

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021319\
 Data File : VN053753.D
 Acq On : 13 Feb 2019 14:21
 Operator : JC/SP
 Sample : K1343-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Feb 14 00:54:18 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

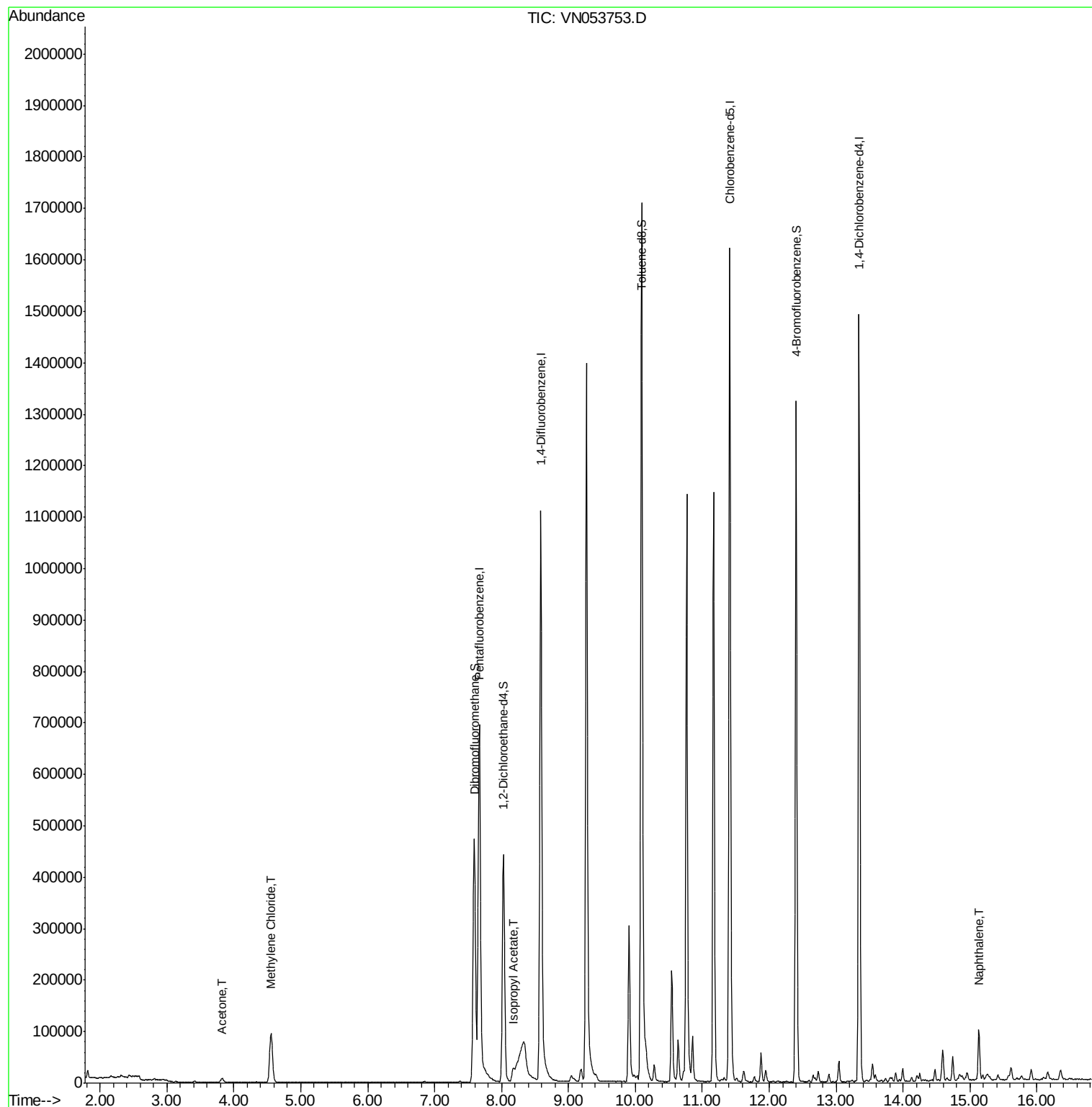
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	708597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1166251	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1082472	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	434942	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	377684	53.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.26%	
35) Dibromofluoromethane	7.59	113	371754	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
50) Toluene-d8	10.09	98	1418945	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.56%	
62) 4-Bromofluorobenzene	12.40	95	462550	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
Target Compounds						
16) Acetone	3.82	43	15863	8.700	ug/l	96
20) Methylene Chloride	4.56	84	75959	9.930	ug/l	99
43) Isopropyl Acetate	8.17	43	29415	2.594	ug/l #	83
95) Naphthalene	15.13	128	90158	6.291	ug/l	99

