

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032019\
 Data File : VN054489.D
 Acq On : 21 Mar 2019 3:55
 Operator : JC/SP
 Sample : K1688-36
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

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

Quant Time: Mar 22 06:57:19 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

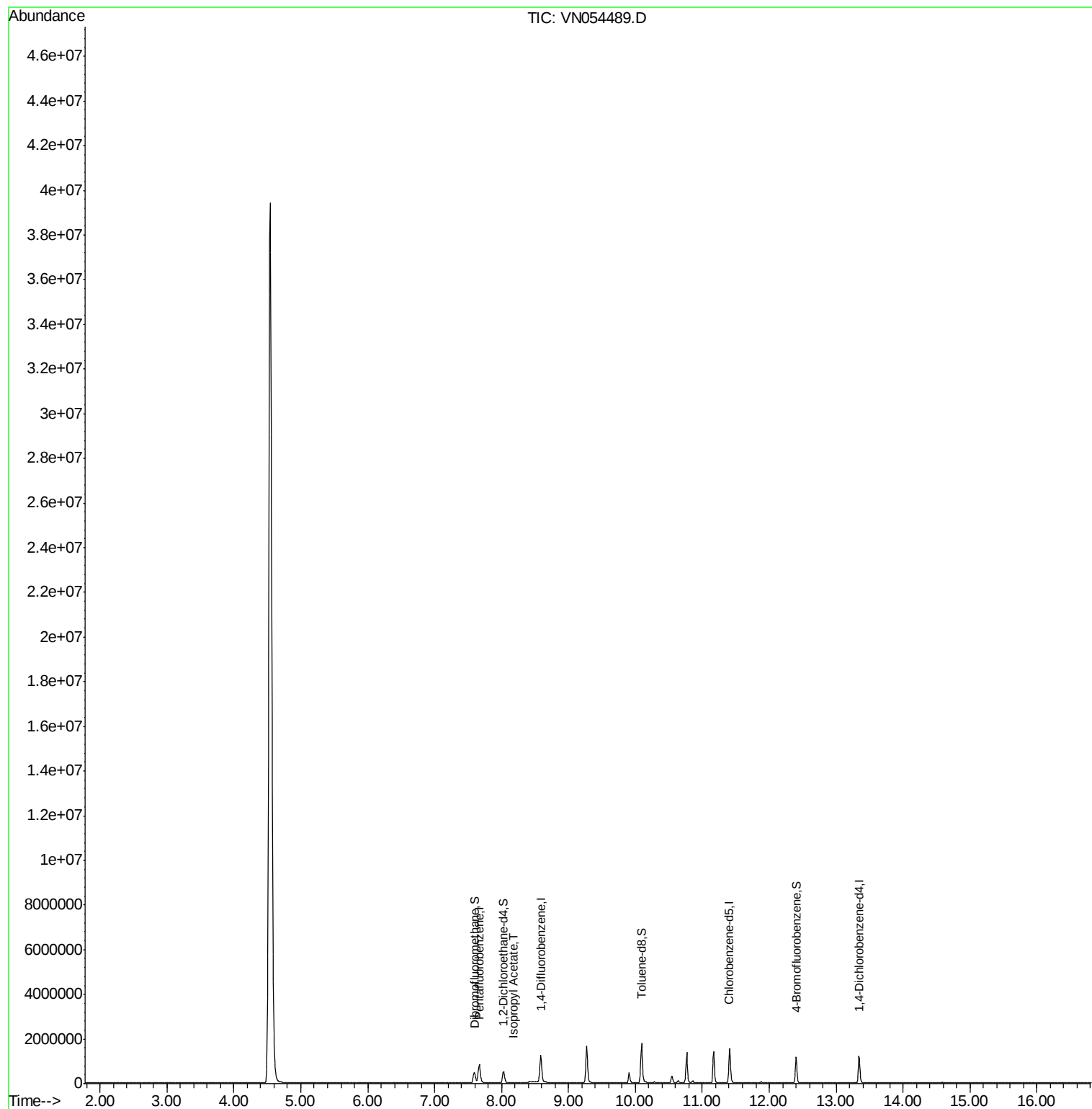
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	752713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1129486	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	929489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	328380	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	444402	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	
35) Dibromofluoromethane	7.59	113	358176	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
50) Toluene-d8	10.09	98	1341921	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
62) 4-Bromofluorobenzene	12.40	95	403346	43.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.66%	
Target Compounds						
43) Isopropyl Acetate	8.17	43	19237	1.516	ug/l #	95

