

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032019\
 Data File : VN054488.D
 Acq On : 21 Mar 2019 3:28
 Operator : JC/SP
 Sample : K1688-38
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

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

Quant Time: Mar 22 06:48:24 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

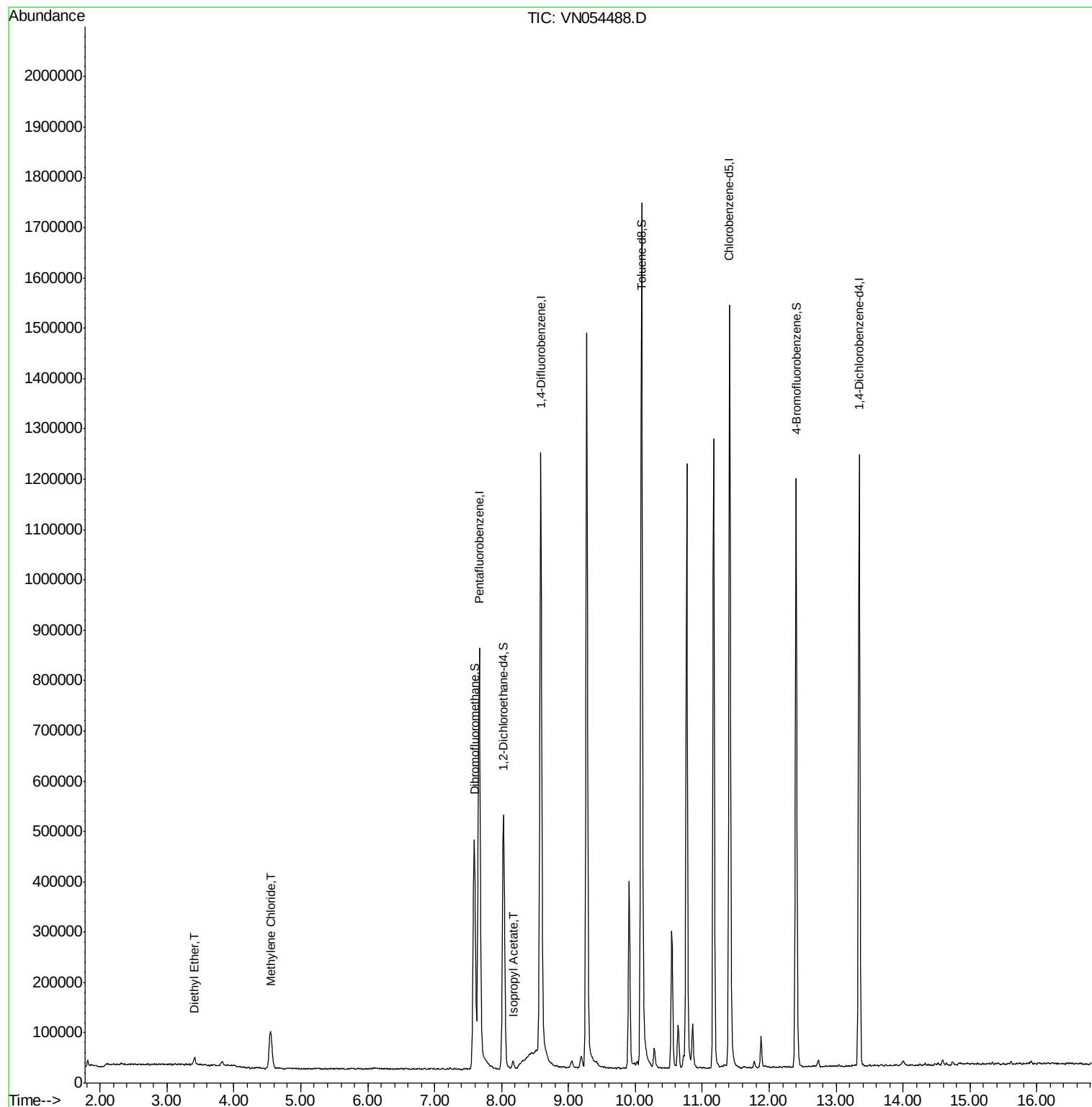
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	737035	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1124063	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	923563	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	331047	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	435816	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.08%	
35) Dibromofluoromethane	7.59	113	341810	47.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.40%	
50) Toluene-d8	10.09	98	1317444	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
62) 4-Bromofluorobenzene	12.40	95	411814	44.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.90%	
Target Compounds						
8) Diethyl Ether	3.41	74	6488	1.443	ug/l	67
20) Methylene Chloride	4.55	84	52124	6.415	ug/l #	82
43) Isopropyl Acetate	8.17	43	18599	1.473	ug/l #	86

