

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032019\
 Data File : VN054493.D
 Acq On : 21 Mar 2019 5:45
 Operator : JC/SP
 Sample : K1688-26
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-031919-C

Quant Time: Mar 22 07:08:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

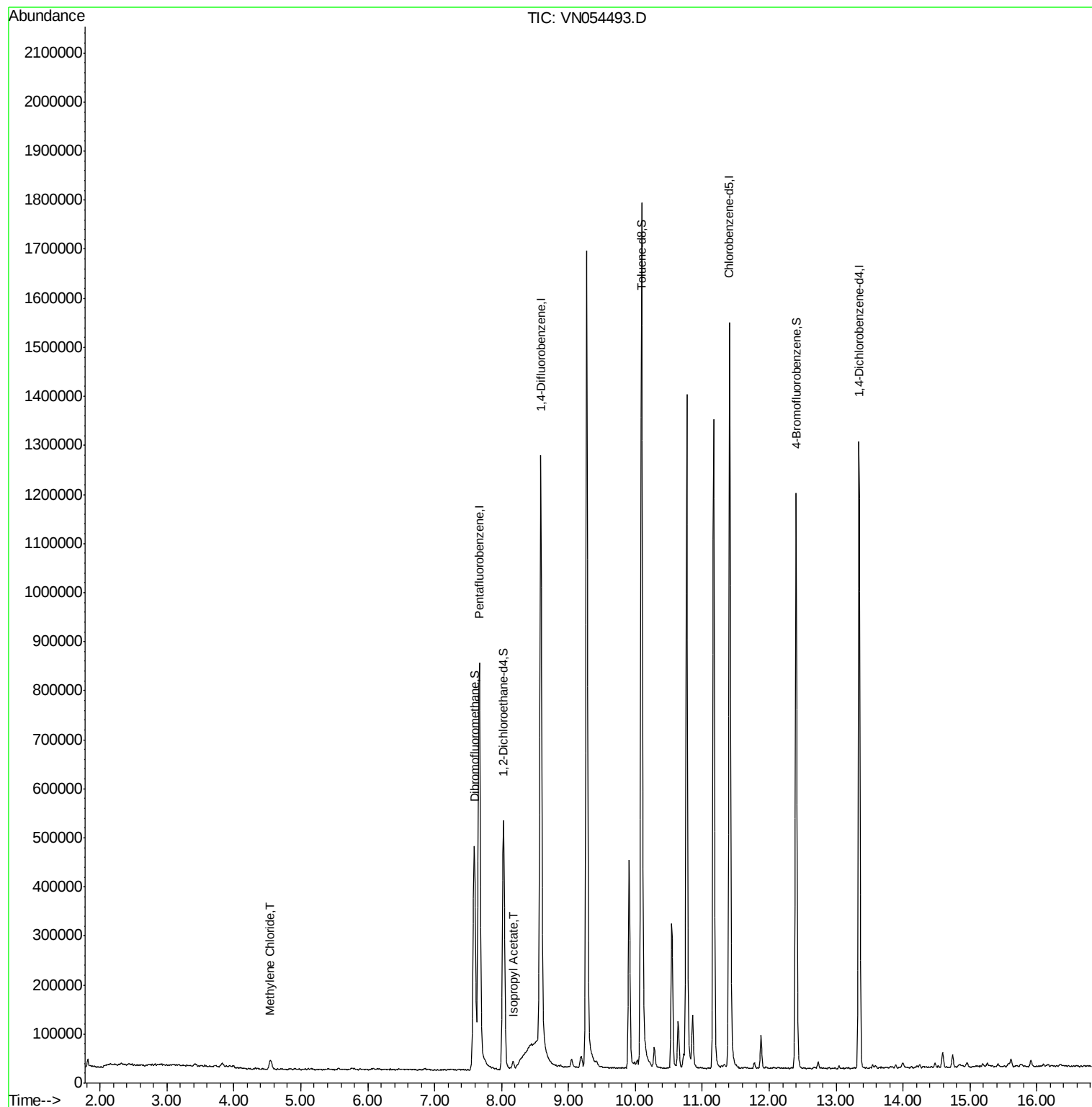
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	748596	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1133420	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	936981	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	346232	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	444568	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.48%	
35) Dibromofluoromethane	7.59	113	347685	47.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.22%	
50) Toluene-d8	10.09	98	1332047	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
62) 4-Bromofluorobenzene	12.40	95	413708	44.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.58%	
Target Compounds						
20) Methylene Chloride	4.55	84	12082	1.464	ug/l #	81
43) Isopropyl Acetate	8.17	43	20068	1.576	ug/l #	96