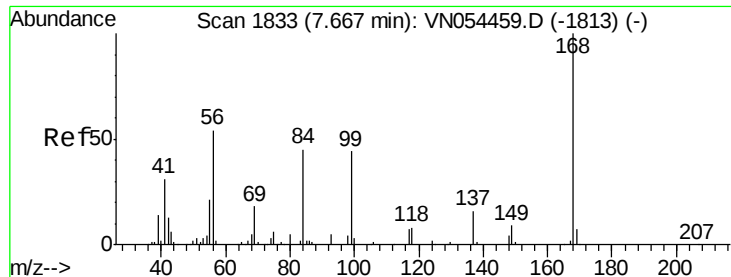
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054489.D

Acq: 21 Mar 2019 3:55

Instrument :

MSVOA_N

ClientSampleId :

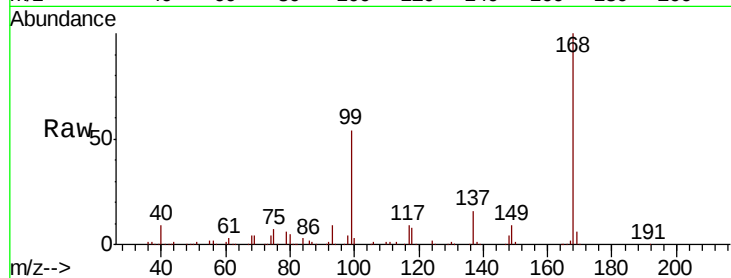
JC-02-031919-H

Tot Ion:168 Resp: 752713

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): VN0

7.67

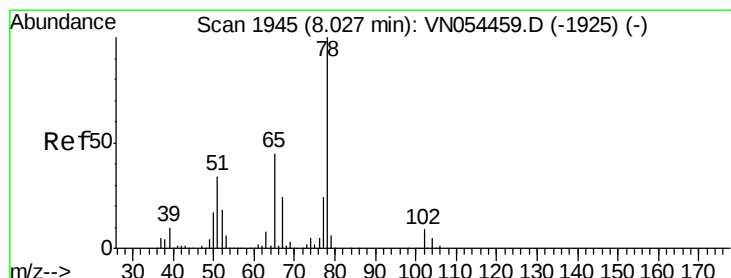
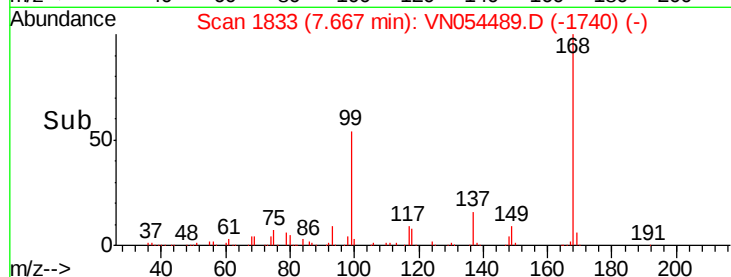
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 47.466 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054489.D

