

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032019\
 Data File : VN054484.D
 Acq On : 21 Mar 2019 1:38
 Operator : JC/SP
 Sample : K1688-24
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

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

Quant Time: Mar 22 05:51:58 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

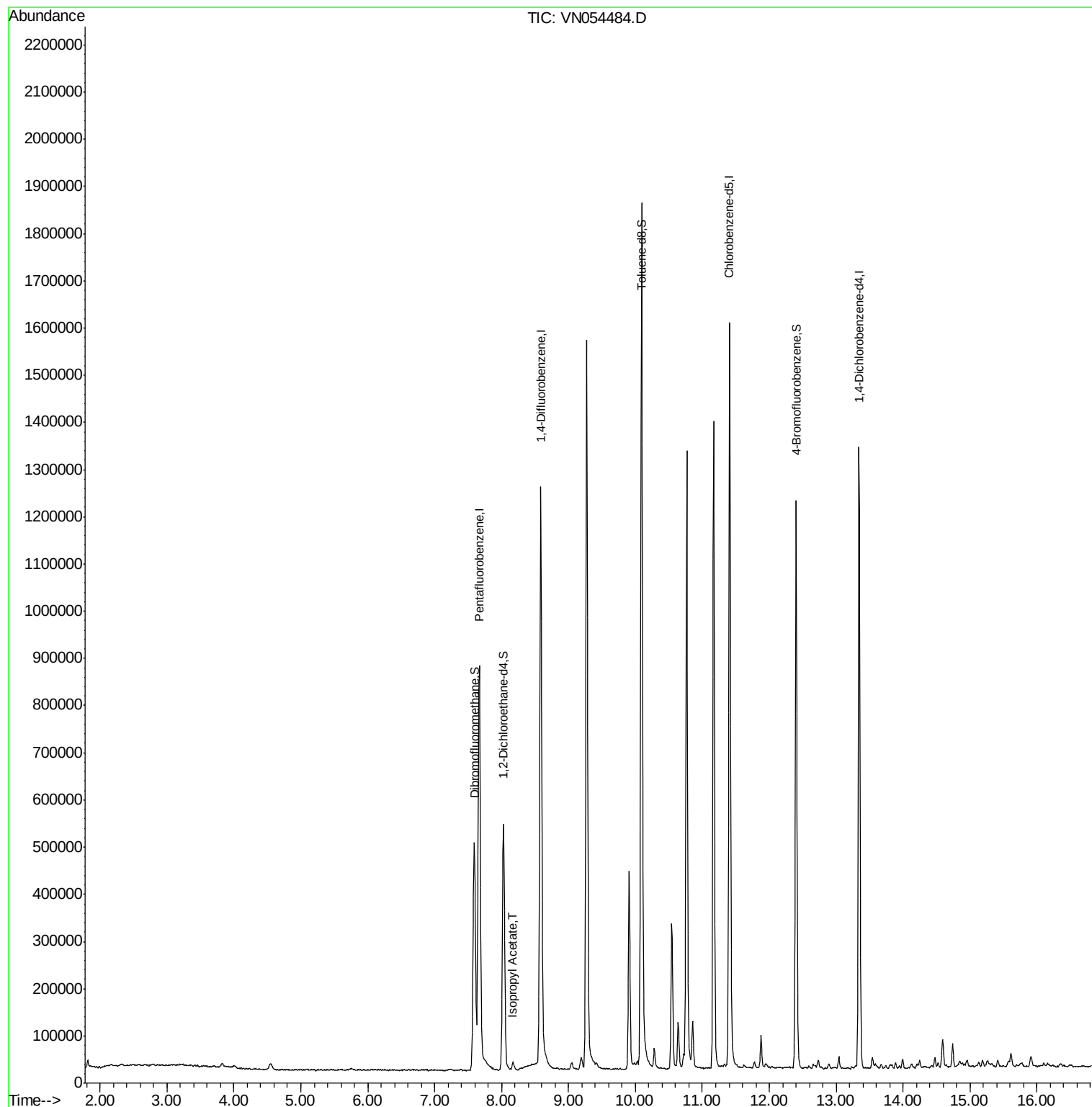
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	775501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1170762	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	952887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	354982	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	452903	46.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.90%	
35) Dibromofluoromethane	7.59	113	372114	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
50) Toluene-d8	10.09	98	1370082	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
62) 4-Bromofluorobenzene	12.40	95	419475	43.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.94%	
Target Compounds						
43) Isopropyl Acetate	8.17	43	18116	1.378	ug/l	Qvalue 97

