

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021319\
 Data File : VN053756.D
 Acq On : 13 Feb 2019 15:42
 Operator : JC/SP
 Sample : K1343-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Feb 14 01:03:18 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

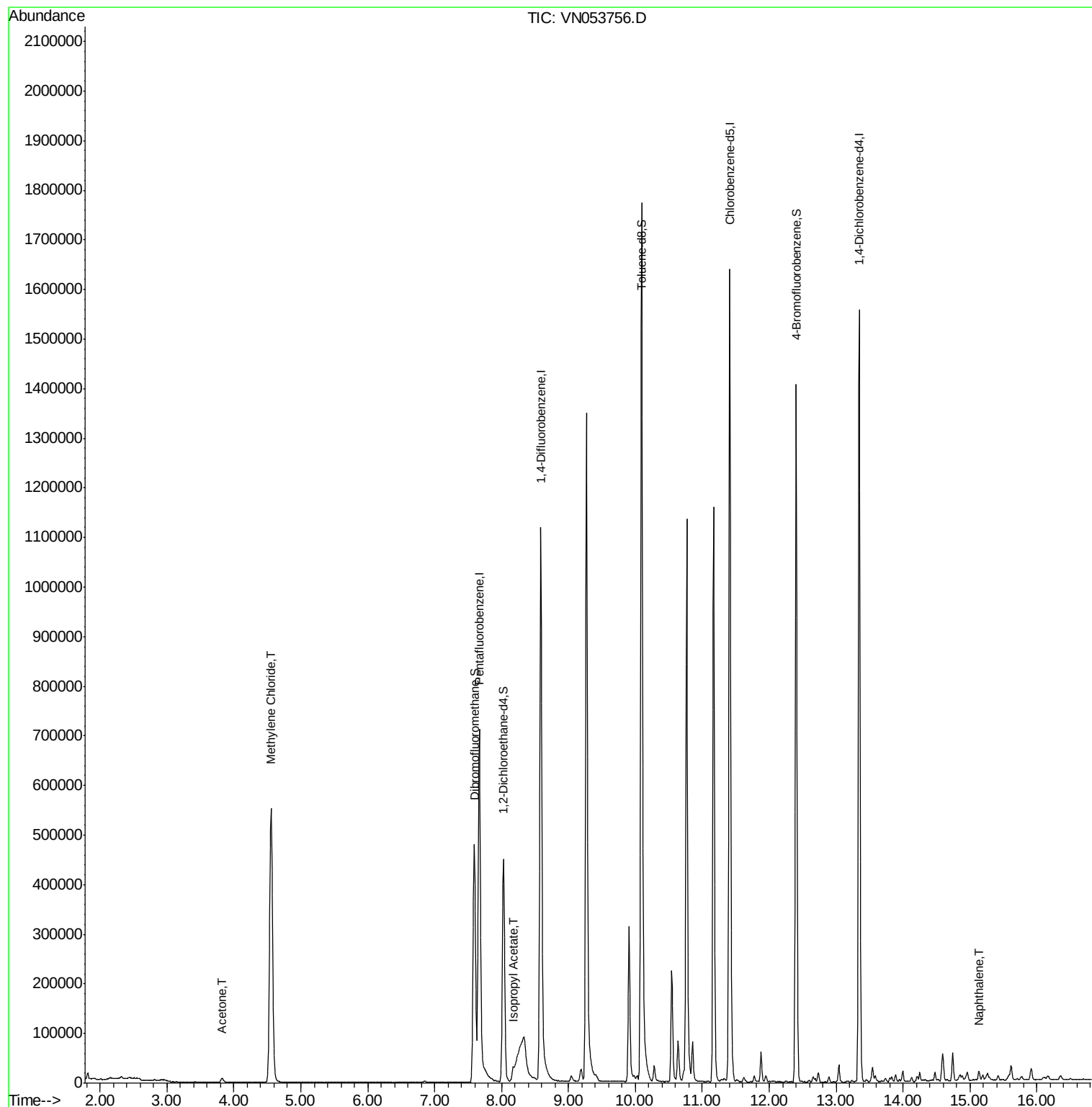
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	714676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1190331	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1103439	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	453946	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	384617	53.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.30%	
35) Dibromofluoromethane	7.59	113	380056	50.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.06%	
50) Toluene-d8	10.09	98	1439114	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.92%	
62) 4-Bromofluorobenzene	12.40	95	501916	53.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.58%	
Target Compounds						
16) Acetone	3.82	43	15465	8.409	ug/l	100
20) Methylene Chloride	4.56	84	444680	57.635	ug/l	99
43) Isopropyl Acetate	8.17	43	32626	2.819	ug/l #	80
95) Naphthalene	15.13	128	17960	2.606	ug/l	99