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

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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: VN054493.D

Acq: 21 Mar 2019 5:45

Instrument :

MSVOA_N

ClientSampleId :

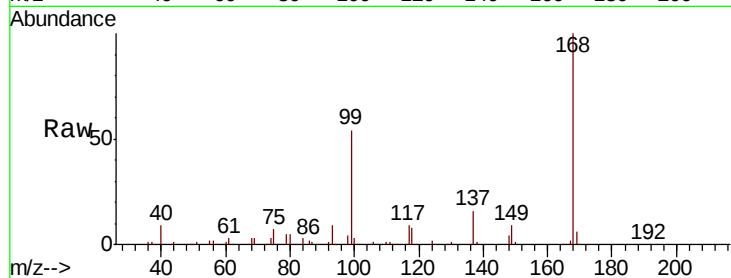
JC-02-031919-C

Tot Ion:168 Resp: 748596

Ion Ratio Lower Upper

168 100

99 54.5 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

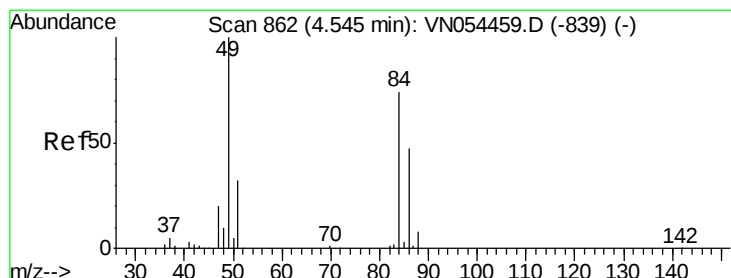
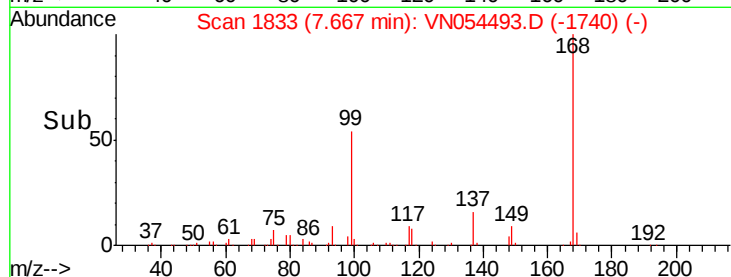
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#20

