

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021319\
 Data File : VN053766.D
 Acq On : 13 Feb 2019 20:10
 Operator : JC/SP
 Sample : K1343-32
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Feb 14 01:27:07 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

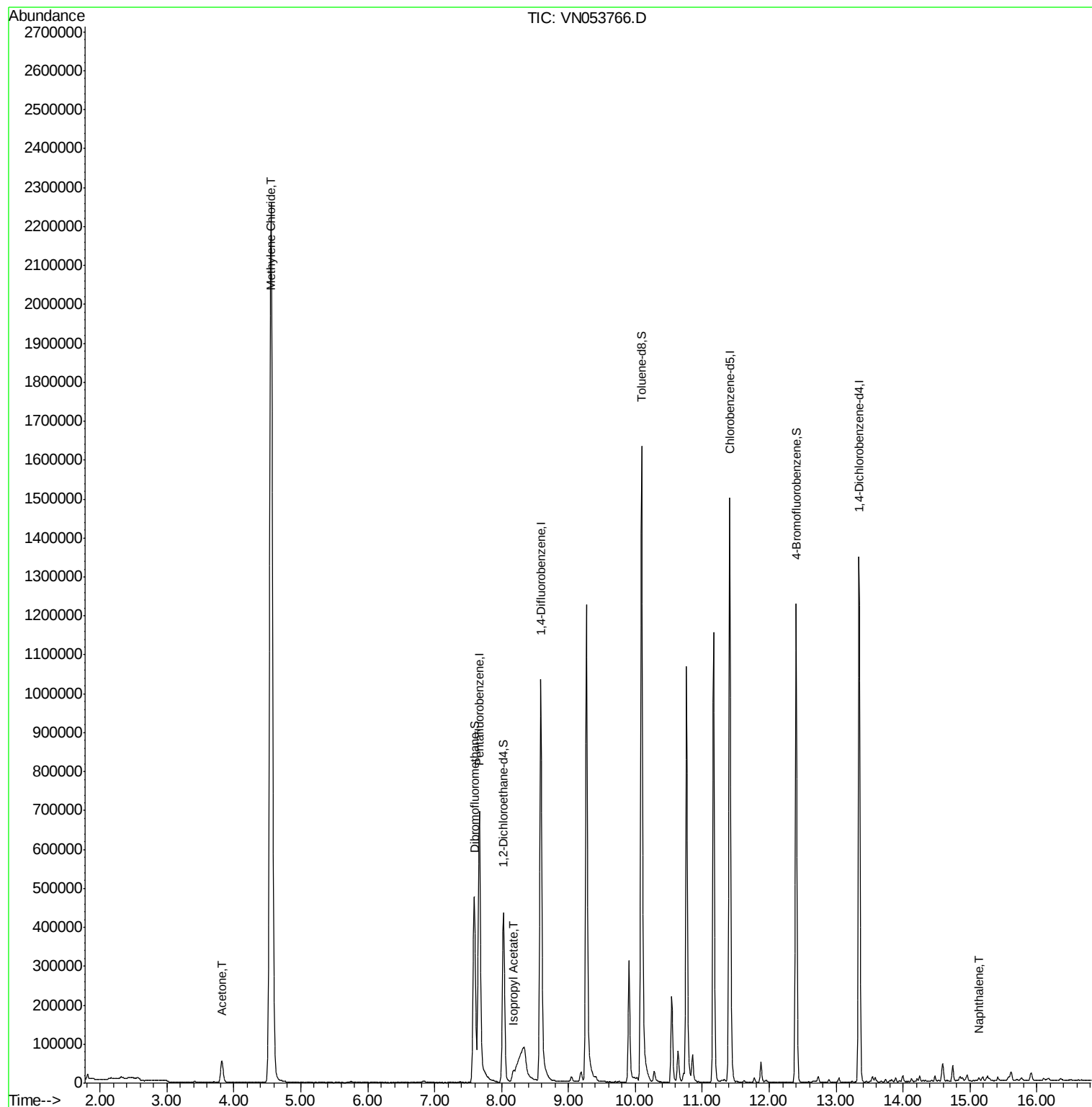
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	700599	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1093753	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1013577	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	399887	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	370815	52.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.52%	
35) Dibromofluoromethane	7.59	113	372423	53.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.78%	
50) Toluene-d8	10.09	98	1335388	51.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.92%	
62) 4-Bromofluorobenzene	12.40	95	431497	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
Target Compounds						
16) Acetone	3.82	43	98690	54.743	ug/l	99
20) Methylene Chloride	4.55	84	1829256	241.855	ug/l	97
43) Isopropyl Acetate	8.17	43	34542	3.248	ug/l #	80
95) Naphthalene	15.13	128	7131	2.128	ug/l	96