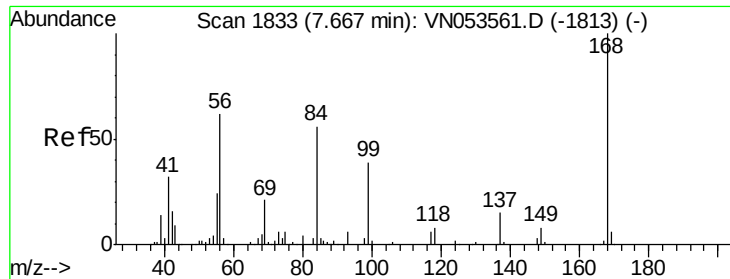
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021319\
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Quant Title : SW846 8260
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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: VN053756.D

Acq: 13 Feb 2019 15:42

Instrument :

MSVOA_N

ClientSampleId :

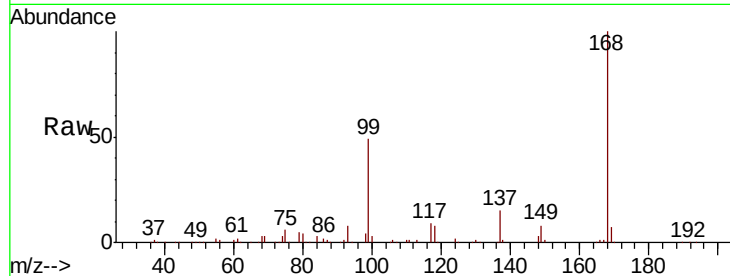
JC-02-021119-G

Tot Ion:168 Resp: 714676

Ion Ratio Lower Upper

168 100

99 48.9 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

300000

250000

200000

150000

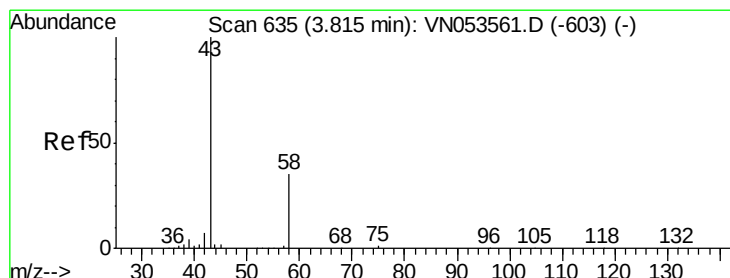
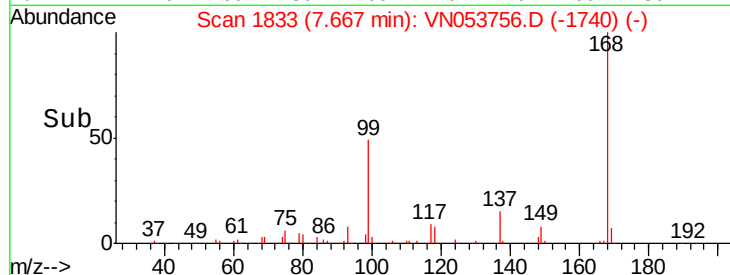
100000

50000

0

7.50 7.60 7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 8.409 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053756.D