Methylene Chloride

Concen: 1.464 ug/l

RT: 4.55 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN054493.D

Acq: 21 Mar 2019 5:45

Tgt Ion: 84 Resp: 12082

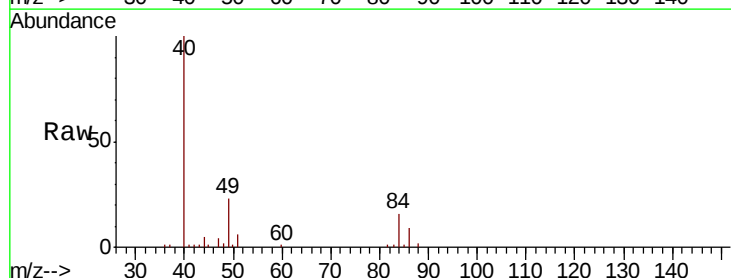
Ion Ratio Lower Upper

84 100

49 142.7 89.7 134.5#

51 40.1 28.2 42.4

86 58.5 50.8 76.2



Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN

4.55

8000

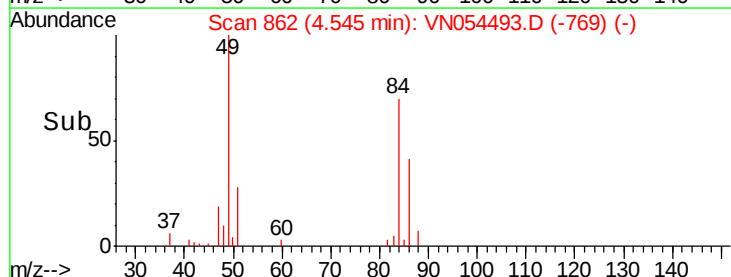
6000

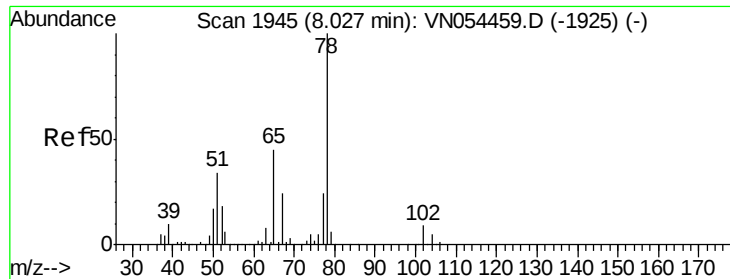
4000

2000

0

Time--> 4.45 4.50 4.55 4.60 4.65





#33

1,2-Dichloroethane-d4

Concen: 47.745 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN054493.D

Acq: 21 Mar 2019 5:45

Instrument :

MSVOA_N

ClientSampleId :

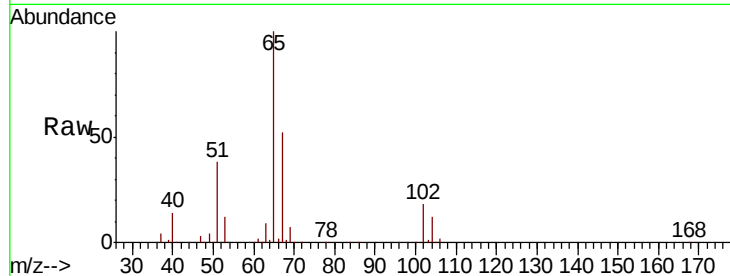
JC-02-031919-C

Tot Ion: 65 Resp: 444568

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

200000

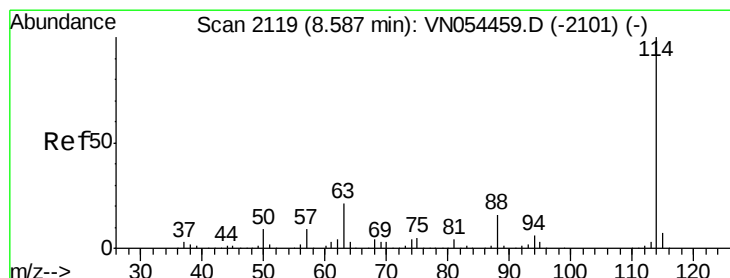
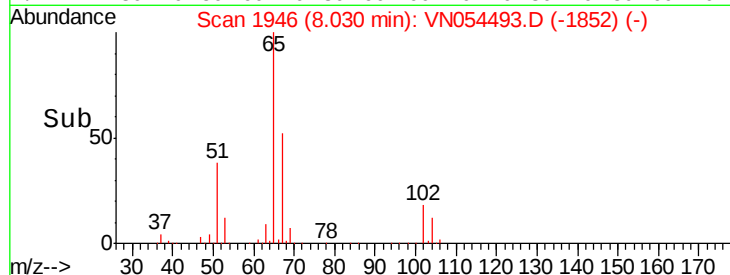
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054493.D