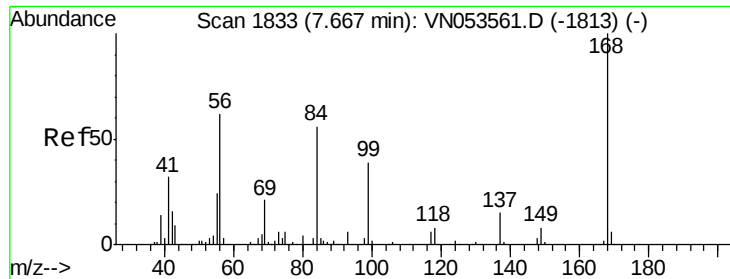
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN053766.D

Acq: 13 Feb 2019 20:10

Instrument :

MSVOA_N

ClientSampleId :

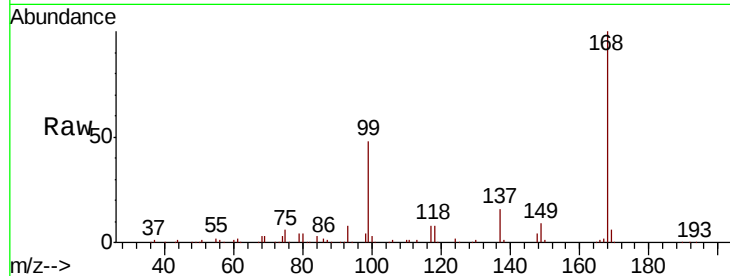
JC-02-021119-P

Tot Ion:168 Resp: 700599

Ion Ratio Lower Upper

168 100

99 47.9 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053766.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053766.D (-1740) (-)

7.67

250000

200000

150000

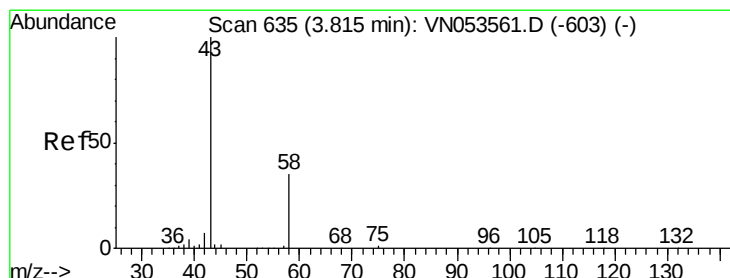
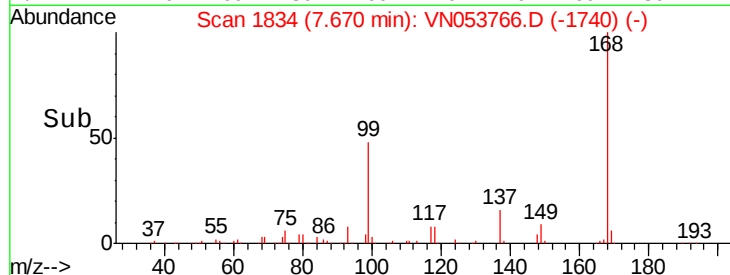
100000

50000

0

7.50 7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 54.743 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053766.D

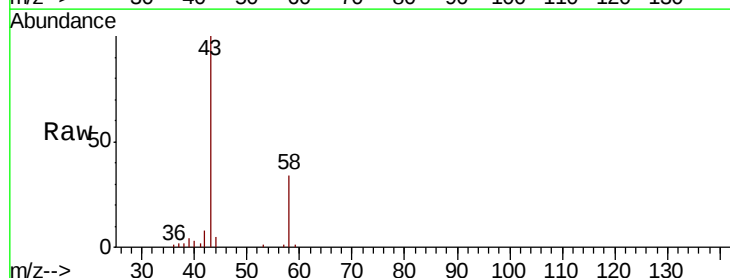
Acq: 13 Feb 2019 20:10

Tgt Ion: 43 Resp: 98690

Ion Ratio Lower Upper

43 100

58 34.3 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN053766.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN053766.D (-542) (-)