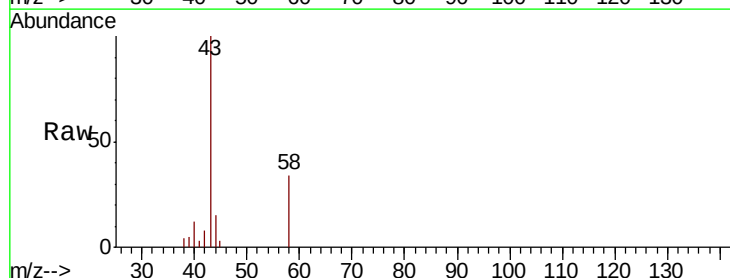
Acq: 13 Feb 2019 15:42

Tgt Ion: 43 Resp: 15465

Ion Ratio Lower Upper

43 100

58 33.8 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

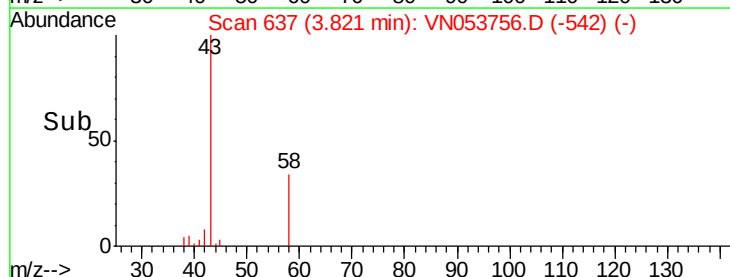
2000

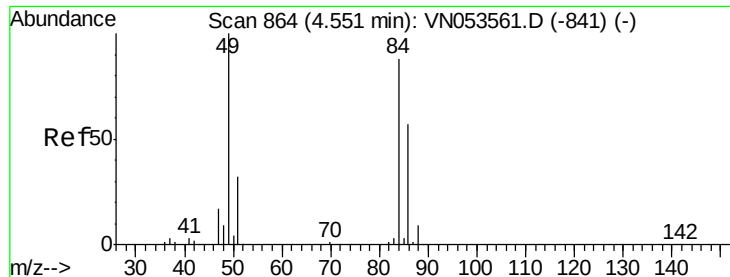
1000

0

3.75 3.80 3.85 3.90

Time-->

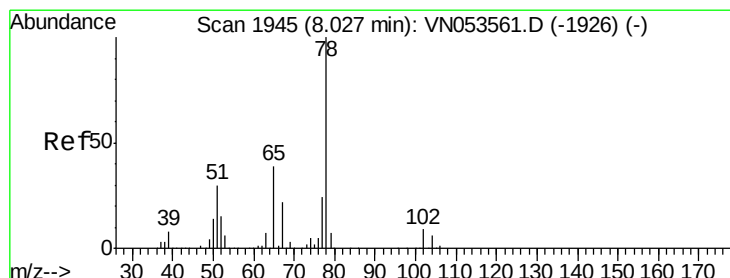
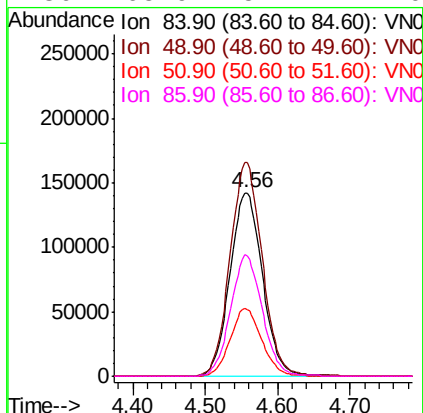
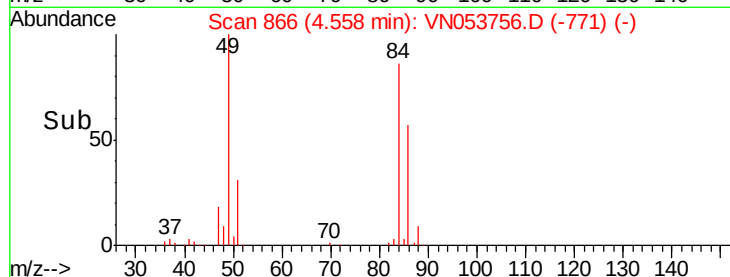
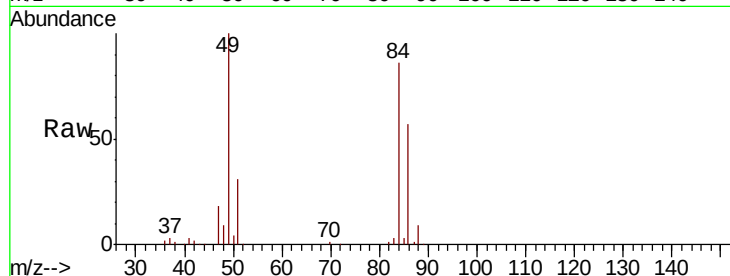




#20
Methylene Chloride
Concen: 57.635 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053756.D
Acq: 13 Feb 2019 15:42