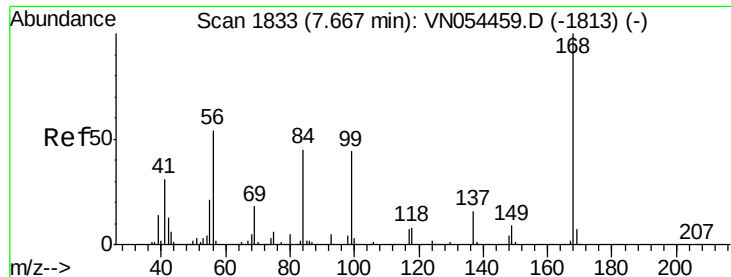
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054488.D

Acq: 21 Mar 2019 3:28

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ClientSampleId :

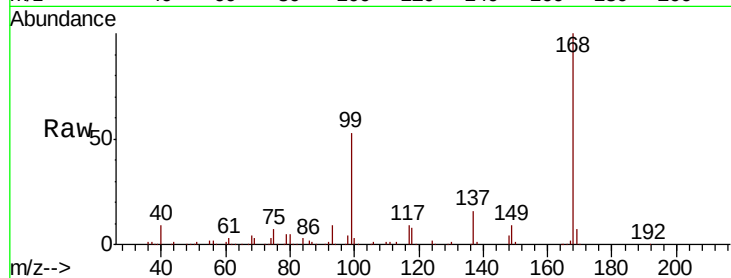
JC-02-031919-I

Tot Ion:168 Resp: 737035

Ion Ratio Lower Upper

168 100

99 53.1 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

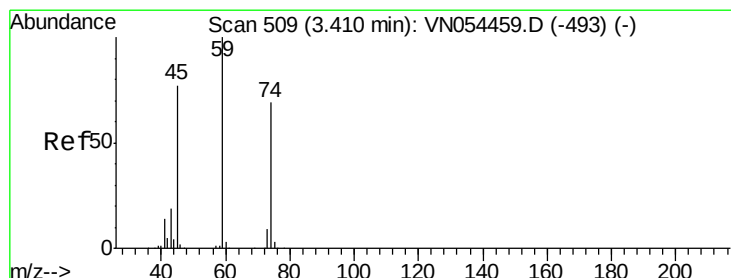
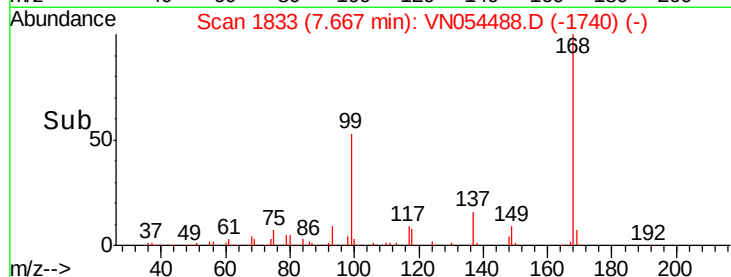
0