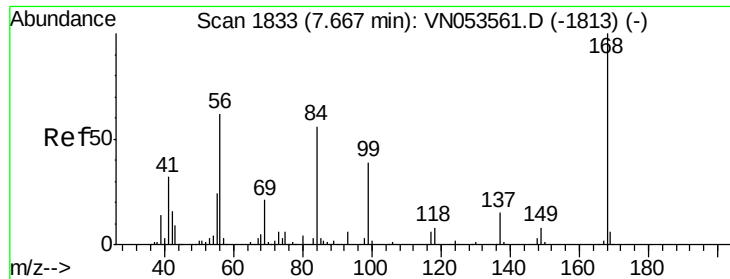
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053753.D

Acq: 13 Feb 2019 14:21

Instrument :

MSVOA_N

ClientSampleId :

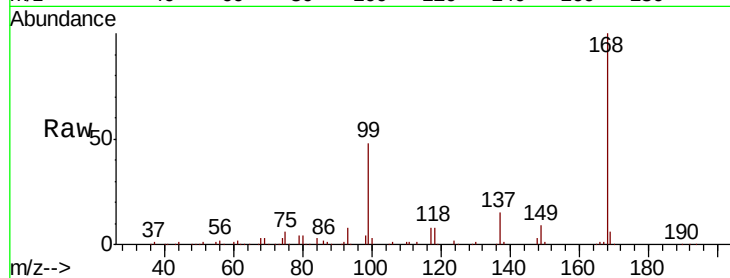
JC-02-021119-D

Tot Ion:168 Resp: 708597

Ion Ratio Lower Upper

168 100

99 47.5 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

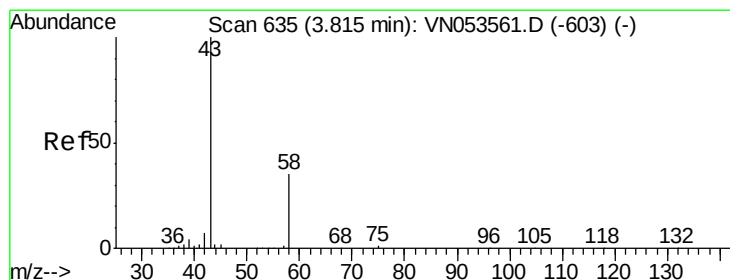
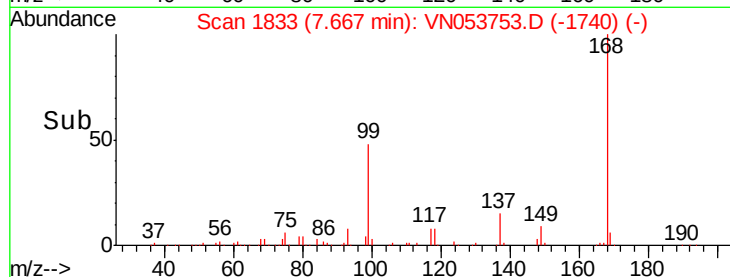
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 8.700 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN053753.D