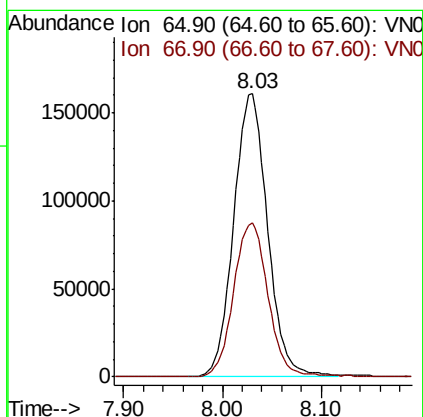
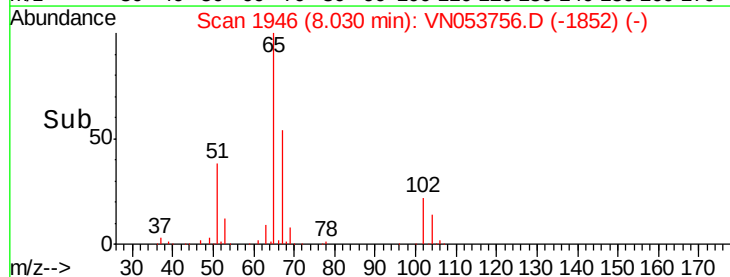
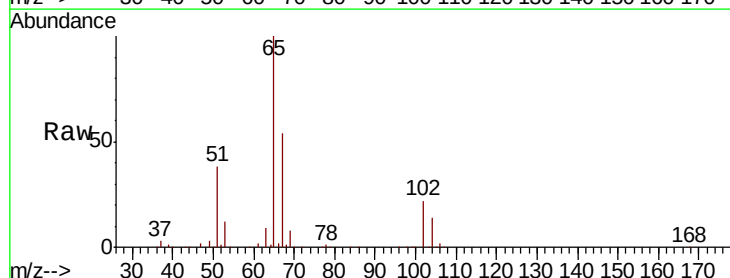
Instrument :
MSVOA_N
ClientSampleId :
JC-02-021119-G

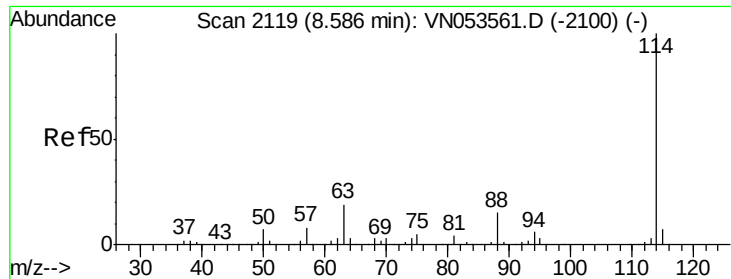
Tot Ion:	84	Resp:	444680
Ion	Ratio	Lower	Upper
84	100		
49	116.5	94.3	141.5
51	36.5	29.4	44.2
86	65.9	51.4	77.0



#33
1,2-Dichloroethane-d4
Concen: 53.646 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN053756.D
Acq: 13 Feb 2019 15:42

Tgt Ion:	65	Resp:	384617
Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	111.2

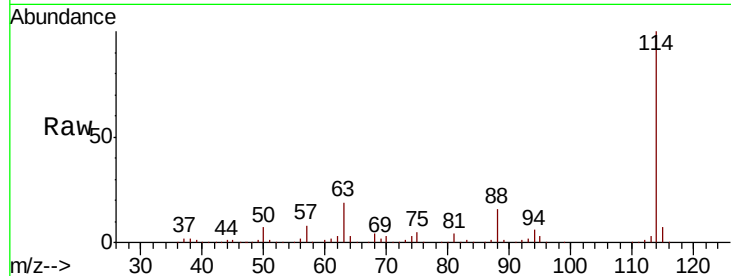




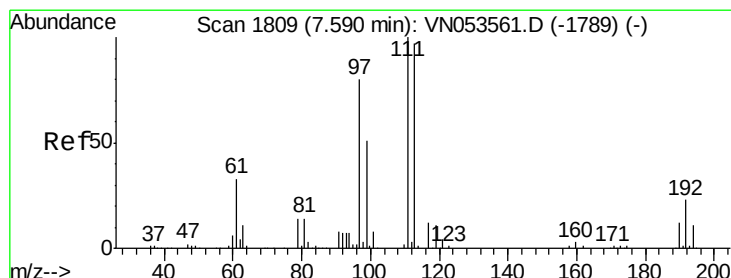
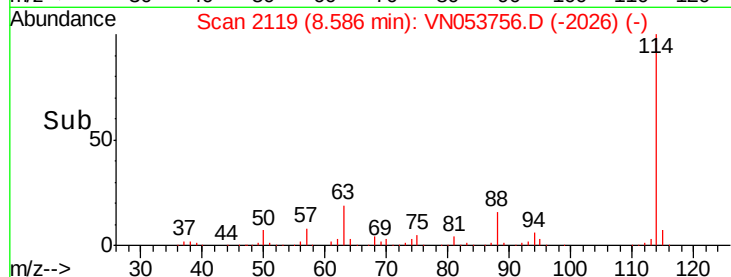
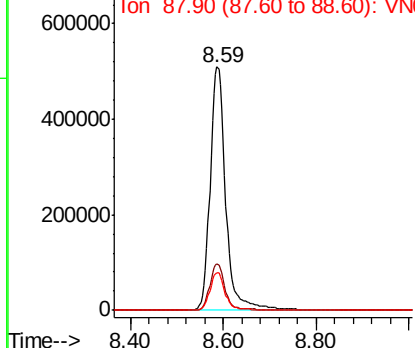
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053756.D
Acq: 13 Feb 2019 15:42