Time-->

7.60

7.70

7.80



#8

Diethyl Ether

Concen: 1.443 ug/l

RT: 3.41 min Scan# 510

Delta R.T. 0.00 min

Lab File: VN054488.D

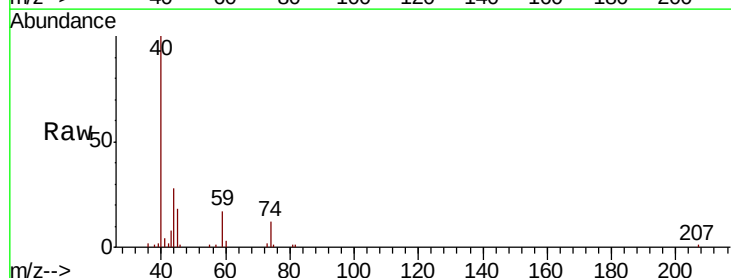
Acq: 21 Mar 2019 3:28

Tgt Ion: 74 Resp: 6488

Ion Ratio Lower Upper

74 100

45 116.6 43.1 129.4



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0

3.41

5000

4000

3000

2000

1000

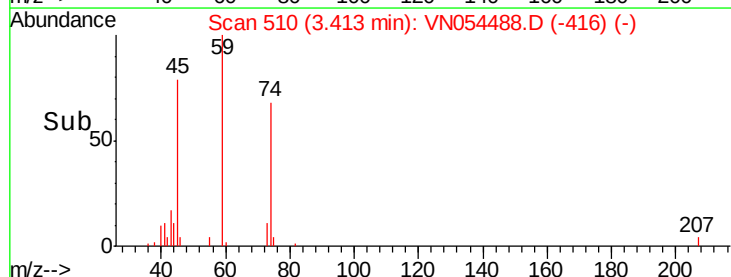
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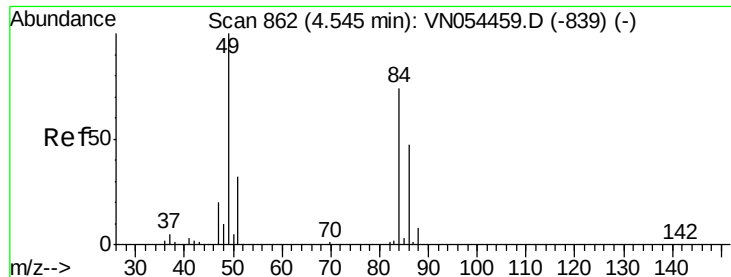
Time-->

3.35

3.40

3.45

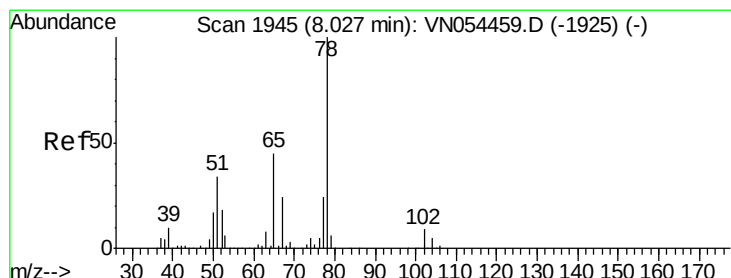
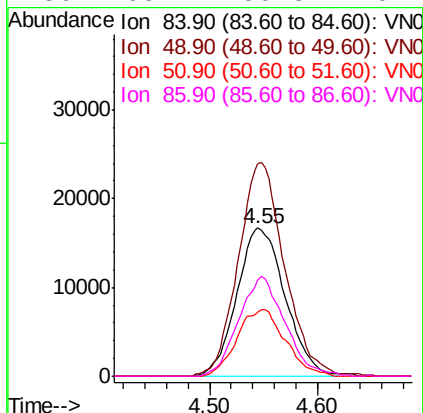
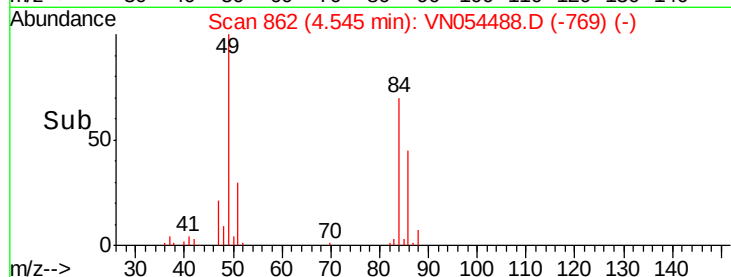
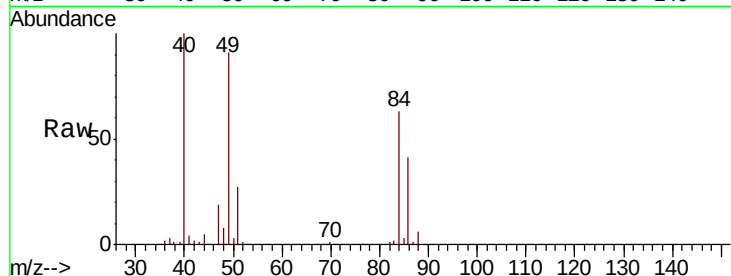