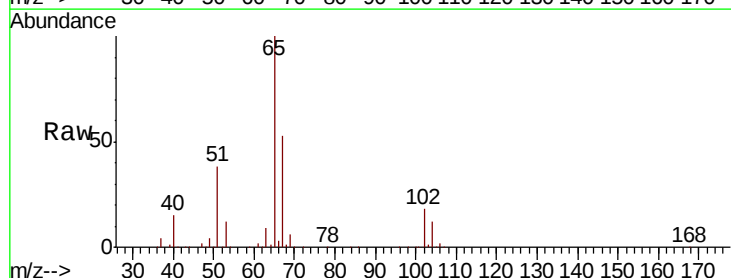
Acq: 21 Mar 2019 3:55

Tgt Ion: 65 Resp: 444402

Ion Ratio Lower Upper

65 100

67 52.7 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

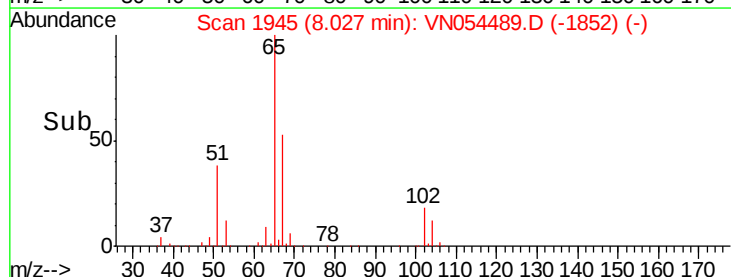
150000

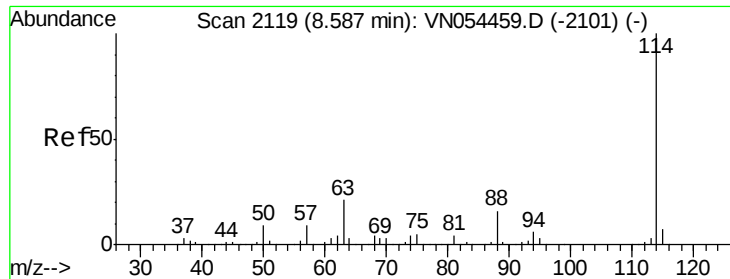
100000

50000

0

Time--> 7.90 8.00 8.10

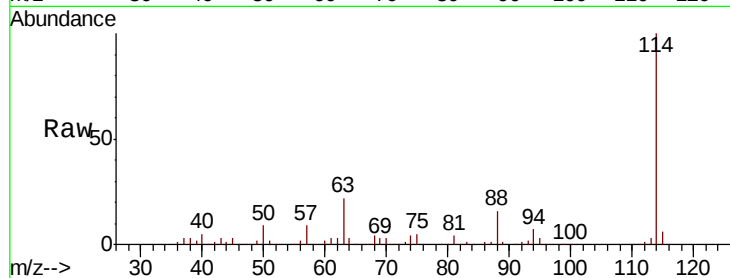




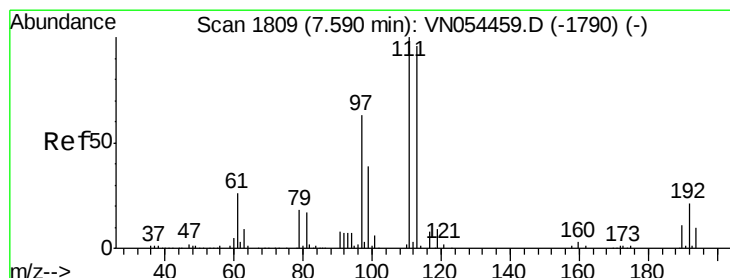
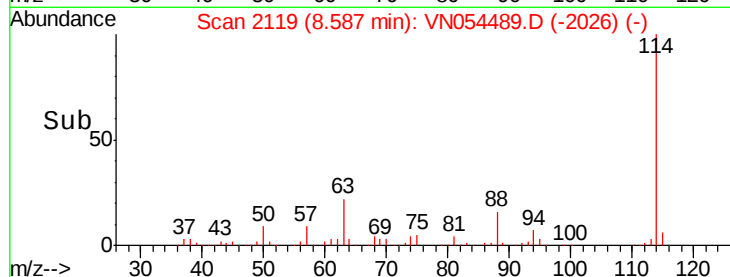
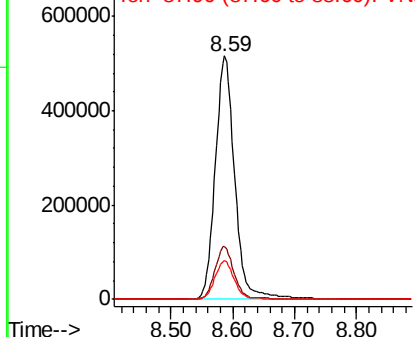
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054489.D
 Acq: 21 Mar 2019 3:55