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

Tot Ion:114 Resp: 1190331
Ion Ratio Lower Upper
114 100
63 19.0 0.0 38.6
88 15.5 0.0 30.4

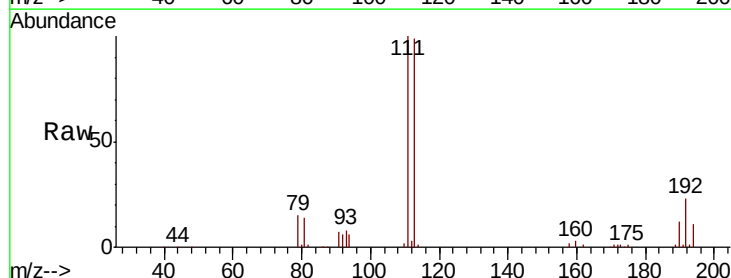


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

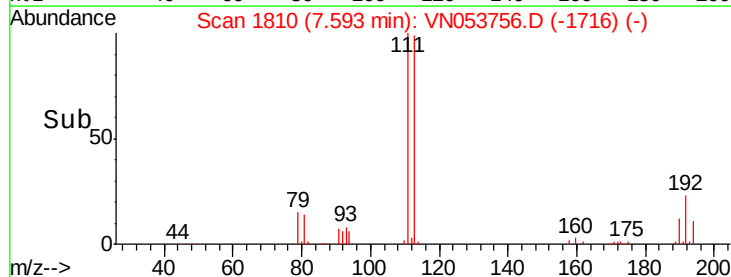
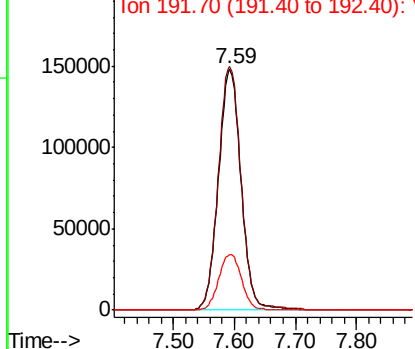


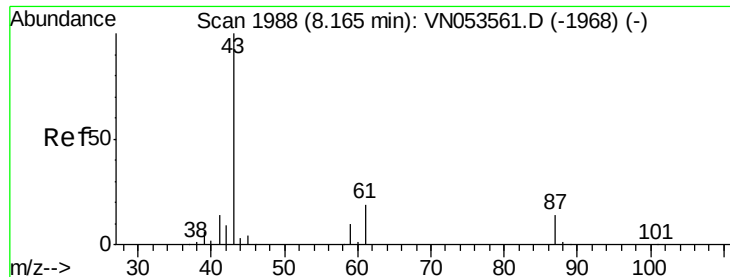
#35
Dibromofluoromethane
Concen: 50.530 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053756.D
Acq: 13 Feb 2019 15:42

Tgt Ion:113 Resp: 380056
Ion Ratio Lower Upper
113 100
111 101.8 81.1 121.7
192 23.4 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: 2.819 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN053756.D