#20
Methylene Chloride
Concen: 6.415 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN054488.D
Acq: 21 Mar 2019 3:28

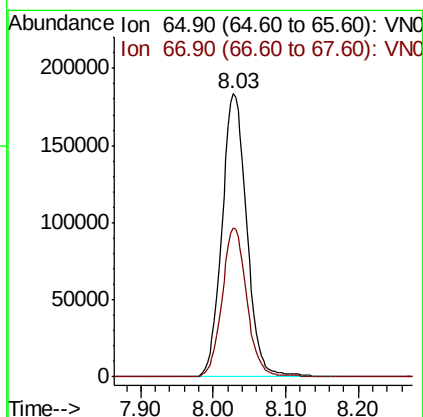
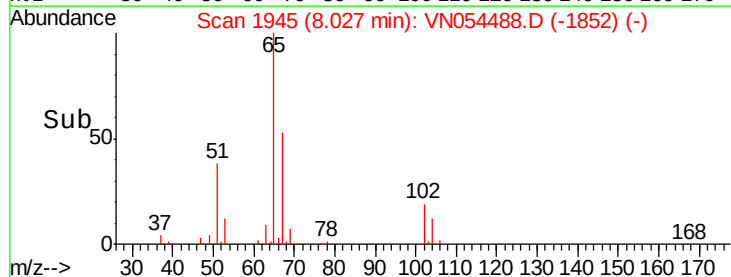
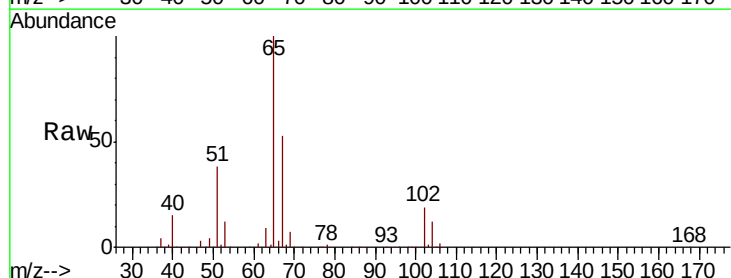
Instrument :
MSVOA_N
ClientSampleId :
JC-02-031919-I

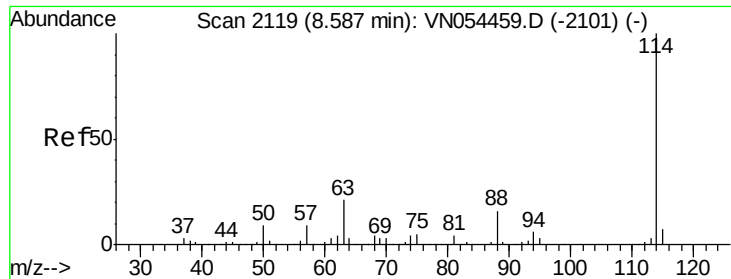
Tot Ion: 84 Resp: 52124
Ion Ratio Lower Upper
84 100
49 143.3 89.7 134.5#
51 43.2 28.2 42.4#
86 65.1 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 47.539 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054488.D
Acq: 21 Mar 2019 3:28