3.82

40000

30000

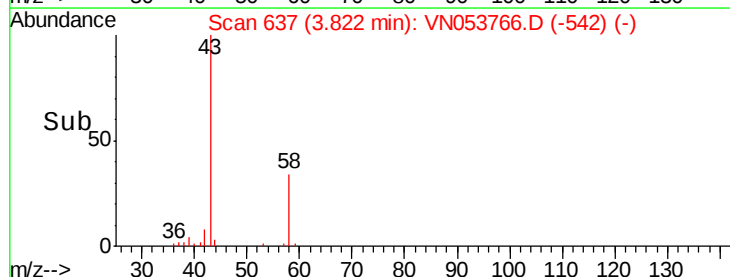
20000

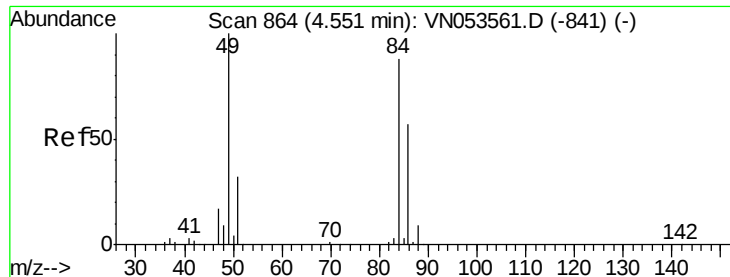
10000

0

3.70 3.80 3.90

Time-->





#20

Methylene Chloride

Concen: 241.855 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN053766.D

Acq: 13 Feb 2019 20:10

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-P

Tot Ion: 84 Resp: 1829256

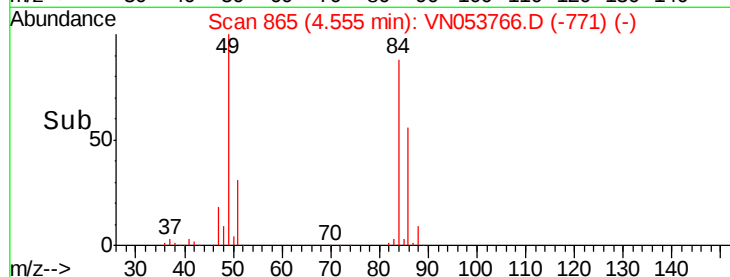
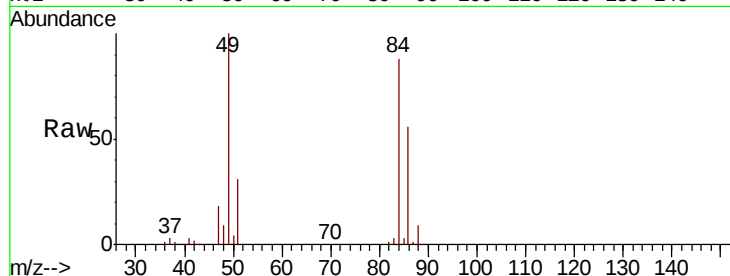
Ion Ratio Lower Upper

84 100

49 113.3 94.3 141.5

51 35.6 29.4 44.2

86 63.4 51.4 77.0

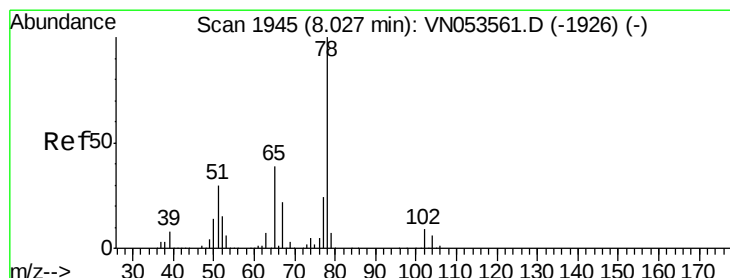
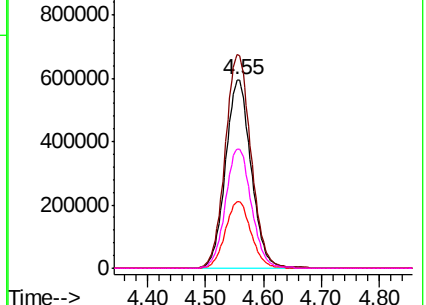


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 52.760 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053766.D