Acq: 13 Feb 2019 15:42

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-G

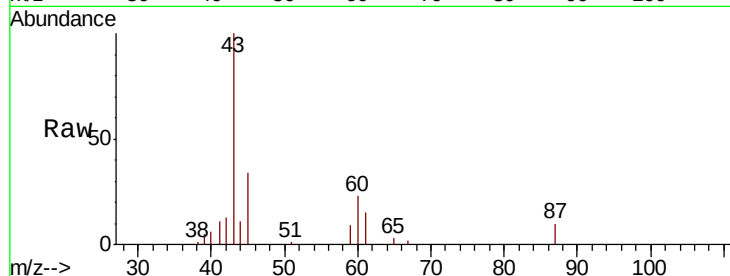
Tot Ion: 43 Resp: 32626

Ion Ratio Lower Upper

43 100

61 16.3 23.9 35.9#

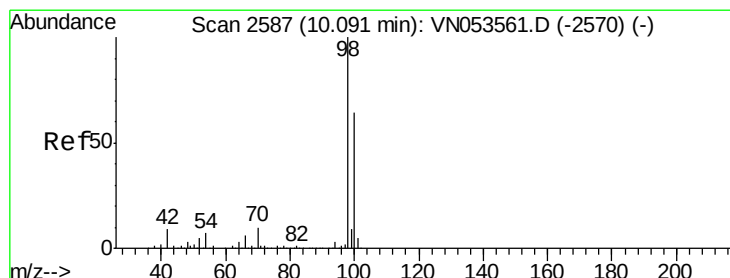
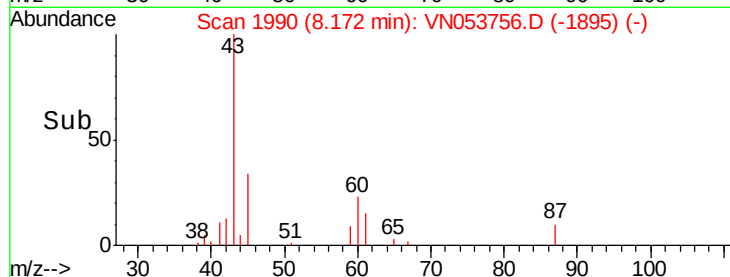
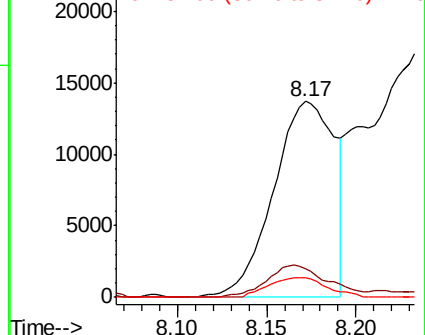
87 9.6 11.0 16.6#



Abundance Ion 43.00 (42.70 to 43.70): VN053756.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN053756.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN053756.D (-1968) (-)



#50

Toluene-d8

Concen: 50.958 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053756.D

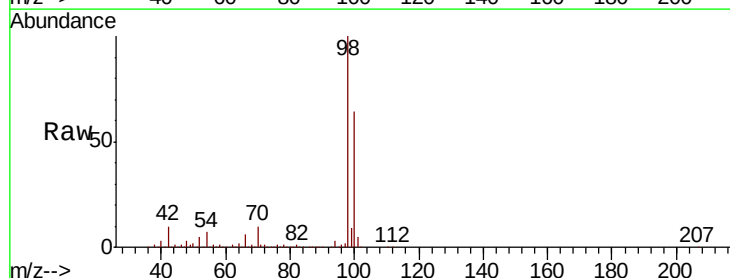
Acq: 13 Feb 2019 15:42

Tgt Ion: 98 Resp: 1439114

Ion Ratio Lower Upper

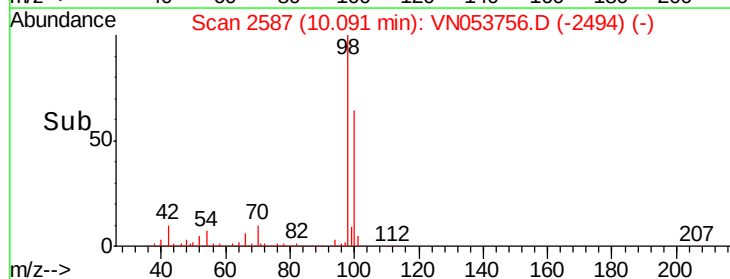
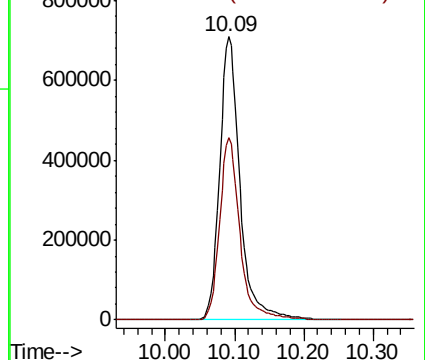
98 100

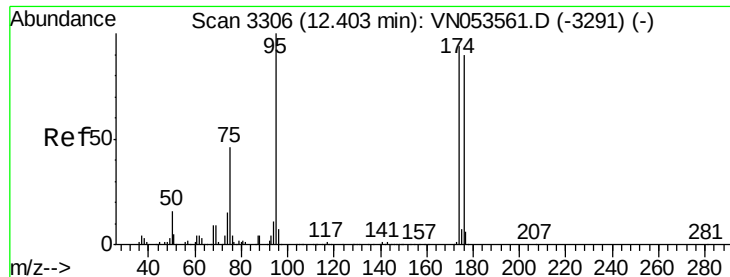
100 64.4 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053756.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053756.D (-2494) (-)