Acq: 21 Mar 2019 5:45

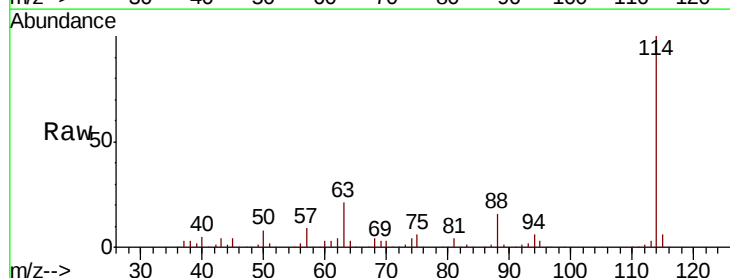
Tgt Ion: 114 Resp: 1133420

Ion Ratio Lower Upper

114 100

63 21.5 0.0 35.2

88 15.9 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

8.59

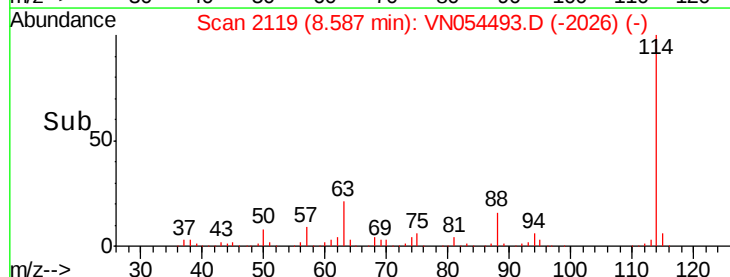
600000

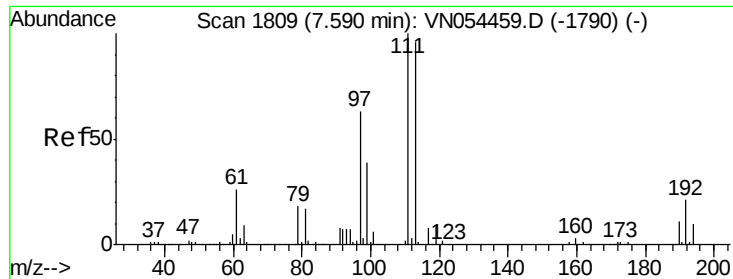
400000

200000

0

Time-->

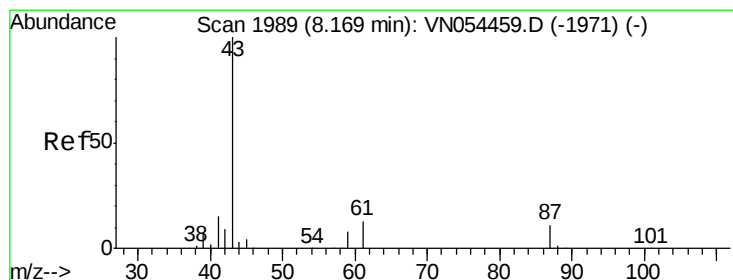
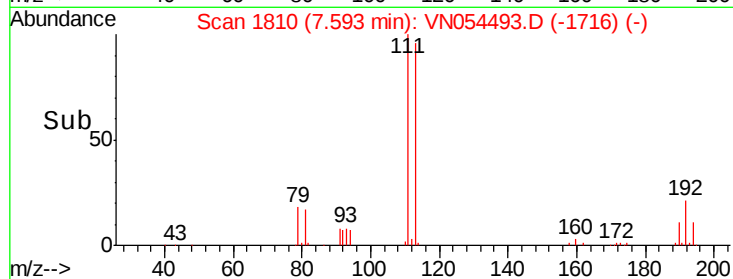
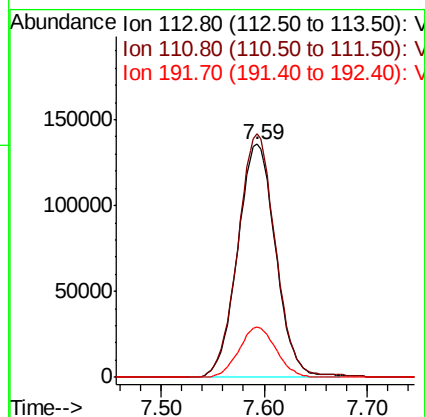
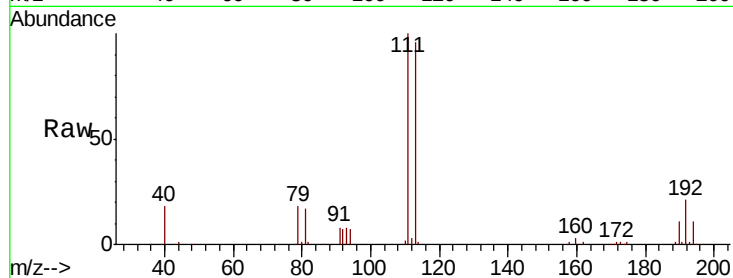




#35
 Dibromofluoromethane
 Concen: 47.615 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054493.D
 Acq: 21 Mar 2019 5:45