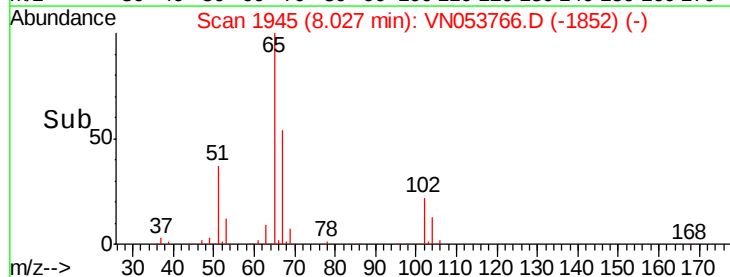
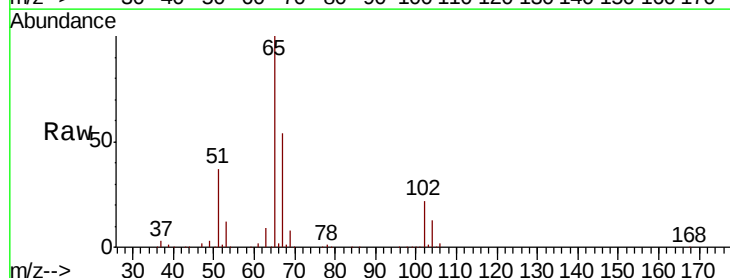
Acq: 13 Feb 2019 20:10

Tgt Ion: 65 Resp: 370815

Ion Ratio Lower Upper

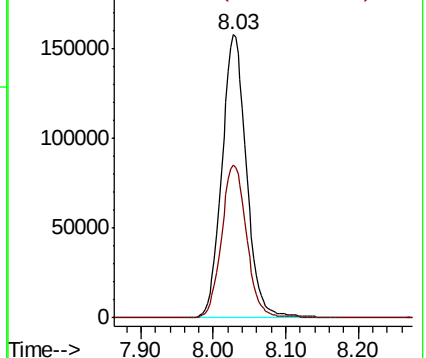
65 100

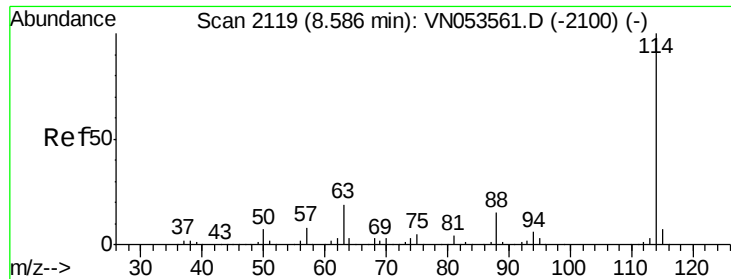
67 55.1 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

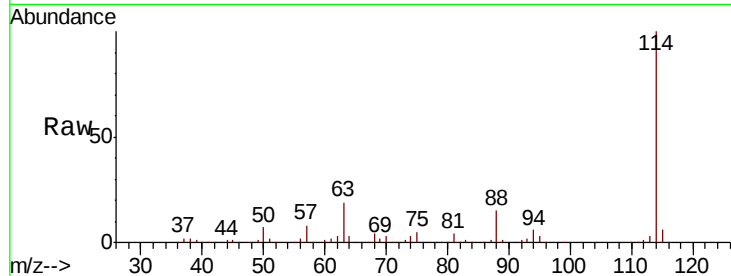




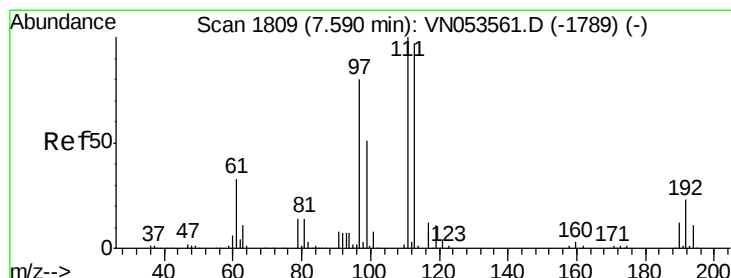
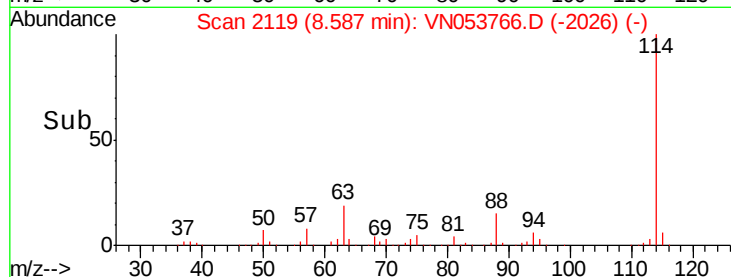
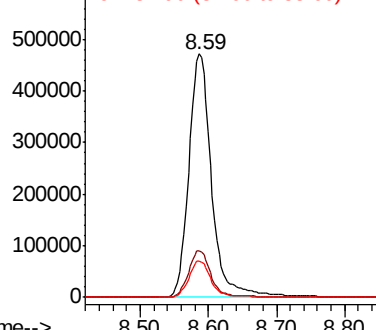
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053766.D
Acq: 13 Feb 2019 20:10