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

Tot Ion:114 Resp: 1129486
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 35.2
 88 15.8 0.0 30.2

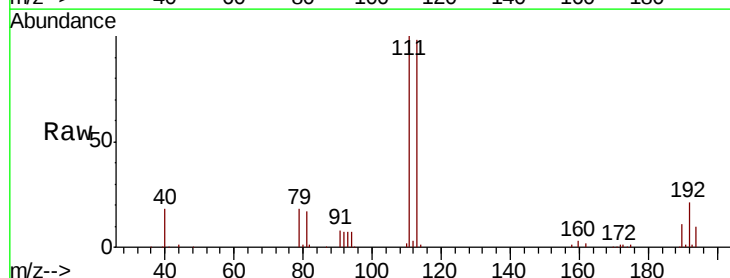


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VNO
 Ion 87.90 (87.60 to 88.60): VNO

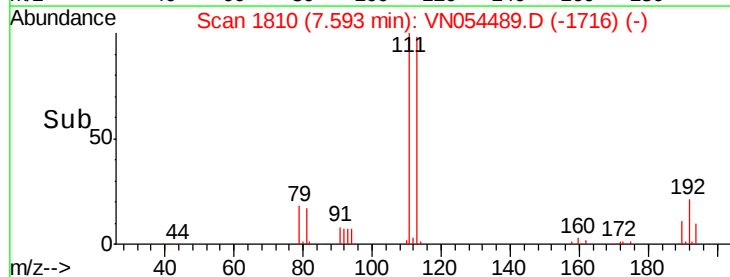
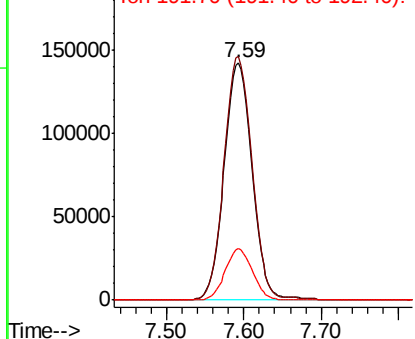


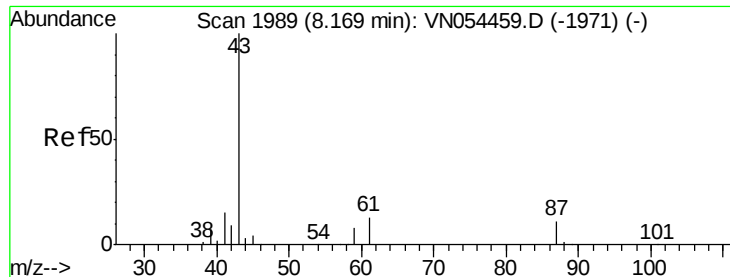
#35
 Dibromofluoromethane
 Concen: 49.222 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054489.D
 Acq: 21 Mar 2019 3:55

Tgt Ion:113 Resp: 358176
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.2 123.4
 192 21.0 19.2 28.8



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: 1.516 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN054489.D

Acq: 21 Mar 2019 3:55

Instrument :