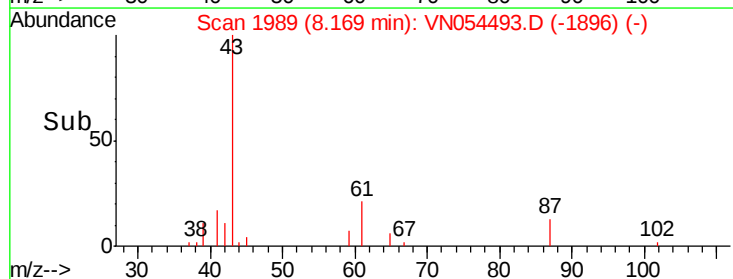
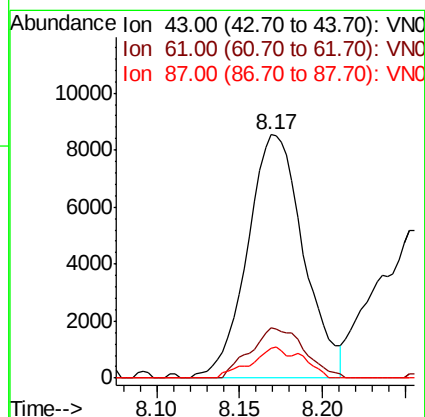
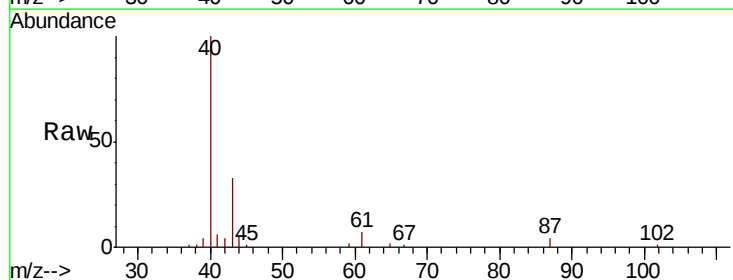
Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-031919-C

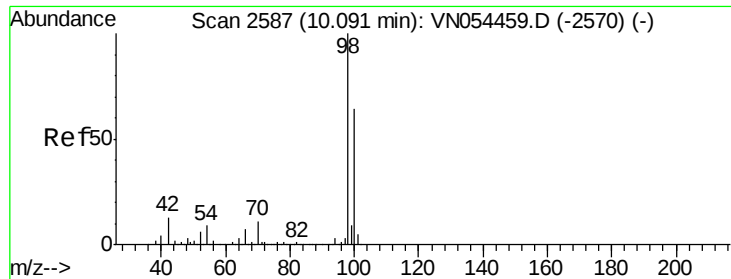
Tot Ion:113 Resp: 347685
 Ion Ratio Lower Upper
 113 100
 111 104.0 82.2 123.4
 192 21.2 19.2 28.8



#43
 Isopropyl Acetate
 Concen: 1.576 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN054493.D
 Acq: 21 Mar 2019 5:45

Tgt Ion: 43 Resp: 20068
 Ion Ratio Lower Upper
 43 100
 61 19.9 15.8 23.8
 87 11.5 12.0 18.0#





#50

Toluene-d8

Concen: 48.524 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054493.D

Acq: 21 Mar 2019 5:45

Instrument :

MSVOA_N

ClientSampleId :