Tgt Ion: 65 Resp: 435816
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.6

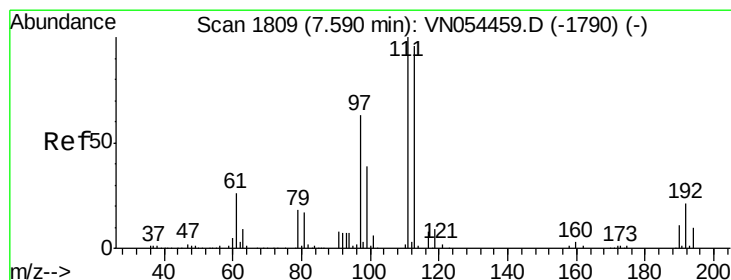
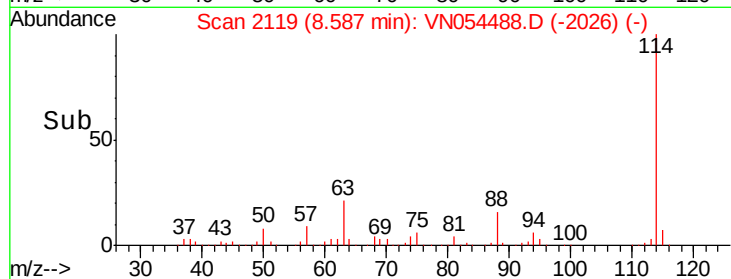
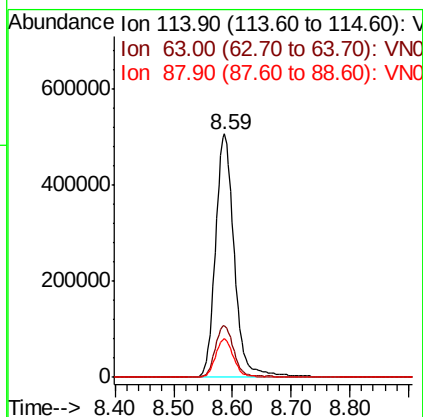
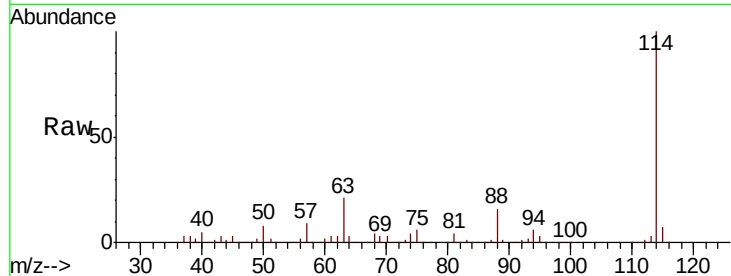




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054488.D
 Acq: 21 Mar 2019 3:28