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

Tot Ion:114 Resp: 1093753
Ion Ratio Lower Upper
114 100
63 19.0 0.0 38.6
88 15.0 0.0 30.4

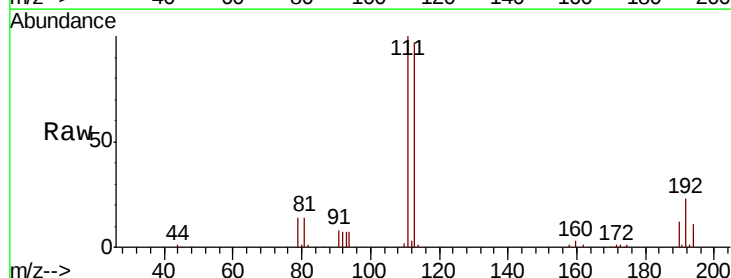


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

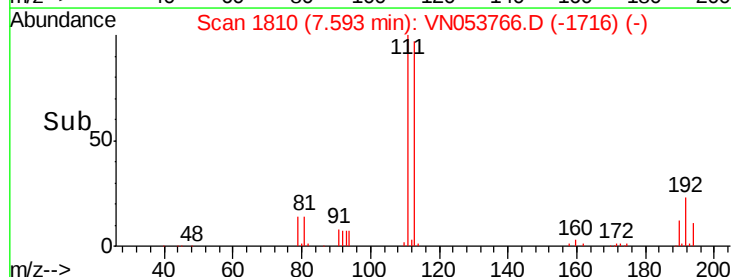
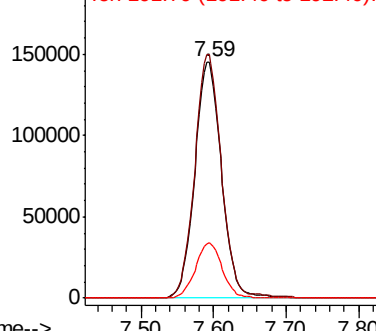


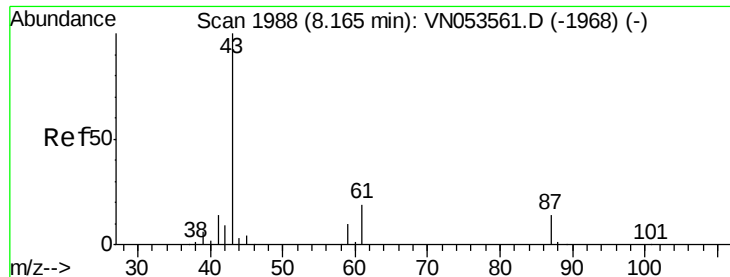
#35
Dibromofluoromethane
Concen: 53.888 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053766.D
Acq: 13 Feb 2019 20:10

Tgt Ion:113 Resp: 372423
Ion Ratio Lower Upper
113 100
111 102.9 81.1 121.7
192 23.5 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: 3.248 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN053766.D