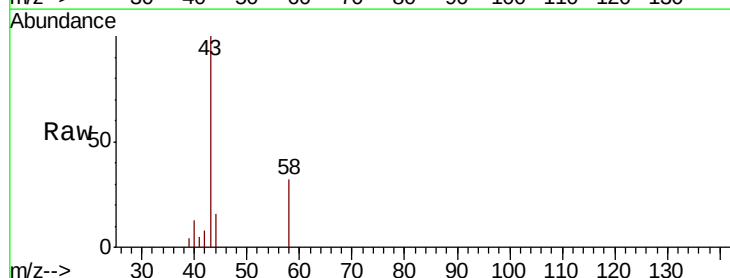
Acq: 13 Feb 2019 14:21

Tgt Ion: 43 Resp: 15863

Ion Ratio Lower Upper

43 100

58 31.5 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

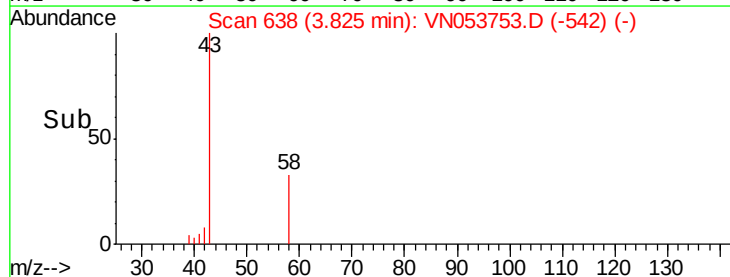
3000

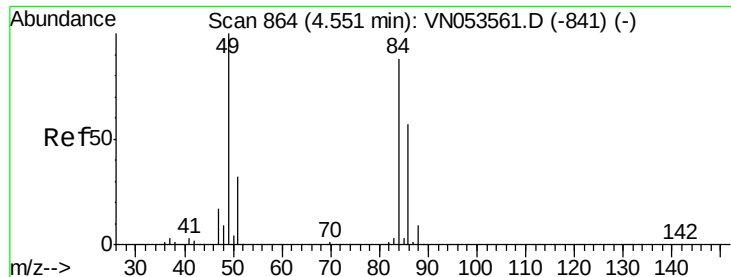
2000

1000

0

Time--> 3.70 3.80 3.90

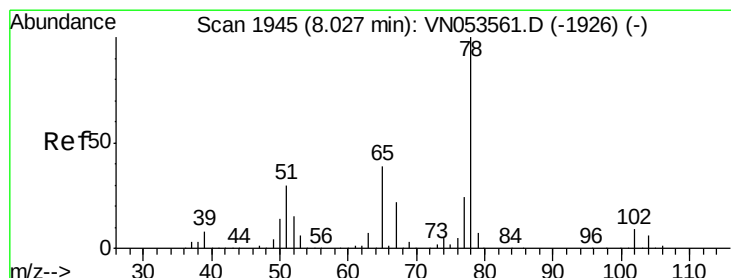
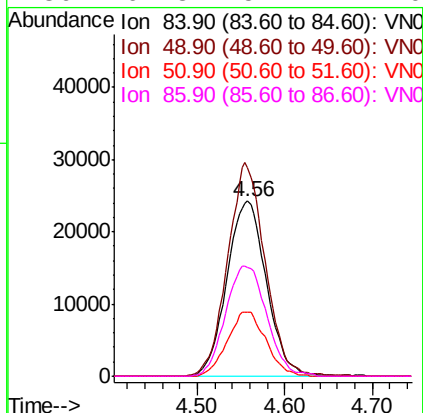
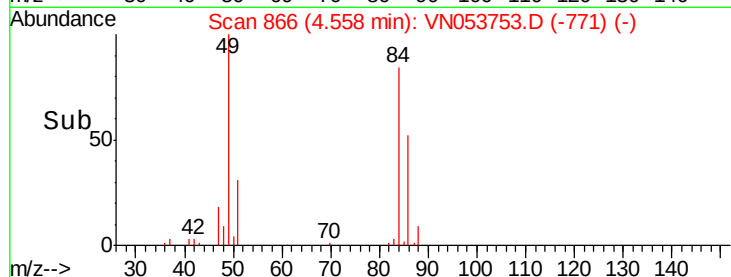
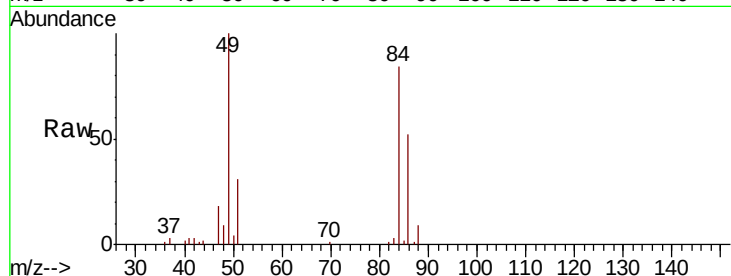




#20
Methylene Chloride
Concen: 9.930 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053753.D
Acq: 13 Feb 2019 14:21