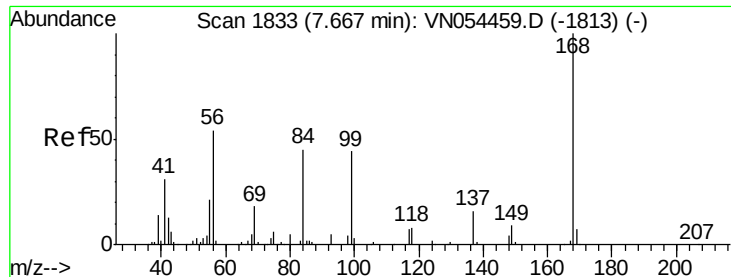
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054484.D

Acq: 21 Mar 2019 1:38

Instrument :

MSVOA_N

ClientSampleId :

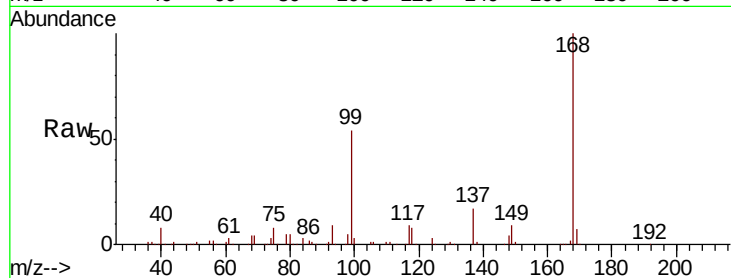
JC-02-031919-B

Tot Ion:168 Resp: 775501

Ion Ratio Lower Upper

168 100

99 54.3 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

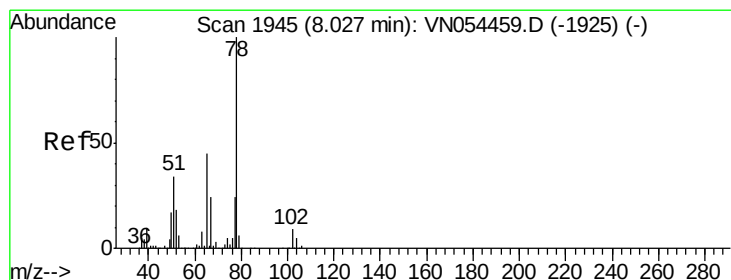
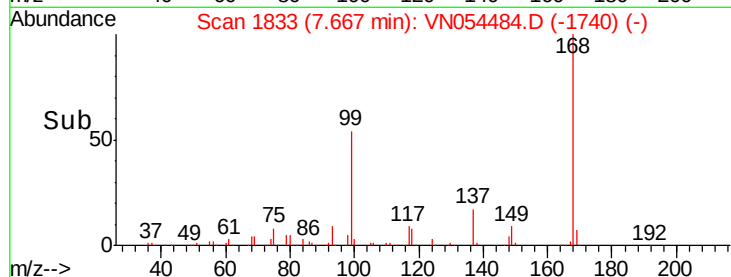
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.952 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054484.D

