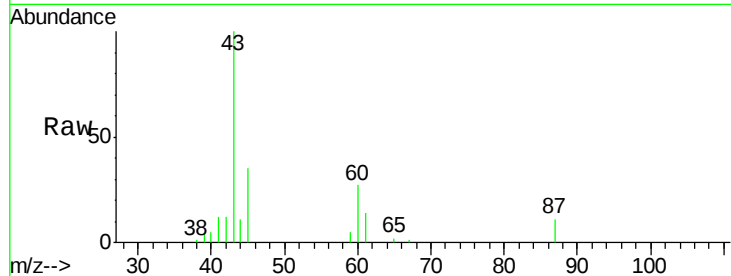
Tot Ion: 43 Resp: 32749

Ion Ratio Lower Upper

43 100

61 17.5 23.9 35.9#

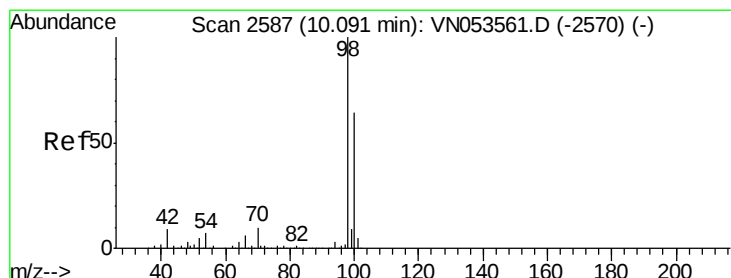
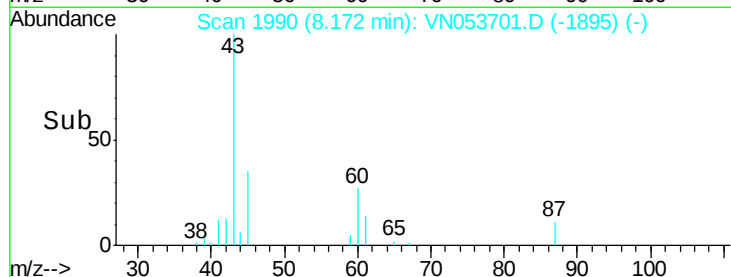
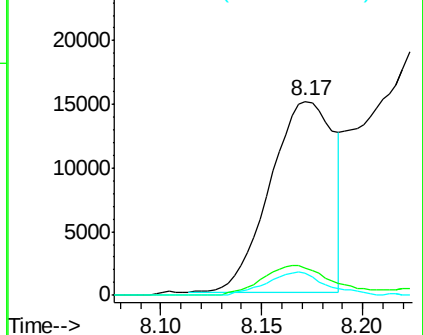
87 11.1 11.0 16.6



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: 51.304 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053701.D

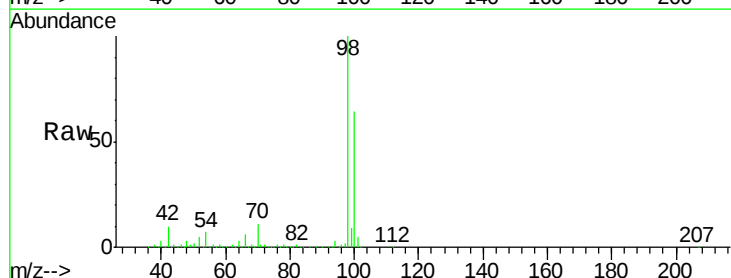
Acq: 11 Feb 2019 13:39

Tgt Ion: 98 Resp: 1525971

Ion Ratio Lower Upper

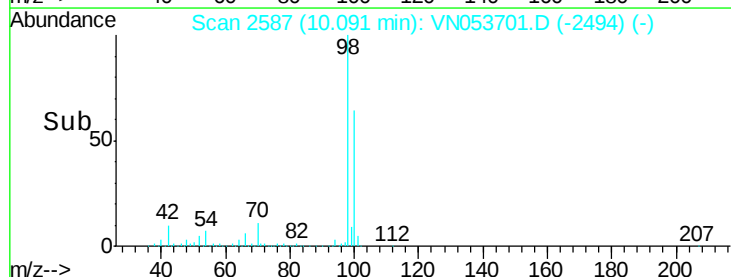
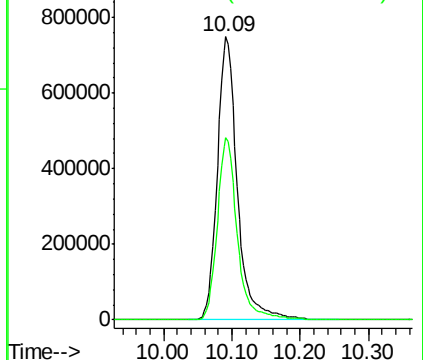
98 100