MSVOA_N

ClientSampleId :

JC-02-031919-H

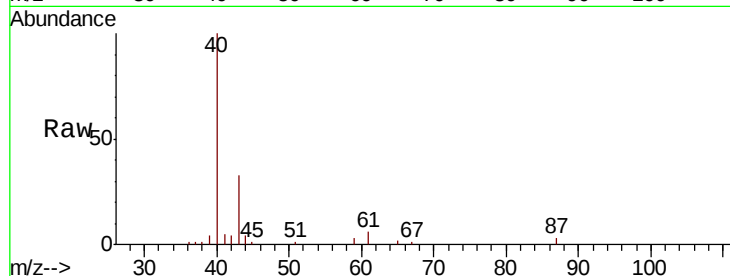
Tot Ion: 43 Resp: 19237

Ion Ratio Lower Upper

43 100

61 19.0 15.8 23.8

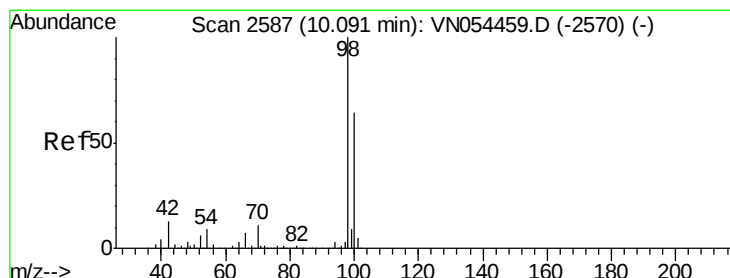
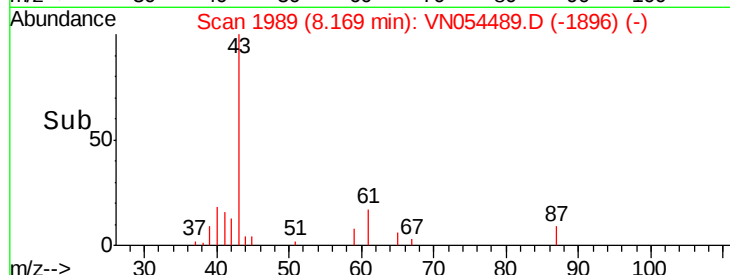
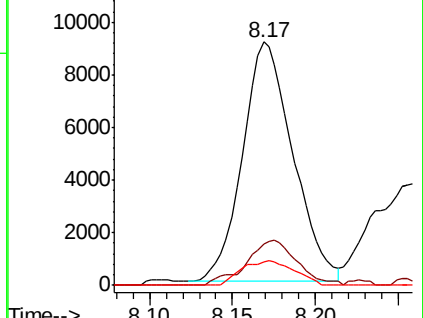
87 10.8 12.0 18.0#



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: 49.054 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054489.D