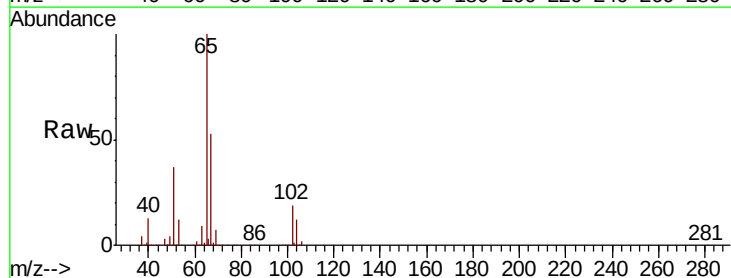
Acq: 21 Mar 2019 1:38

Tgt Ion: 65 Resp: 452903

Ion Ratio Lower Upper

65 100

67 52.8 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.03

200000

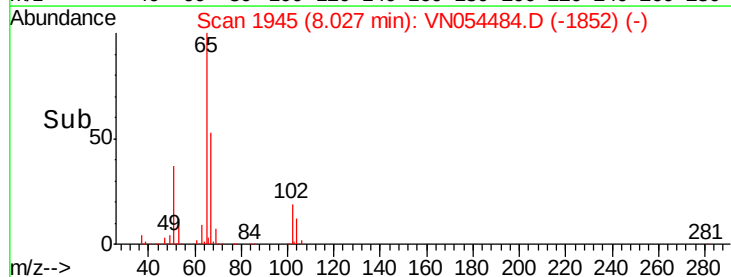
150000

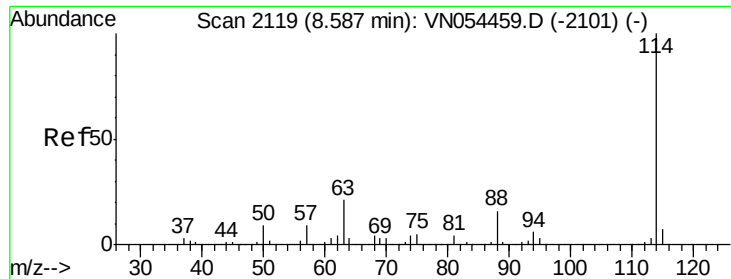
100000

50000

0

Time-->



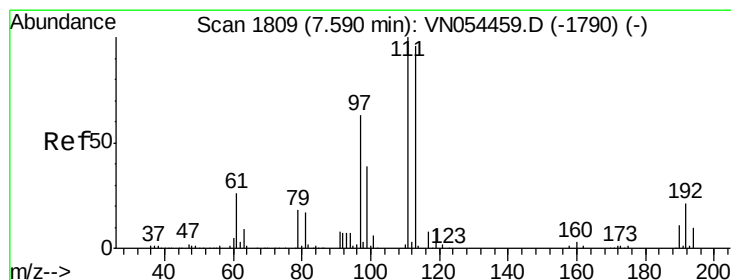
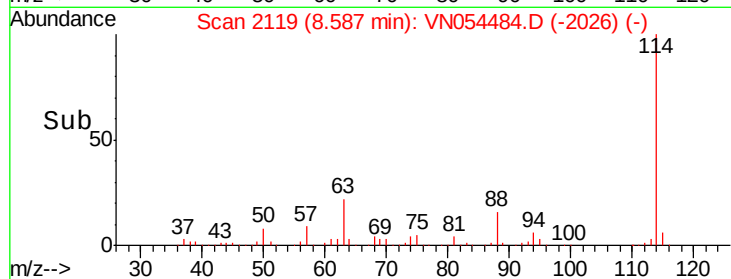
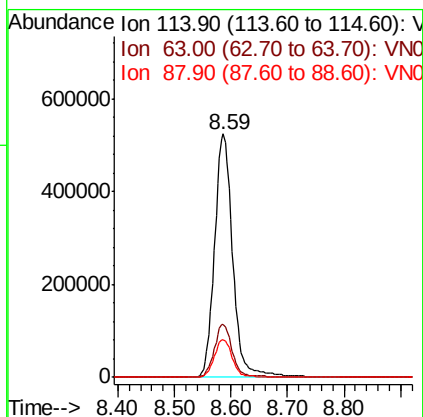
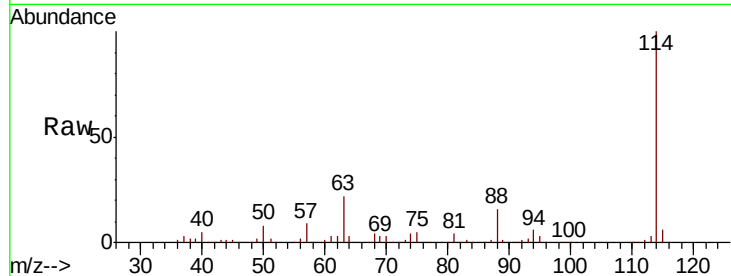