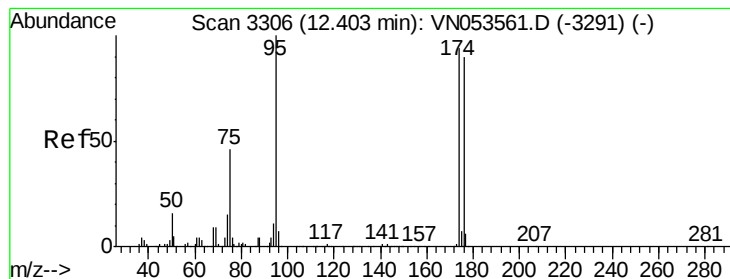
100 64.3 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 53.063 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053701.D

Acq: 11 Feb 2019 13:39

Instrument :

MSVOA_N

ClientSampleId :

SU-03-020819-B

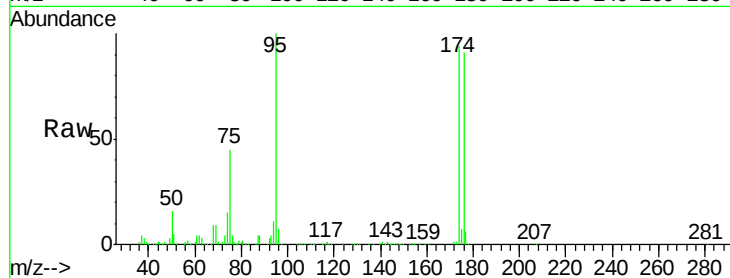
Tot Ion: 95 Resp: 526390

Ion Ratio Lower Upper

95 100

174 92.9 0.0 183.2

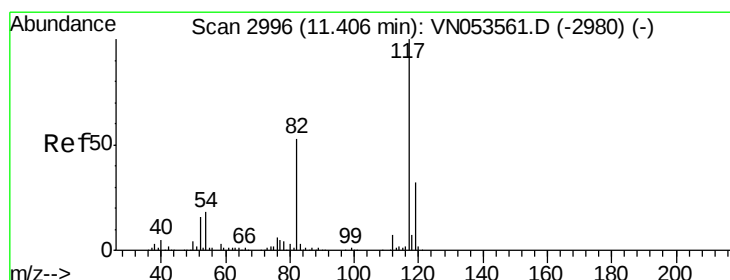
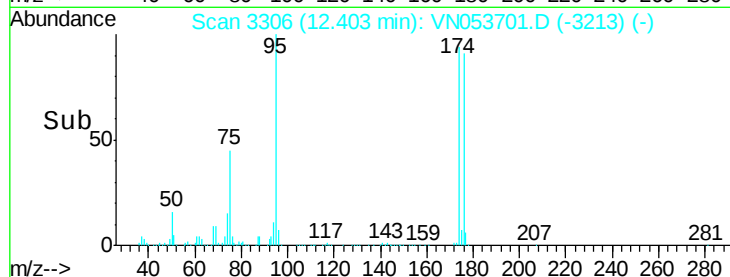
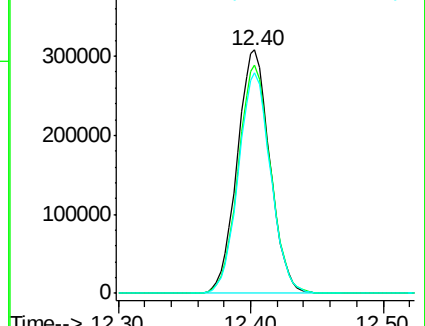
176 89.6 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053561.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053561.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053561.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053701.D

Acq: 11 Feb 2019 13:39

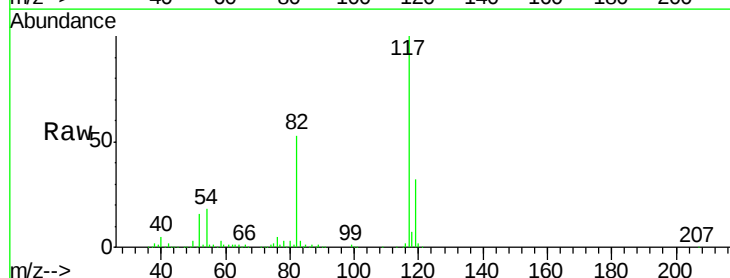
Tgt Ion: 117 Resp: 1173269

Ion Ratio Lower Upper

117 100

82 52.8 42.9 64.3

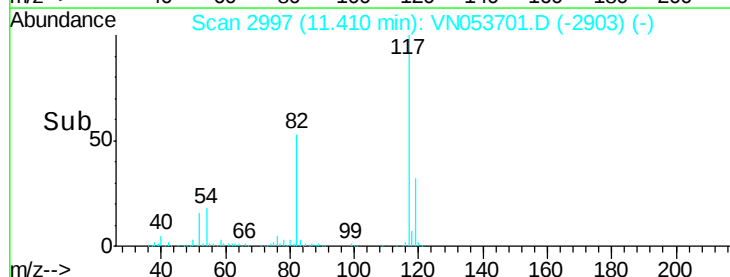
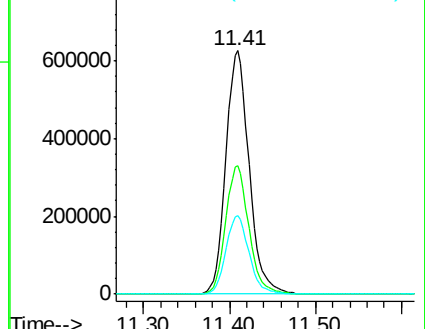
119 32.3 26.0 39.0