Acq: 13 Feb 2019 20:10

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-P

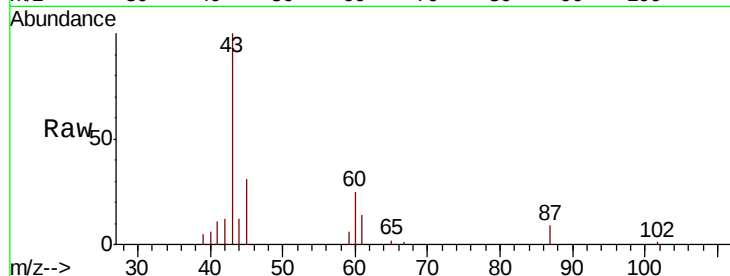
Tot Ion: 43 Resp: 34542

Ion Ratio Lower Upper

43 100

61 16.5 23.9 35.9#

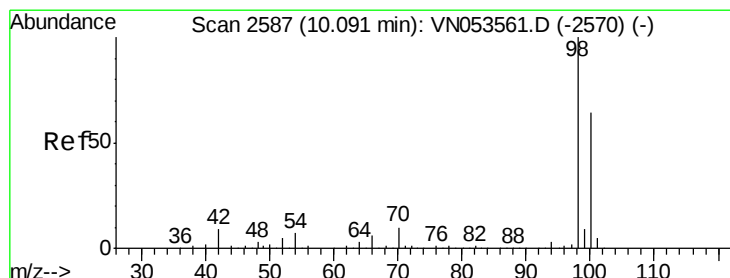
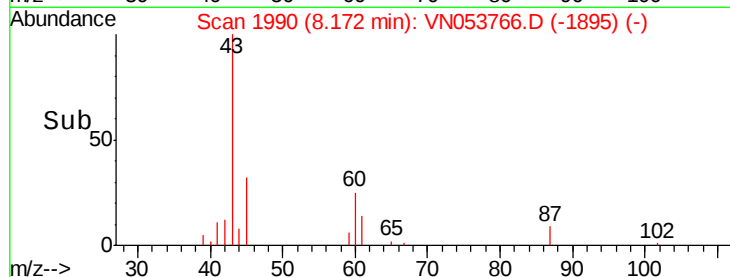
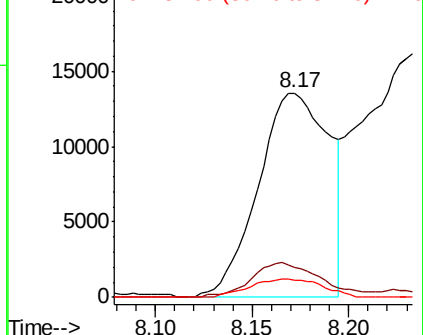
87 9.2 11.0 16.6#



Abundance Ion 43.00 (42.70 to 43.70): VN053766.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN053766.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN053766.D (-1968) (-)



#50

Toluene-d8

Concen: 51.460 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053766.D

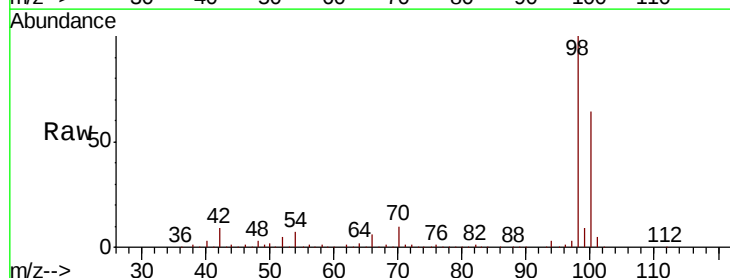
Acq: 13 Feb 2019 20:10

Tgt Ion: 98 Resp: 1335388

Ion Ratio Lower Upper

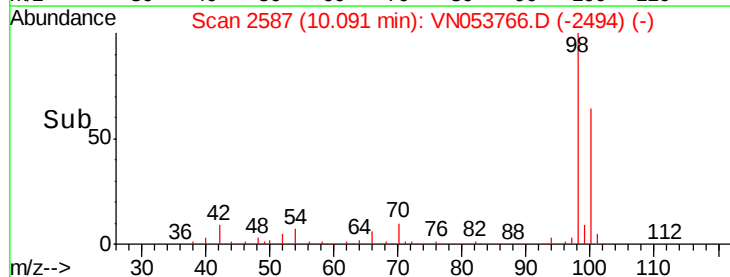
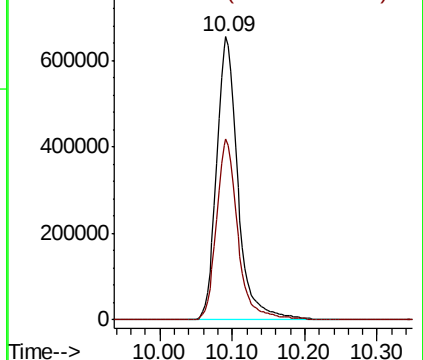
98 100

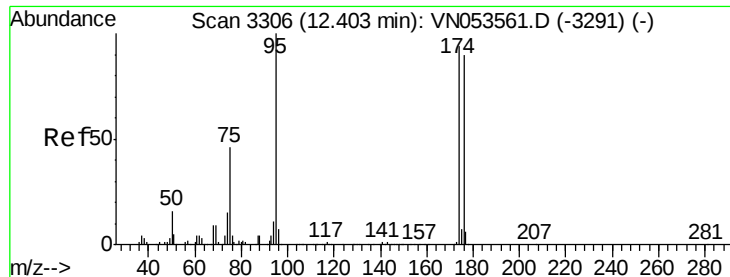
100 64.2 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053766.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053766.D (-2494) (-)