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054484.D
 Acq: 21 Mar 2019 1:38

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

Tot Ion:114 Resp: 1170762

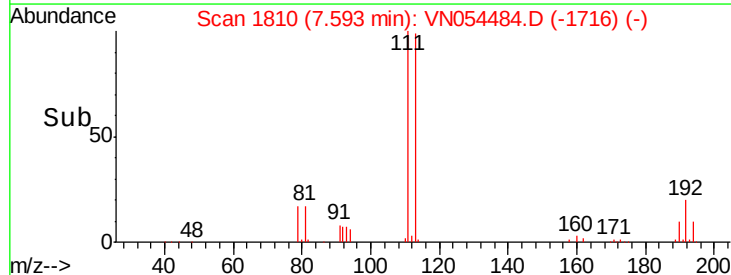
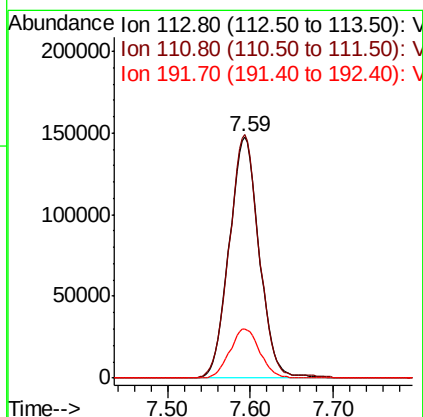
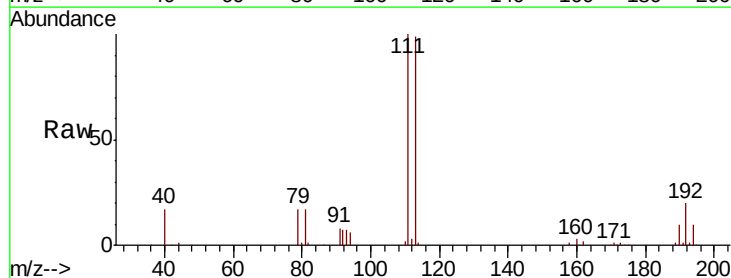
Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	35.2
88	15.6	0.0	30.2

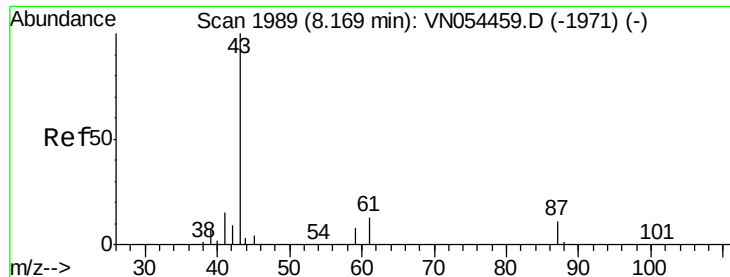


#35
 Dibromofluoromethane
 Concen: 49.335 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054484.D
 Acq: 21 Mar 2019 1:38

Tgt Ion:113 Resp: 372114

Ion	Ratio	Lower	Upper
113	100		
111	99.6	82.2	123.4
192	20.4	19.2	28.8





#43

Isopropyl Acetate

Concen: 1.378 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054484.D

Acq: 21 Mar 2019 1:38

Instrument :

MSVOA_N

ClientSampleId :