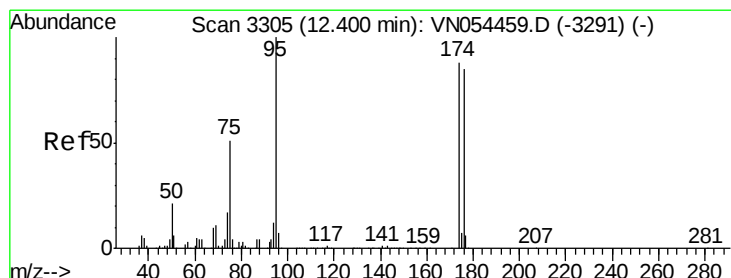
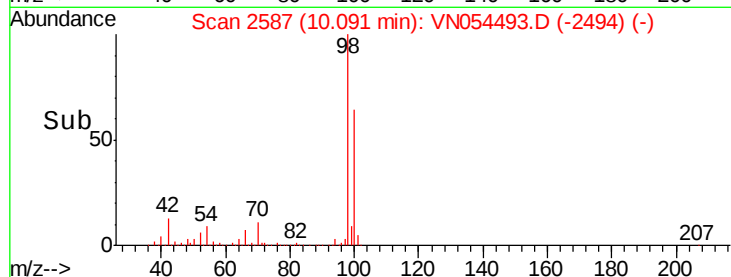
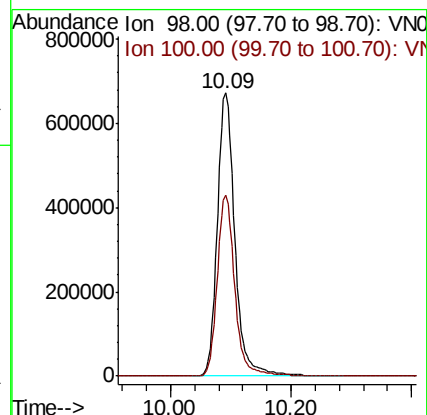
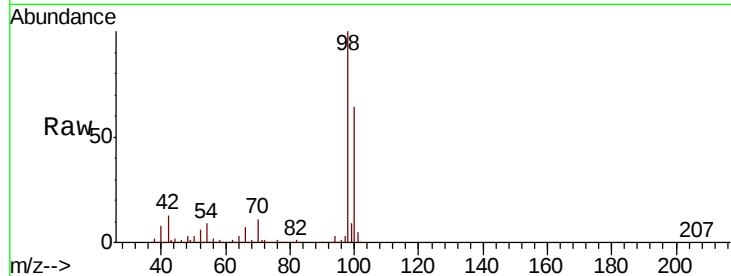
JC-02-031919-C

Tot Ion: 98 Resp: 1332047

Ion Ratio Lower Upper

98 100

100 63.6 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 44.289 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054493.D

Acq: 21 Mar 2019 5:45

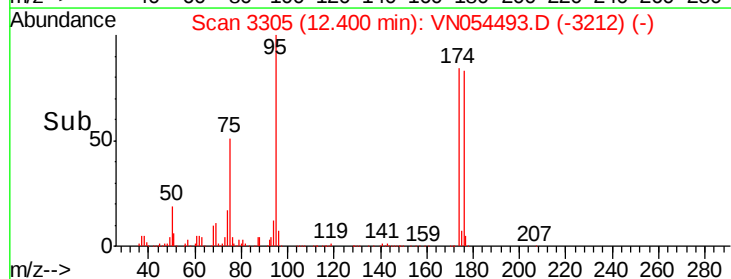
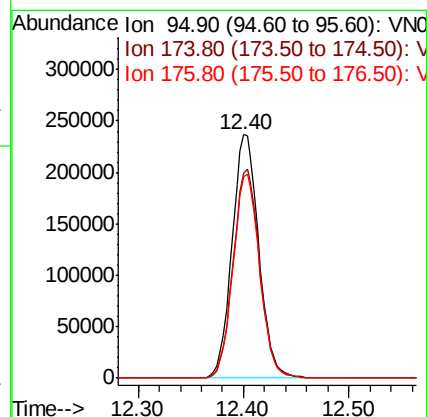
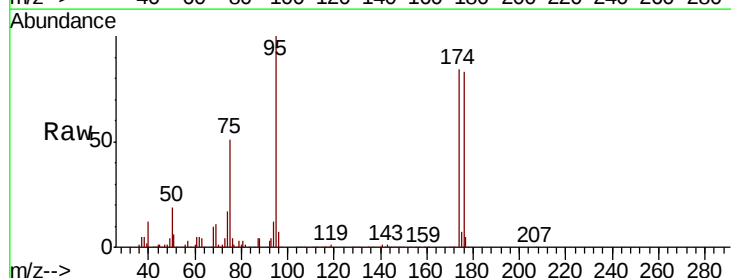
Tgt Ion: 95 Resp: 413708