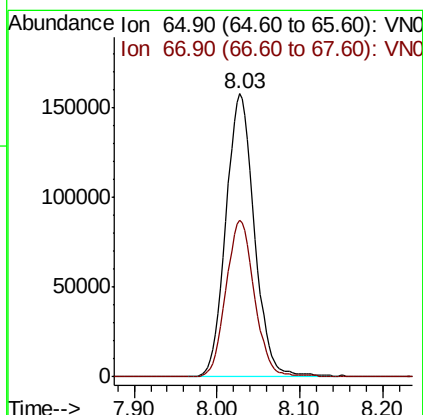
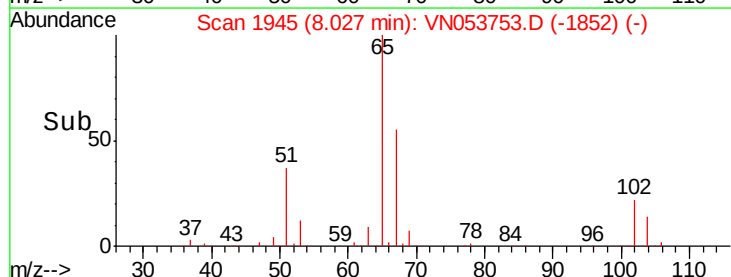
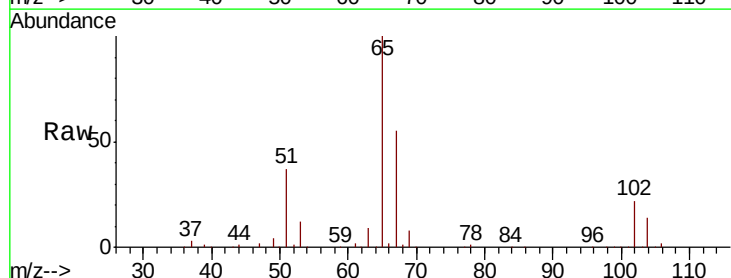
Instrument :
MSVOA_N
ClientSampleId :
JC-02-021119-D

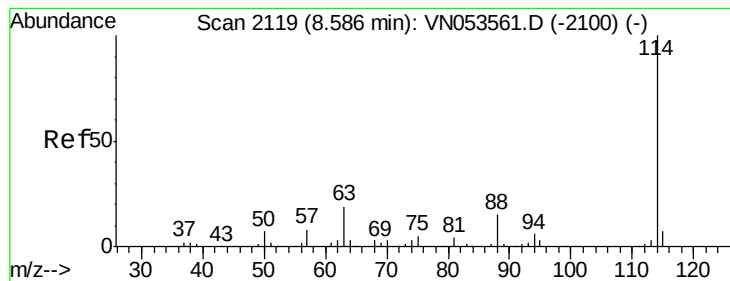
Tot Ion: 84 Resp: 75959
Ion Ratio Lower Upper
84 100
49 118.3 94.3 141.5
51 36.7 29.4 44.2
86 62.3 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 53.131 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053753.D
Acq: 13 Feb 2019 14:21

Tgt Ion: 65 Resp: 377684
Ion Ratio Lower Upper
65 100
67 55.4 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: VN053753.D

Acq: 13 Feb 2019 14:21

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-D

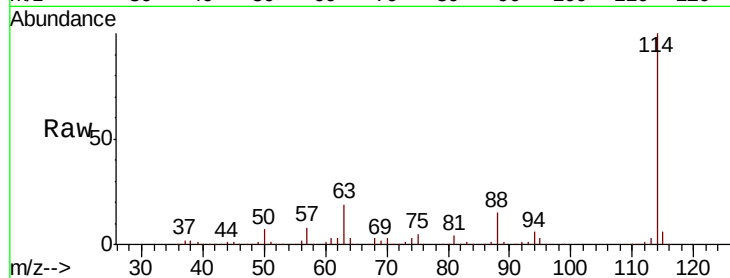
Tot Ion:114 Resp: 1166251

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.6

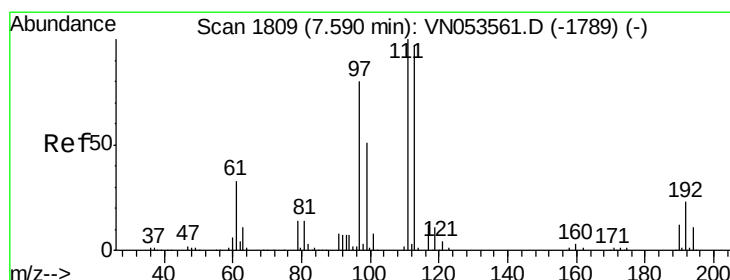
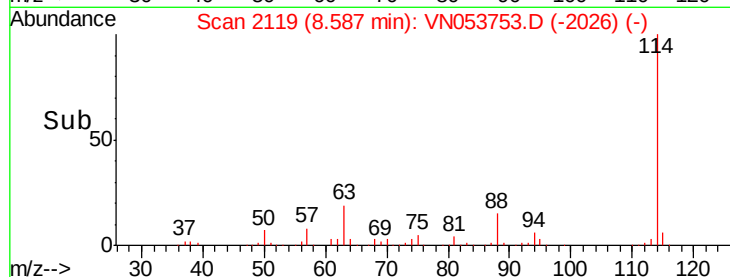
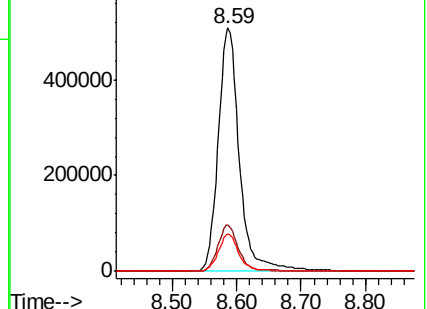
88 15.2 0.0 30.4