JC-02-031919-B

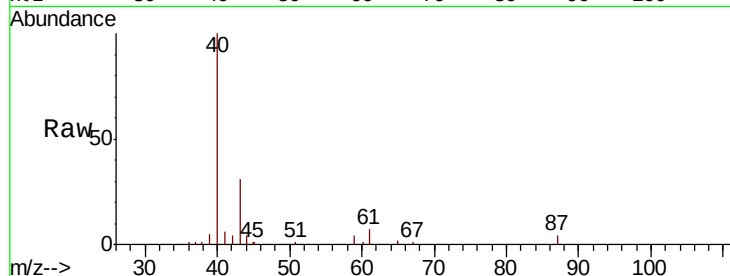
Tot Ion: 43 Resp: 18116

Ion Ratio Lower Upper

43 100

61 19.5 15.8 23.8

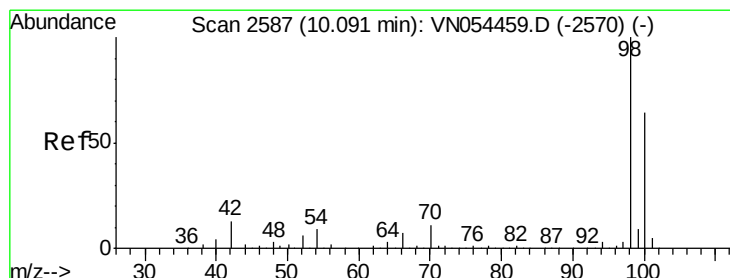
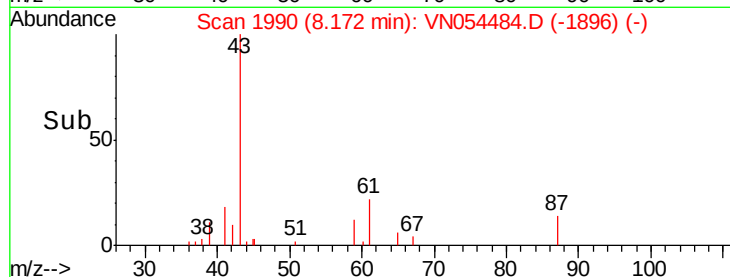
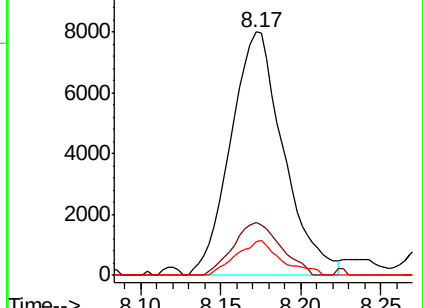
87 12.1 12.0 18.0



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: 48.318 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054484.D