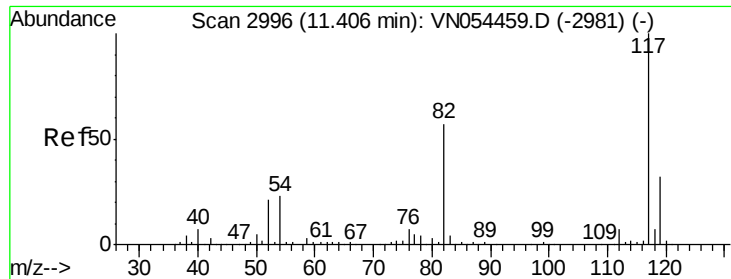
Ion Ratio Lower Upper

95 100

174 85.5 0.0 191.0

176 83.0 0.0 187.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN054493.D

Acq: 21 Mar 2019 5:45

Instrument :

MSVOA_N

ClientSampleId :

JC-02-031919-C

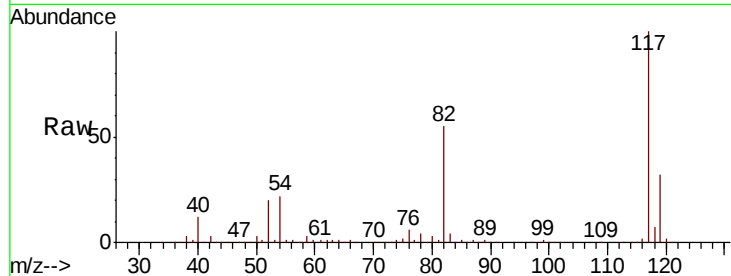
Tot Ion:117 Resp: 936981

Ion Ratio Lower Upper

117 100

82 55.0 40.0 60.0

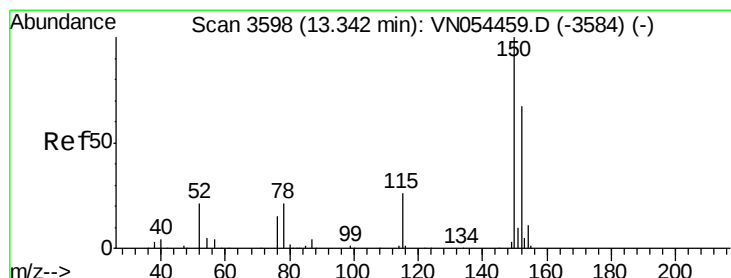
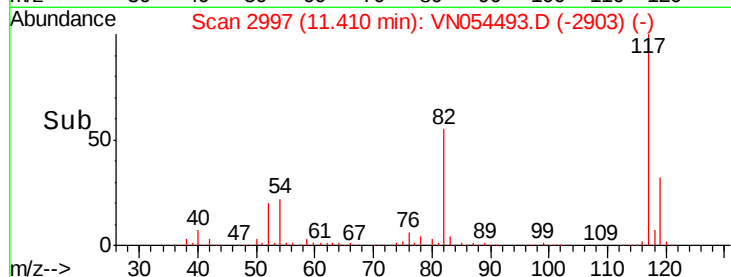
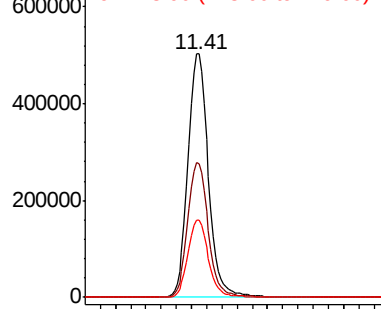
119 31.7 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054493.D

Acq: 21 Mar 2019 5:45

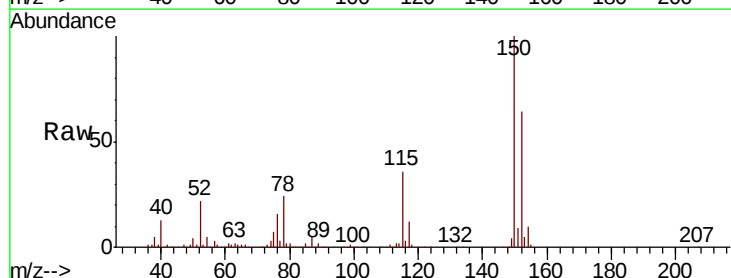
Tgt Ion:152 Resp: 346232

Ion Ratio Lower Upper

152 100

115 57.6 27.2 81.6

150 157.0 0.0 349.2



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