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: 50.447 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053753.D

Acq: 13 Feb 2019 14:21

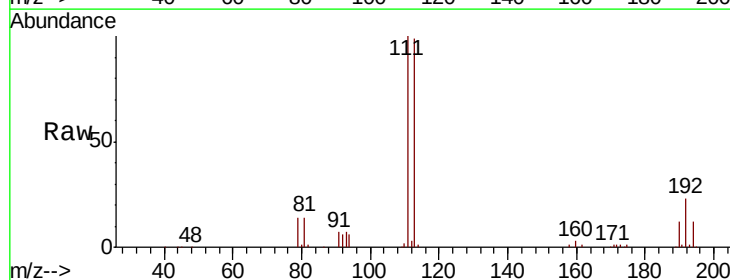
Tgt Ion:113 Resp: 371754

Ion Ratio Lower Upper

113 100

111 101.5 81.1 121.7

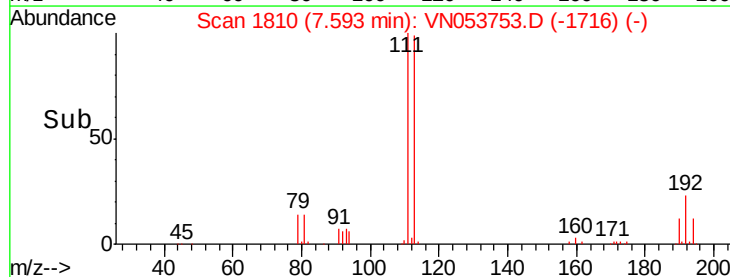
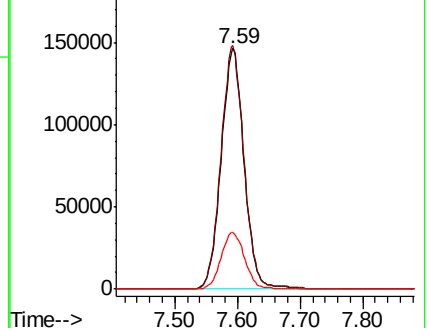
192 24.0 18.2 27.2

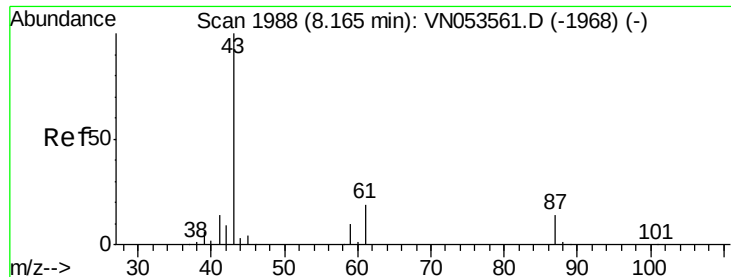


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.594 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN053753.D

Acq: 13 Feb 2019 14:21

Instrument :

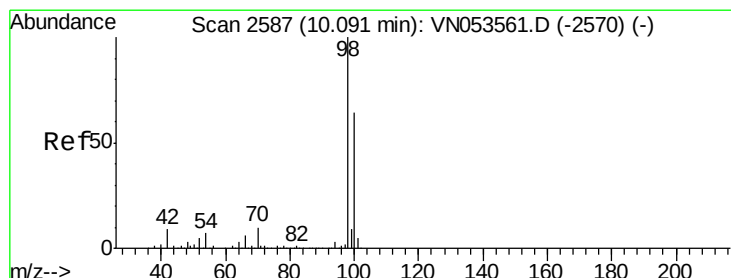
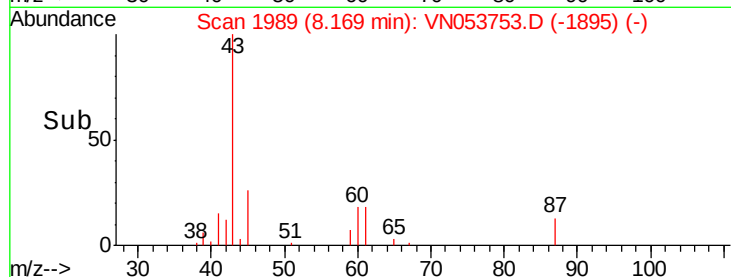
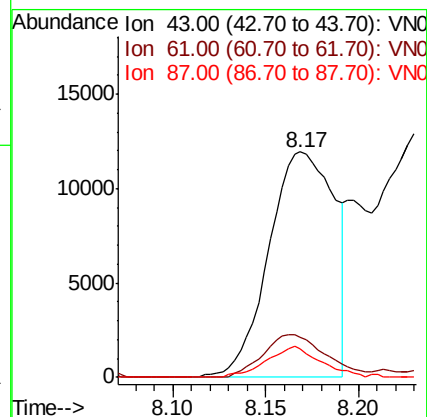
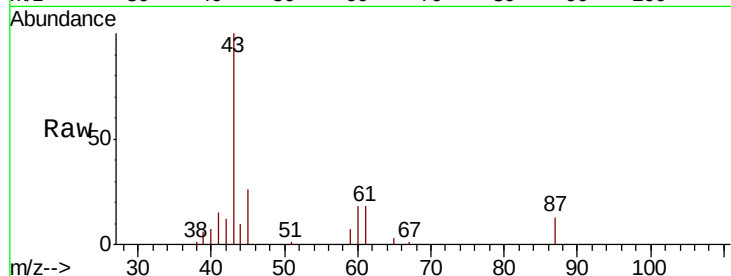
MSVOA_N