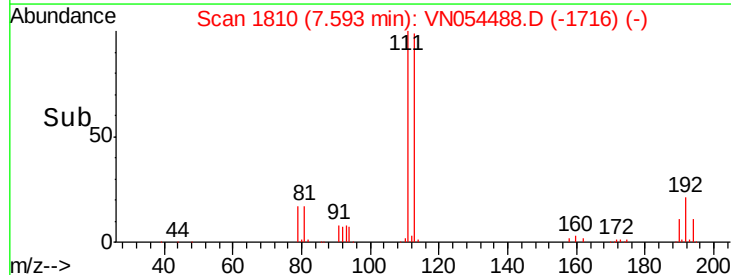
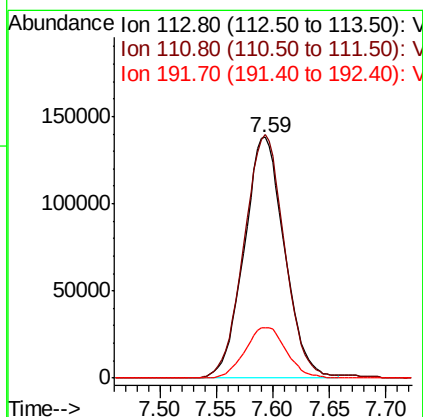
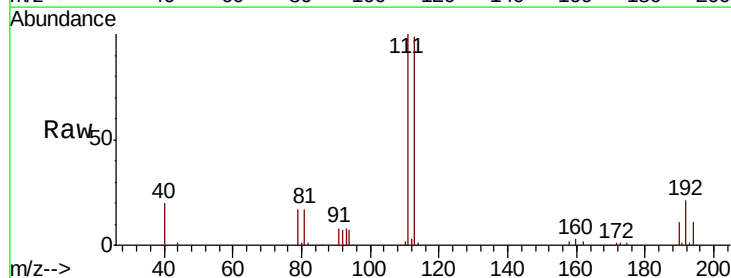
Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-031919-I

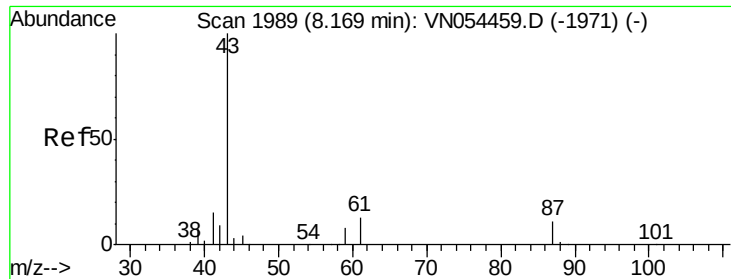
Tot Ion:114 Resp: 1124063
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 35.2
 88 15.8 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 47.200 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054488.D
 Acq: 21 Mar 2019 3:28

Tgt Ion:113 Resp: 341810
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.2 123.4
 192 21.6 19.2 28.8





#43

Isopropyl Acetate

Concen: 1.473 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054488.D

Acq: 21 Mar 2019 3:28

Instrument :

MSVOA_N

ClientSampleId :