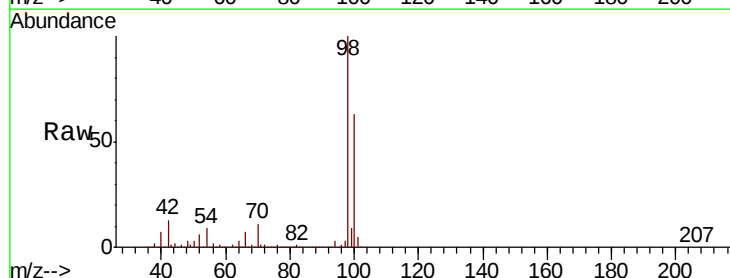
Acq: 21 Mar 2019 3:55

Tgt Ion: 98 Resp: 1341921

Ion Ratio Lower Upper

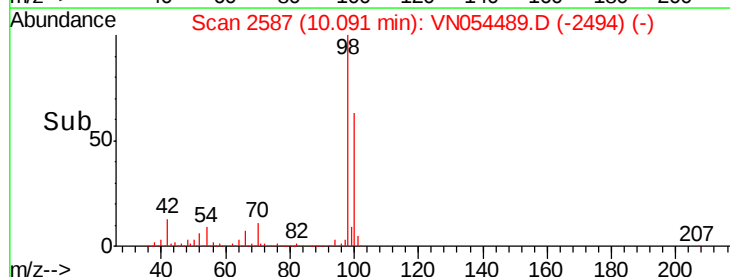
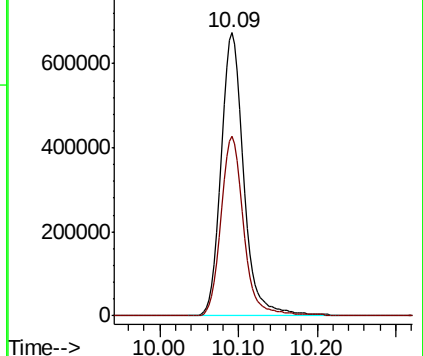
98 100

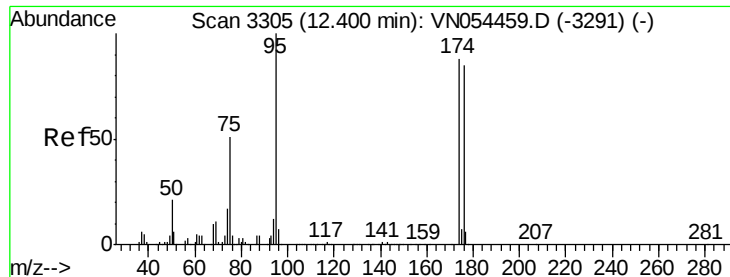
100 63.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 43.330 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054489.D

Acq: 21 Mar 2019 3:55

Instrument :

MSVOA_N

ClientSampleId :

JC-02-031919-H

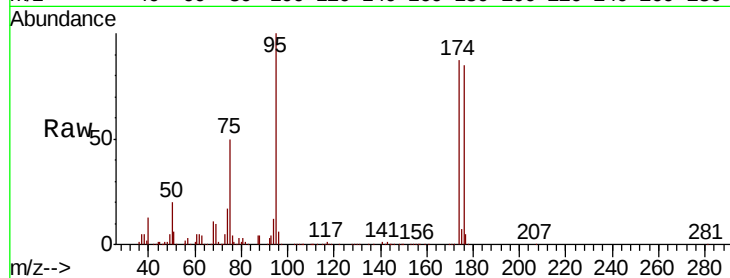
Tot Ion: 95 Resp: 403346

Ion Ratio Lower Upper

95 100

174 86.6 0.0 191.0

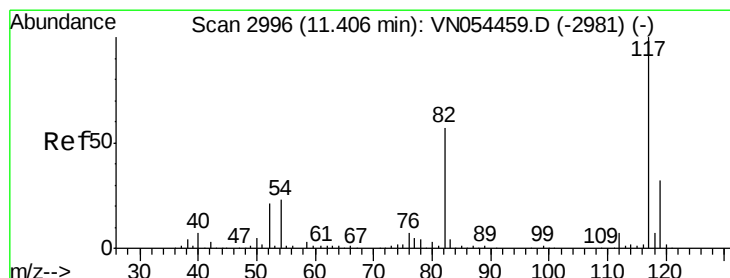
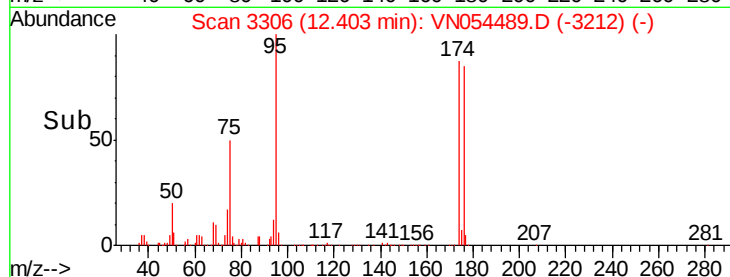
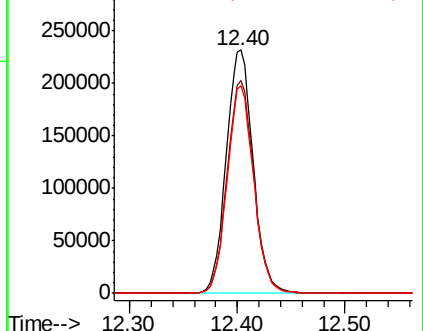
176 84.0 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054459.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN054459.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054459.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054489.D