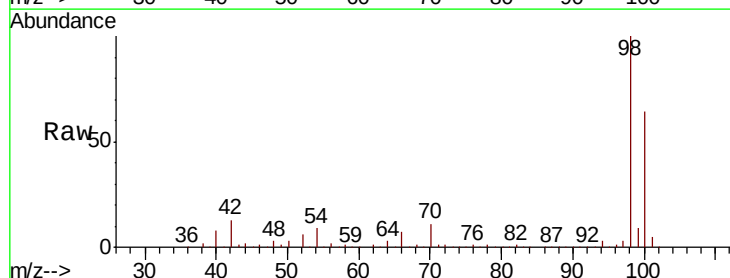
Acq: 21 Mar 2019 1:38

Tgt Ion: 98 Resp: 1370082

Ion Ratio Lower Upper

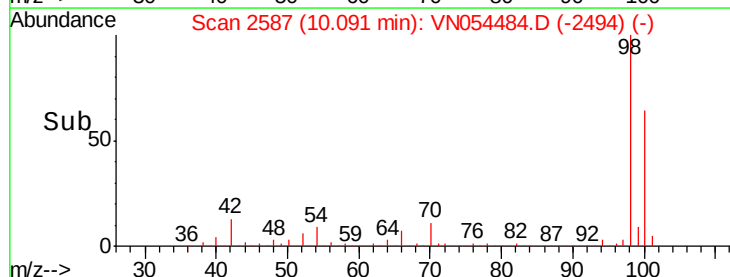
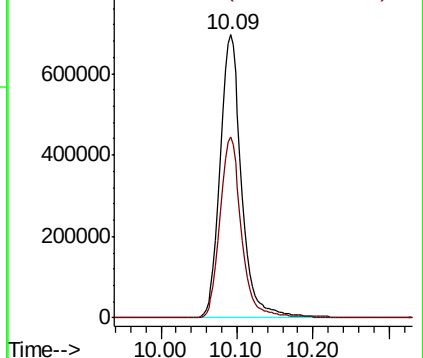
98 100

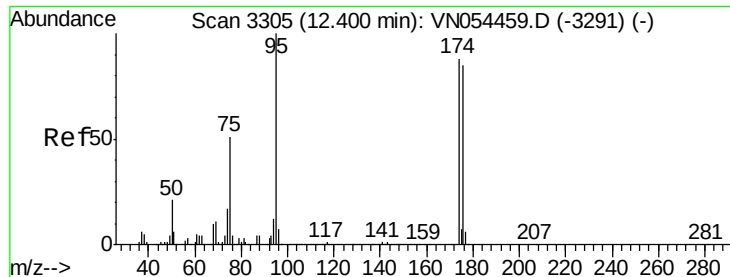
100 64.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 43.474 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054484.D

Acq: 21 Mar 2019 1:38

Instrument :

MSVOA_N

ClientSampleId :

JC-02-031919-B

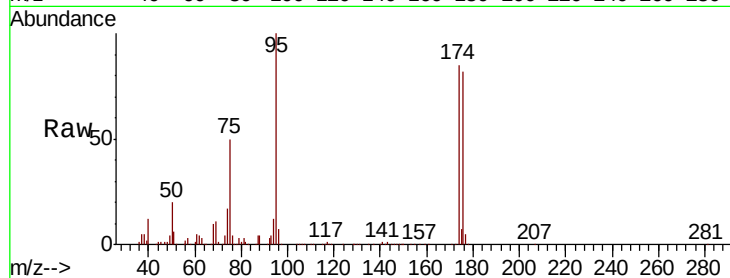
Tot Ion: 95 Resp: 419475

Ion Ratio Lower Upper

95 100

174 85.0 0.0 191.0

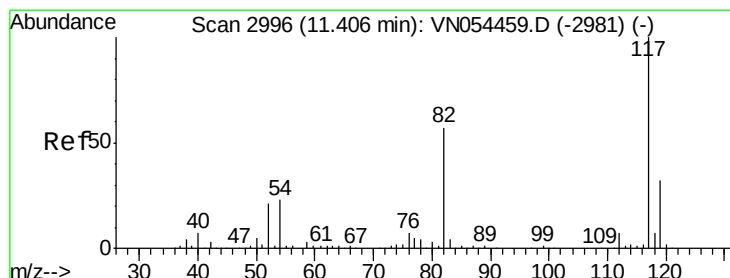
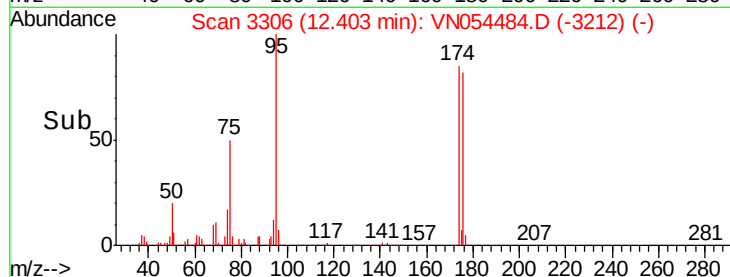
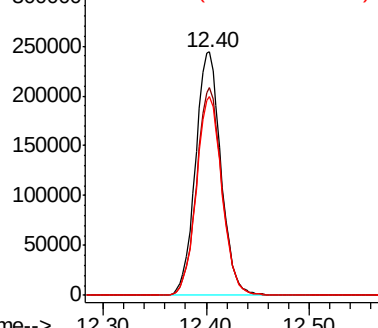
176 82.3 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054484.D