ClientSampleId :

JC-02-021119-D

Tot Ion: 43 Resp: 29415

Ion	Ratio	Lower	Upper
43	100		
61	18.2	23.9	35.9#
87	11.2	11.0	16.6



#50

Toluene-d8

Concen: 51.281 ug/l

RT: 10.09 min Scan# 2587

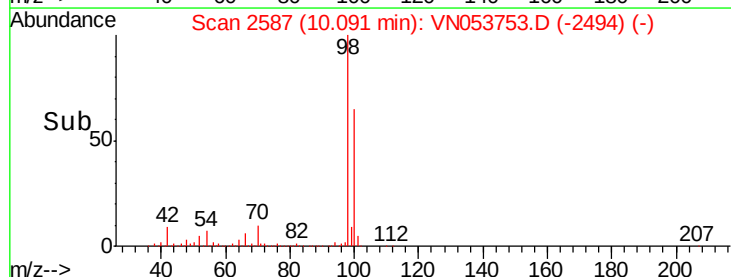
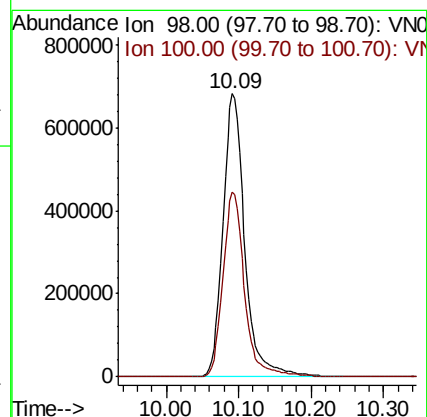
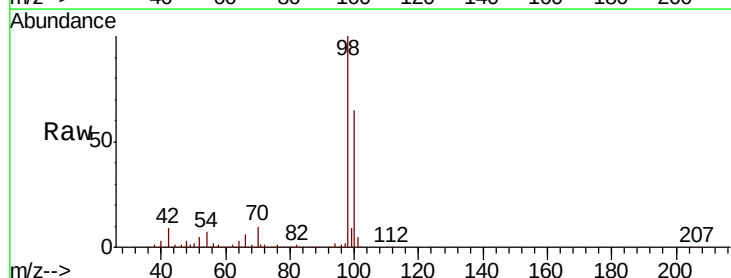
Delta R.T. 0.00 min