Acq: 21 Mar 2019 3:55

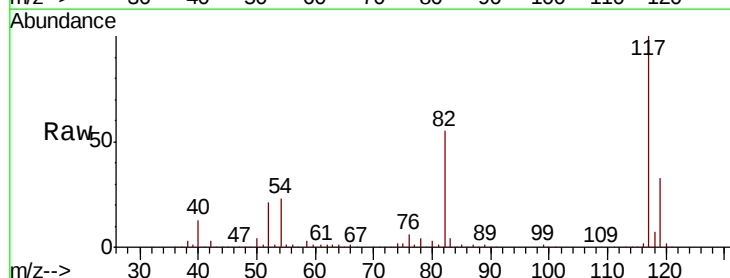
Tgt Ion: 117 Resp: 929489

Ion Ratio Lower Upper

117 100

82 55.5 40.0 60.0

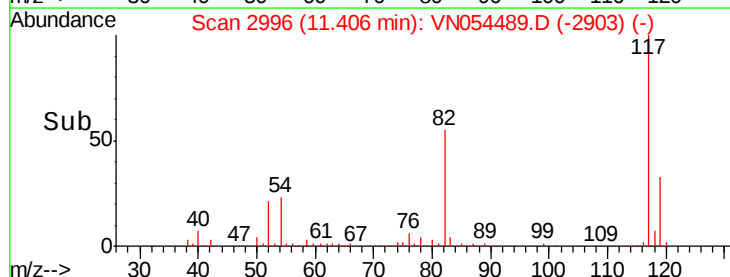
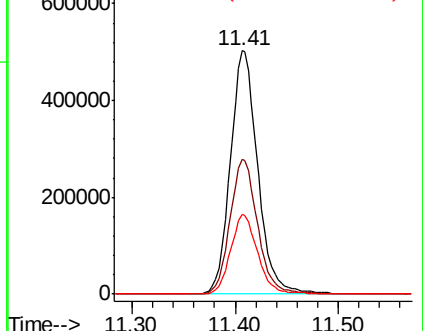
119 32.7 25.8 38.6

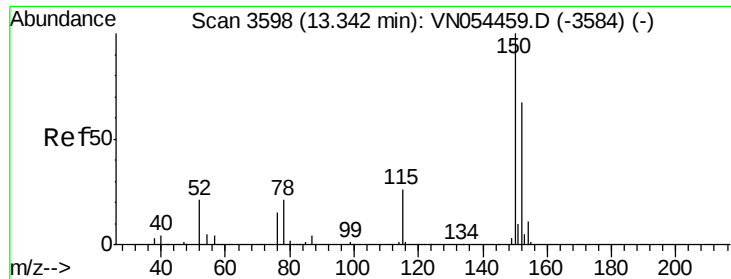


Abundance Ion 116.90 (116.60 to 117.60): VN054459.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN054459.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN054459.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054489.D

Acq: 21 Mar 2019 3:55

Instrument :

MSVOA_N

ClientSampleId :

JC-02-031919-H

Tot Ion:152 Resp: 328380

Ion Ratio Lower Upper

152 100

115 57.9 27.2 81.6

150 159.2 0.0 349.2