#62

4-Bromofluorobenzene

Concen: 49.857 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053766.D

Acq: 13 Feb 2019 20:10

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-P

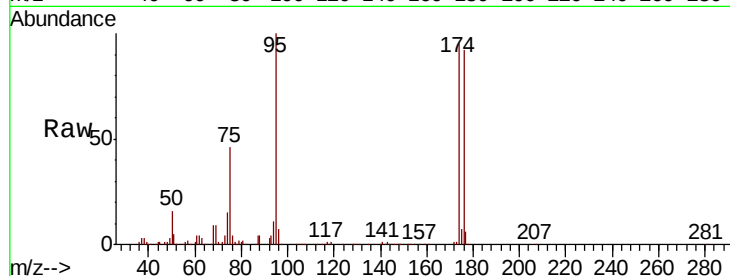
Tot Ion: 95 Resp: 431497

Ion Ratio Lower Upper

95 100

174 94.7 0.0 183.2

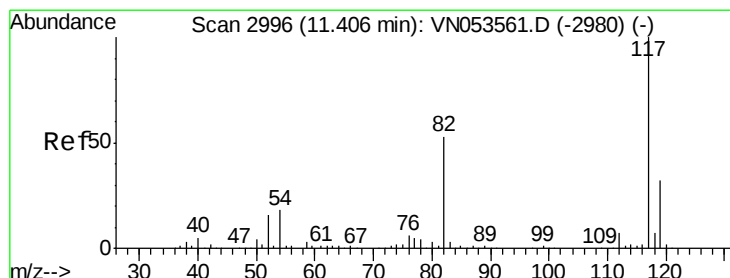
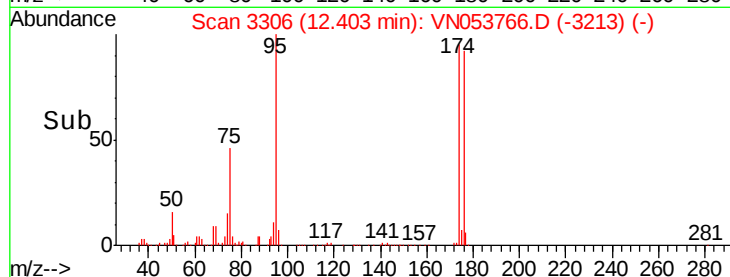
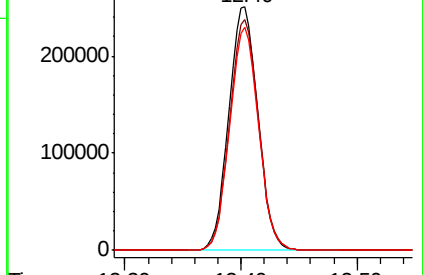
176 90.9 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053766.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053766.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053766.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053766.D

Acq: 13 Feb 2019 20:10

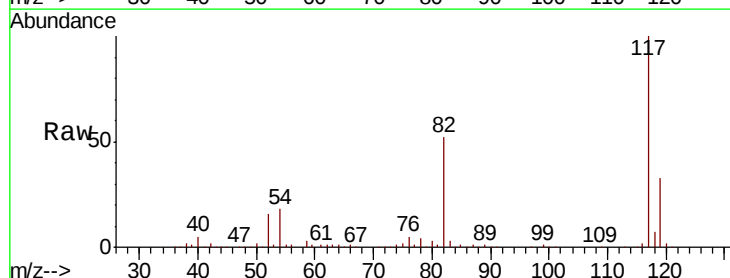
Tgt Ion: 117 Resp: 1013577

Ion Ratio Lower Upper

117 100

82 51.6 42.9 64.3

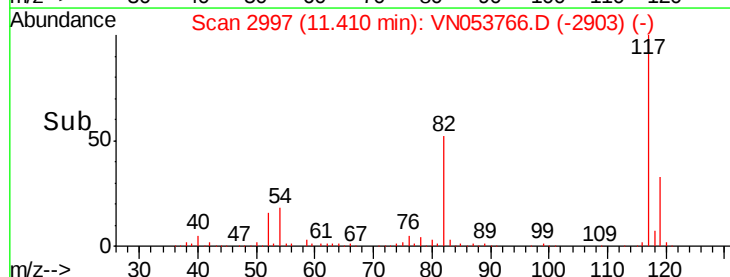
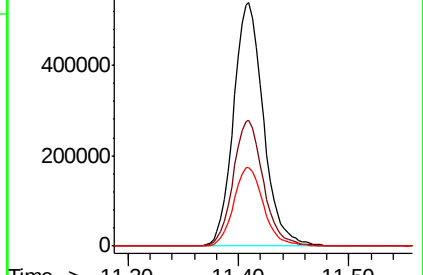
119 32.5 26.0 39.0