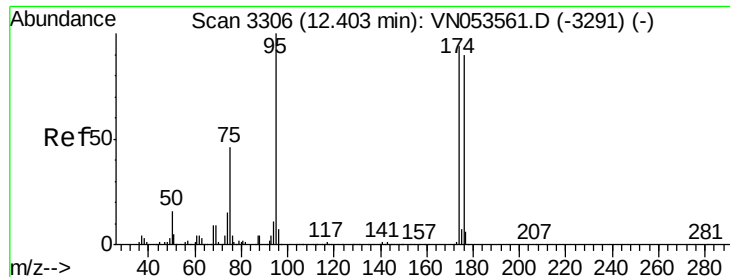
Lab File: VN053753.D

Acq: 13 Feb 2019 14:21

Tgt Ion: 98 Resp: 1418945

Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.4	77.0





#62

4-Bromofluorobenzene

Concen: 50.123 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053753.D

Acq: 13 Feb 2019 14:21

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-D

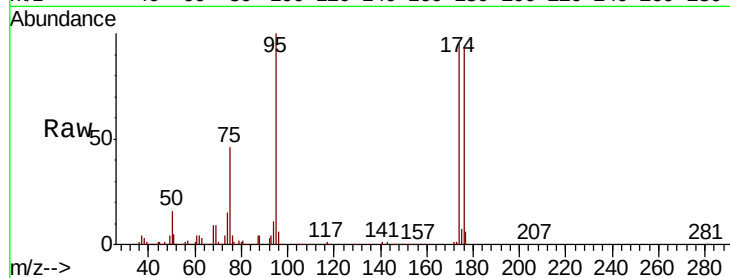
Tot Ion: 95 Resp: 462550

Ion Ratio Lower Upper

95 100

174 93.7 0.0 183.2

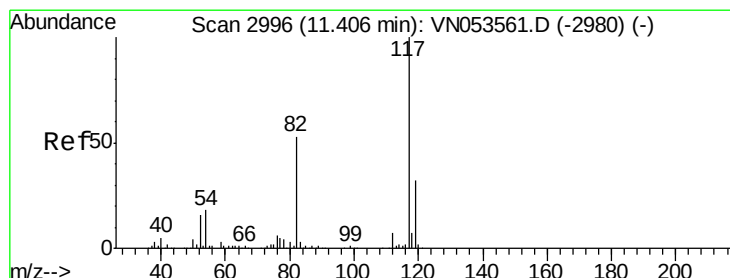
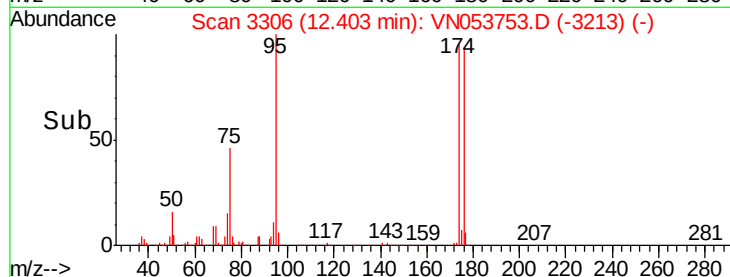
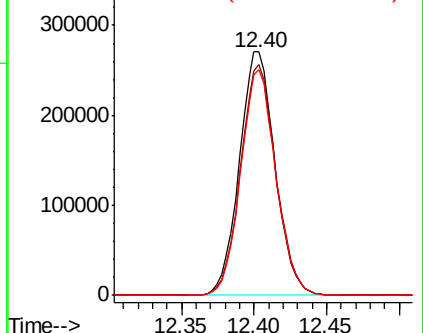
176 91.3 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053753.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053753.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053753.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053753.D

Acq: 13 Feb 2019 14:21

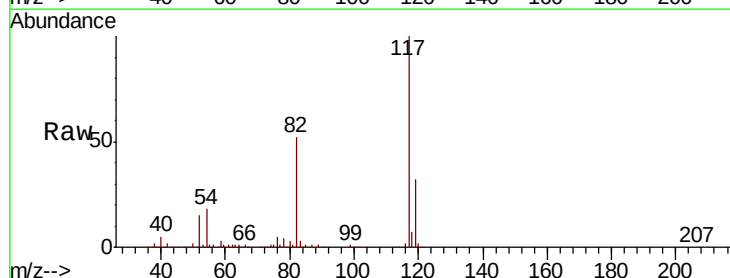
Tgt Ion: 117 Resp: 1082472

Ion Ratio Lower Upper

117 100

82 52.1 42.9 64.3

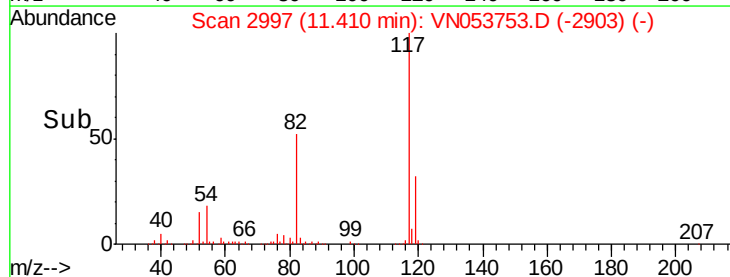
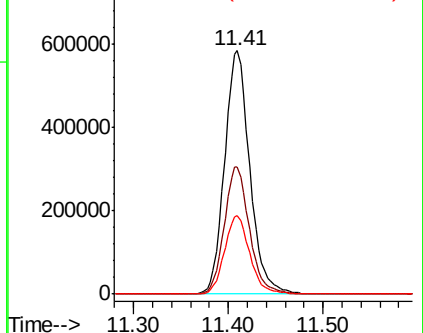
119 32.0 26.0 39.0