#62

4-Bromofluorobenzene

Concen: 53.288 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053756.D

Acq: 13 Feb 2019 15:42

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-G

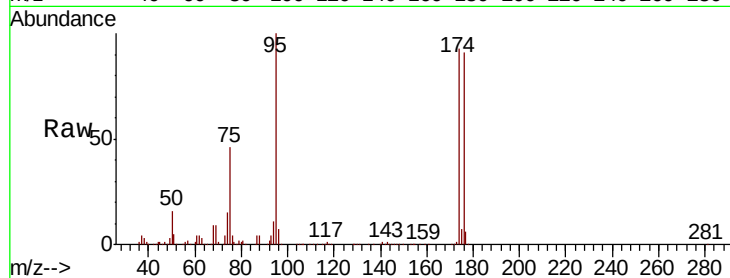
Tot Ion: 95 Resp: 501916

Ion Ratio Lower Upper

95 100

174 93.7 0.0 183.2

176 90.8 0.0 177.4

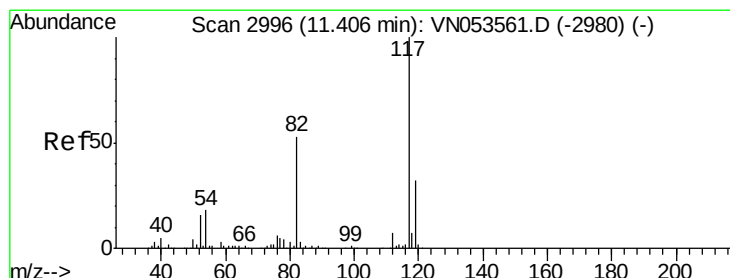
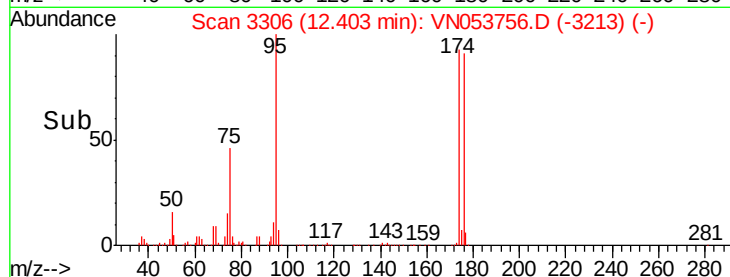
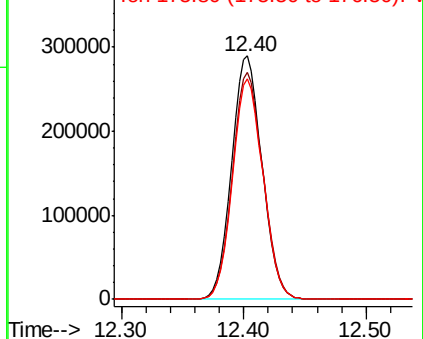


Abundance

Ion 94.90 (94.60 to 95.60): VN053756.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053756.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053756.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053756.D

Acq: 13 Feb 2019 15:42

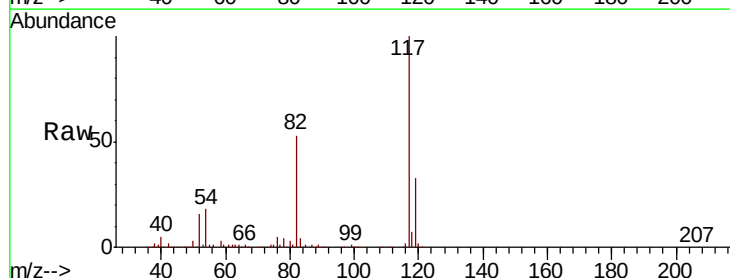
Tgt Ion: 117 Resp: 1103439

Ion Ratio Lower Upper

117 100

82 53.1 42.9 64.3

119 32.6 26.0 39.0

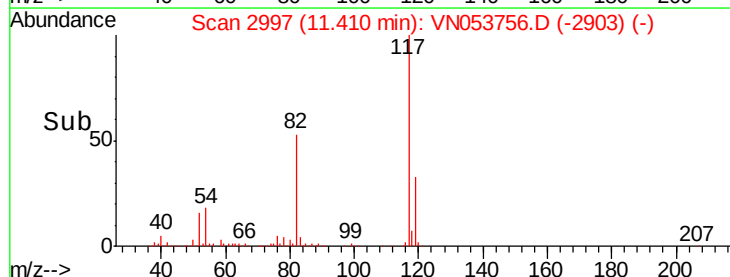
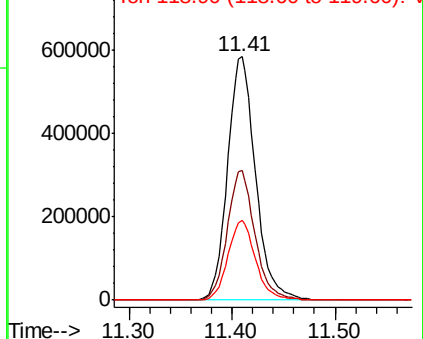