Acq: 21 Mar 2019 1:38

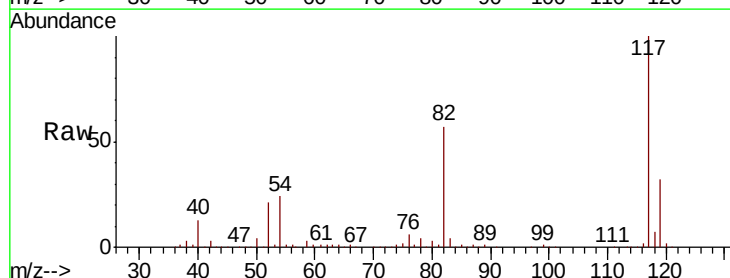
Tgt Ion: 117 Resp: 952887

Ion Ratio Lower Upper

117 100

82 56.9 40.0 60.0

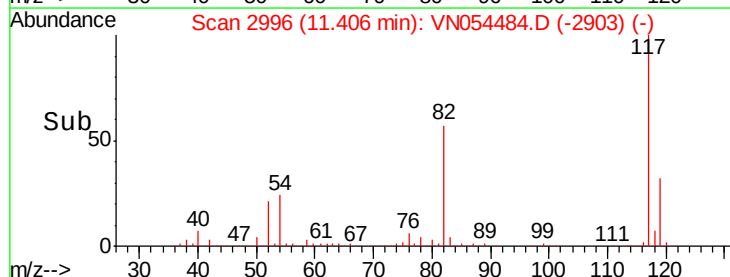
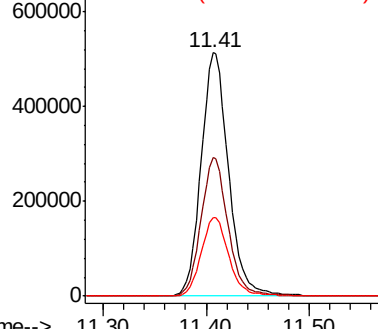
119 32.4 25.8 38.6

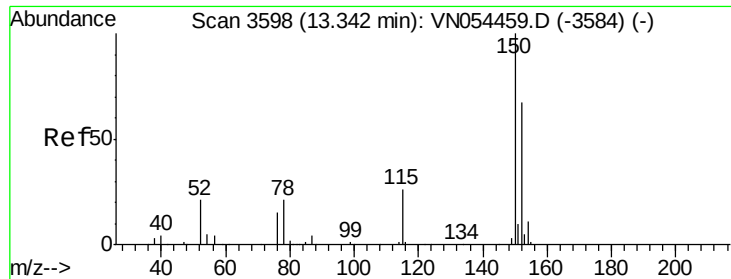


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054484.D

Acq: 21 Mar 2019 1:38

Instrument :

MSVOA_N

ClientSampleId :

JC-02-031919-B

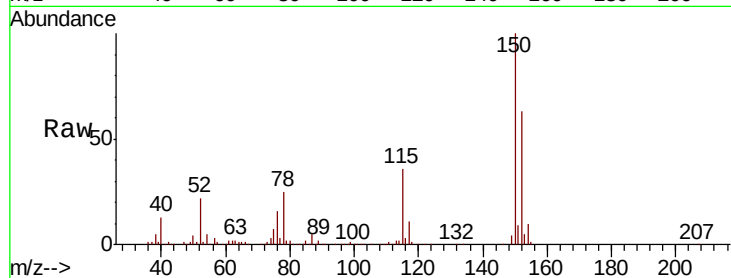
Tot Ion:152 Resp: 354982

Ion Ratio Lower Upper

152 100

115 57.8 27.2 81.6

150 157.5 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