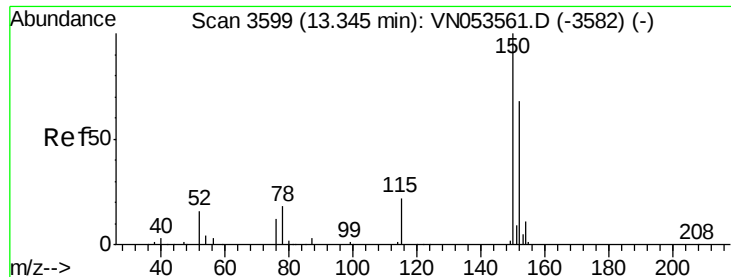


Abundance Ion 116.90 (116.60 to 117.60): VN053561.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053561.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053561.D (-2980) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053701.D

Acq: 11 Feb 2019 13:39

Instrument :

MSVOA_N

ClientSampleId :

SU-03-020819-B

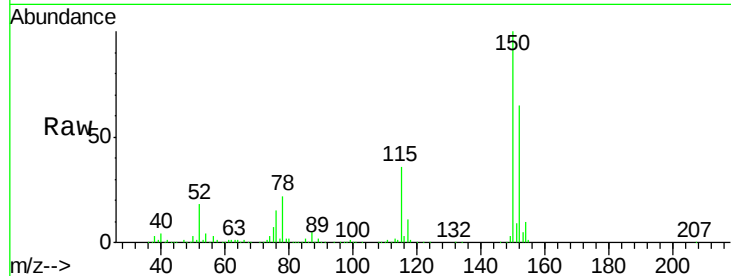
Tot Ion:152 Resp: 514821

Ion Ratio Lower Upper

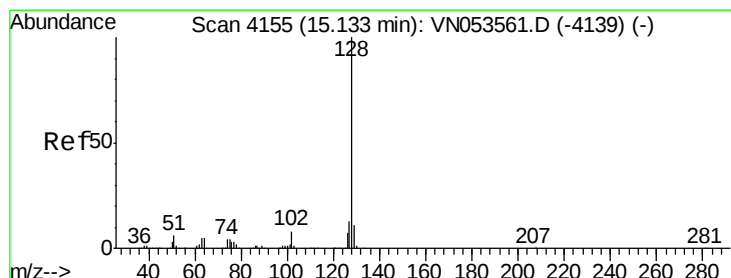
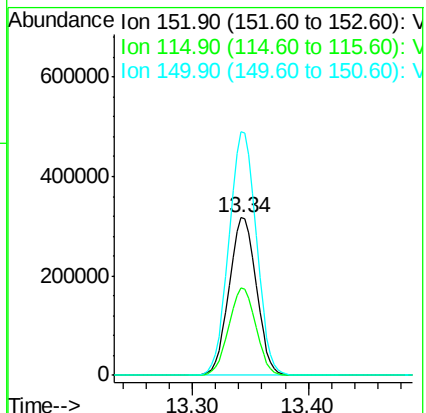
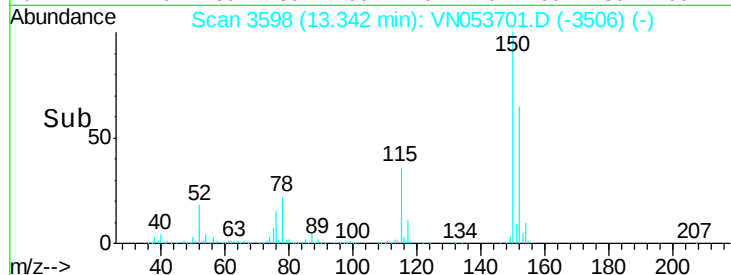
152 100

115 54.9 27.8 83.4

150 155.2 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: 22.240 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053701.D

Acq: 11 Feb 2019 13:39

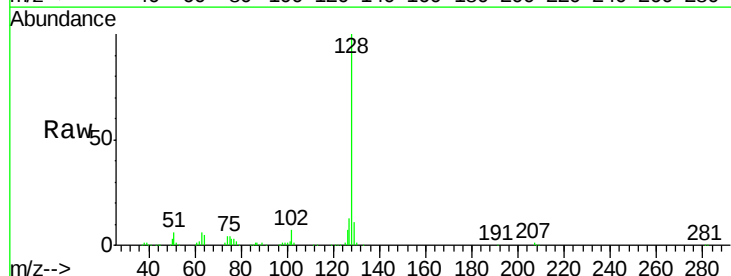
Tgt Ion:128 Resp: 480376

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.9 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