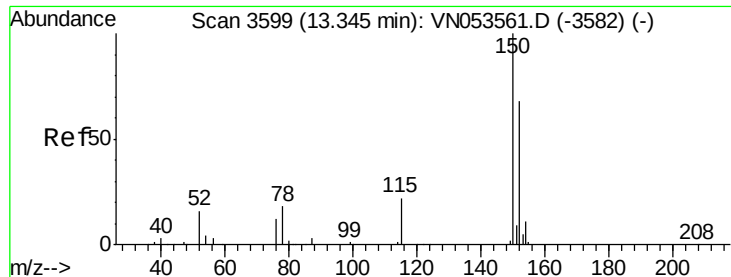
Abundance

Ion 116.90 (116.60 to 117.60): VN053756.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053756.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053756.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: VN053756.D

Acq: 13 Feb 2019 15:42

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-G

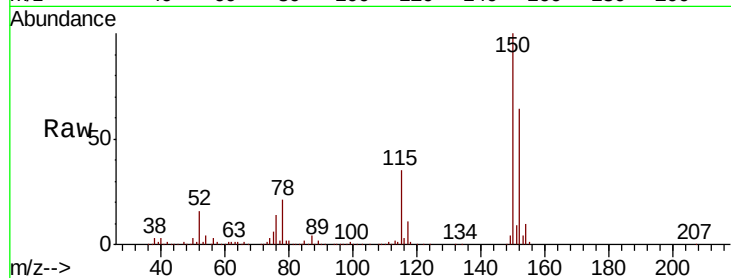
Tot Ion:152 Resp: 453946

Ion Ratio Lower Upper

152 100

115 55.1 27.8 83.4

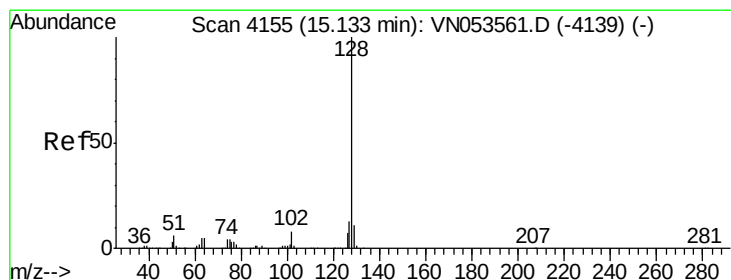
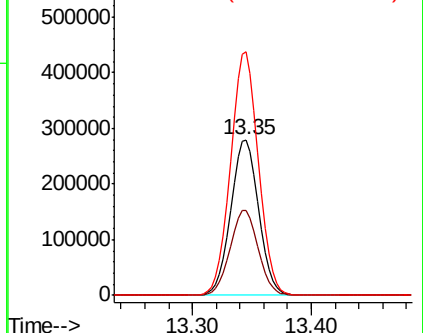
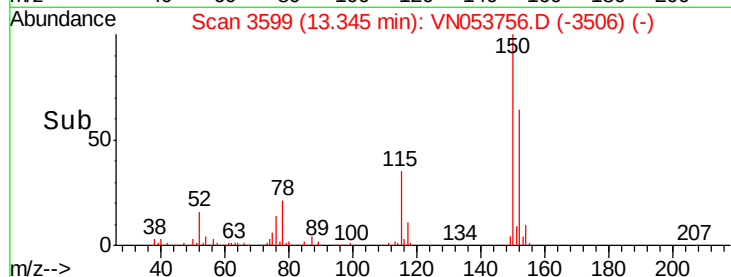
150 156.2 0.0 349.0



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: 2.606 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053756.D

Acq: 13 Feb 2019 15:42

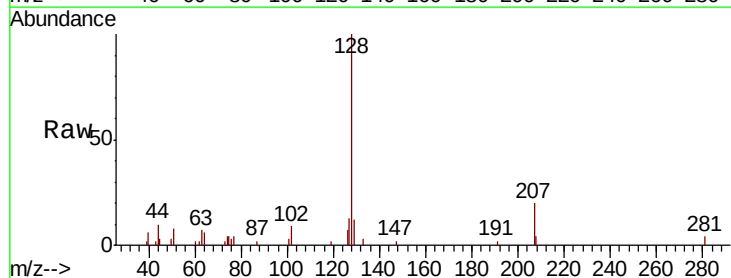
Tgt Ion:128 Resp: 17960

Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

129 11.3 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