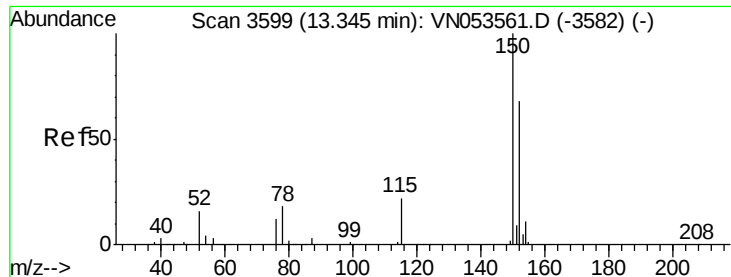


Abundance Ion 116.90 (116.60 to 117.60): VN053766.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN053766.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN053766.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053766.D

Acq: 13 Feb 2019 20:10

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-P

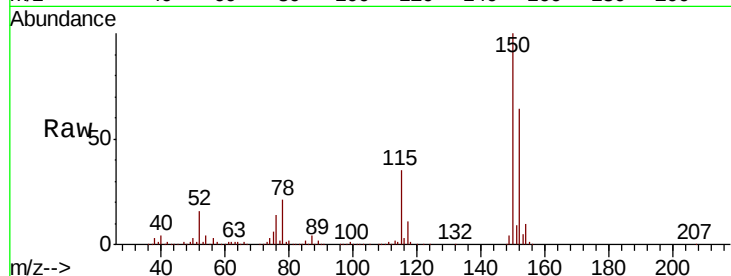
Tot Ion:152 Resp: 399887

Ion Ratio Lower Upper

152 100

115 55.2 27.8 83.4

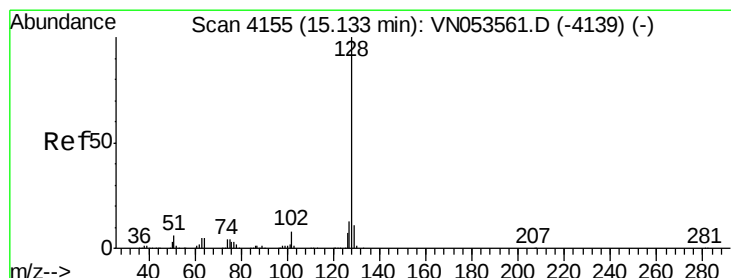
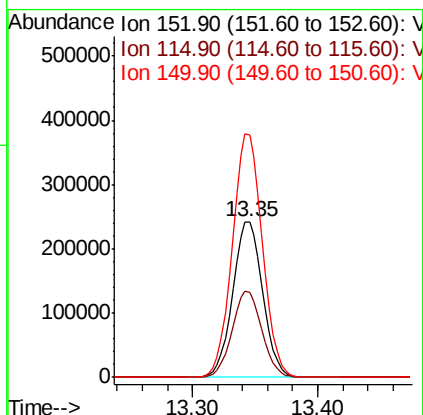
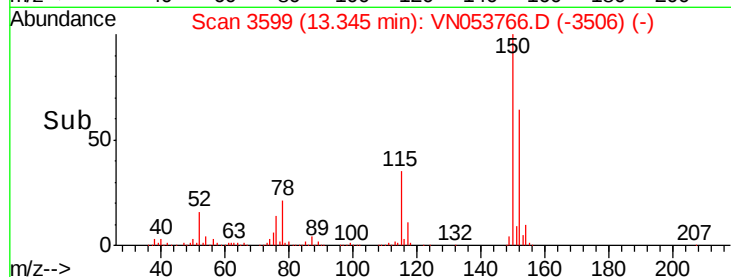
150 157.0 0.0 349.0



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: 2.128 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053766.D

Acq: 13 Feb 2019 20:10

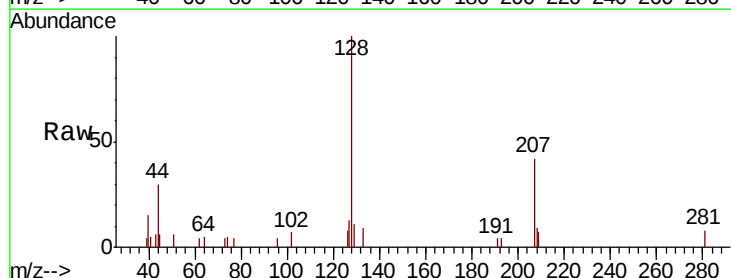
Tgt Ion:128 Resp: 7131

Ion Ratio Lower Upper

128 100

127 10.4 10.3 15.5

129 9.9 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