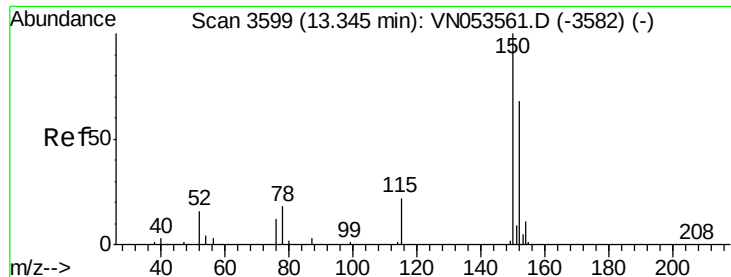


Abundance Ion 116.90 (116.60 to 117.60): VN053753.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053753.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053753.D (-2980) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053753.D

Acq: 13 Feb 2019 14:21

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-D

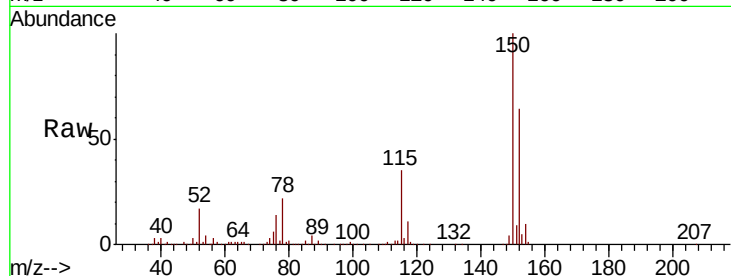
Tot Ion:152 Resp: 434942

Ion Ratio Lower Upper

152 100

115 54.6 27.8 83.4

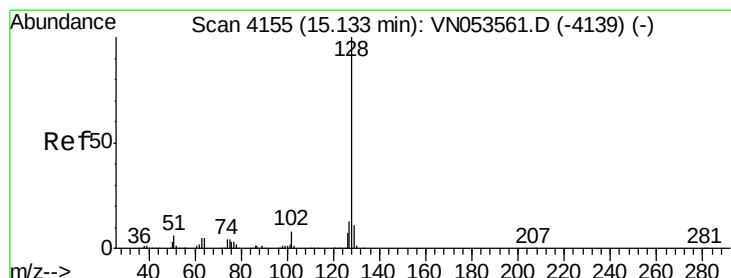
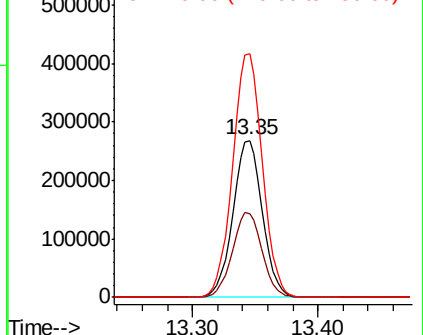
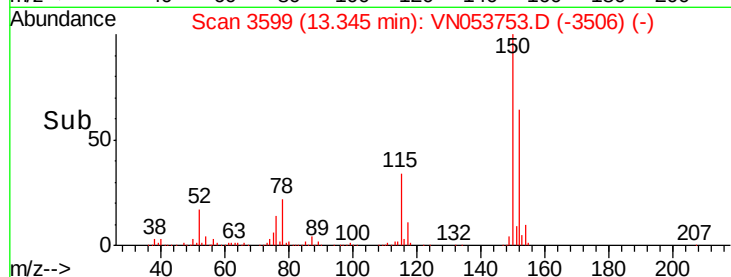
150 157.2 0.0 349.0



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: 6.291 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053753.D

Acq: 13 Feb 2019 14:21

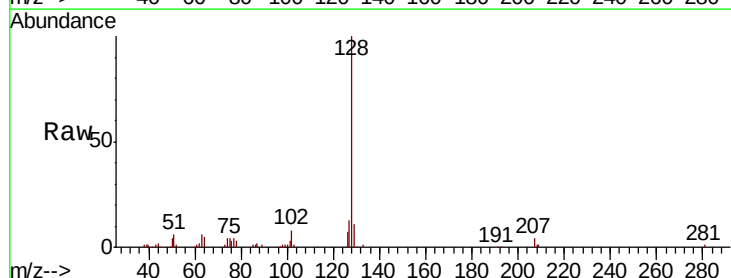
Tgt Ion:128 Resp: 90158

Ion Ratio Lower Upper

128 100

127 12.3 10.3 15.5

129 11.4 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