JC-02-031919-I

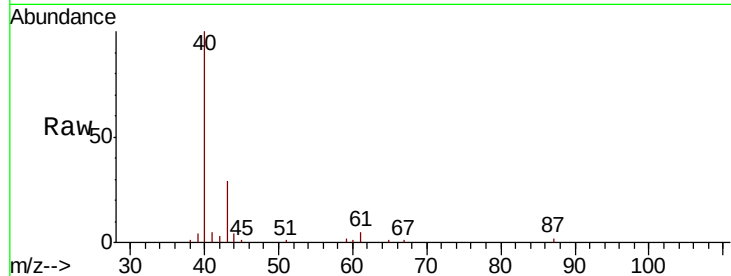
Tot Ion: 43 Resp: 18599

Ion Ratio Lower Upper

43 100

61 16.9 15.8 23.8

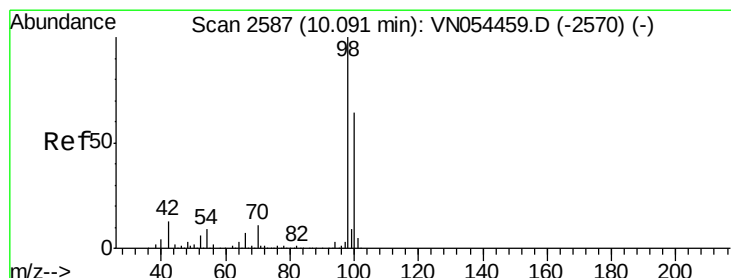
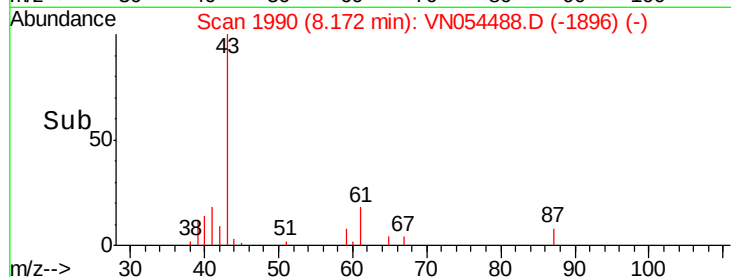
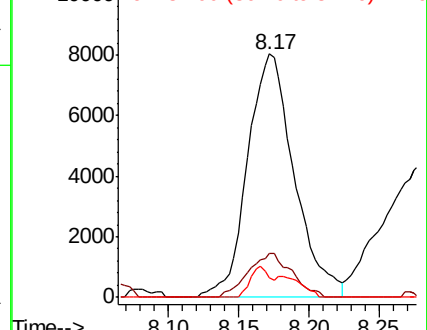
87 5.5 12.0 18.0#



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: 48.392 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054488.D

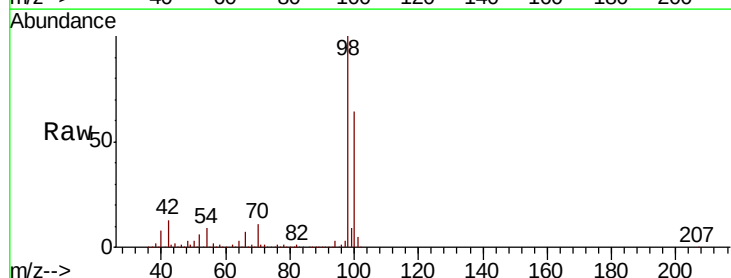
Acq: 21 Mar 2019 3:28

Tgt Ion: 98 Resp: 1317444

Ion Ratio Lower Upper

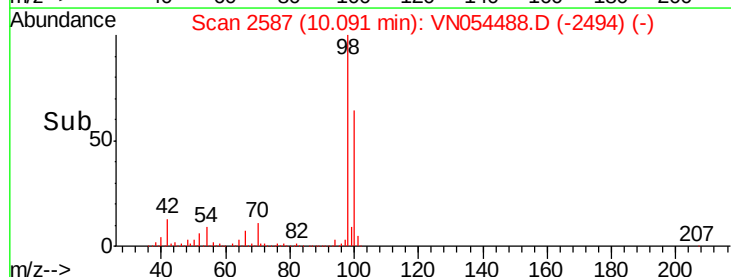
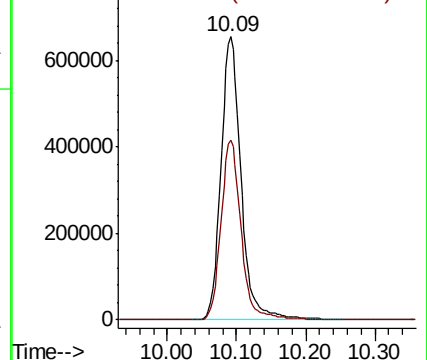
98 100

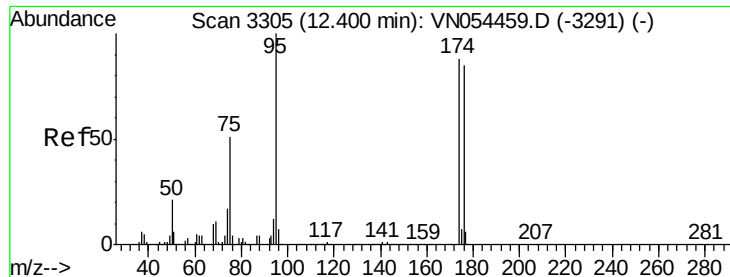
100 63.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 44.453 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054488.D

Acq: 21 Mar 2019 3:28

Instrument :

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ClientSampleId :

JC-02-031919-I

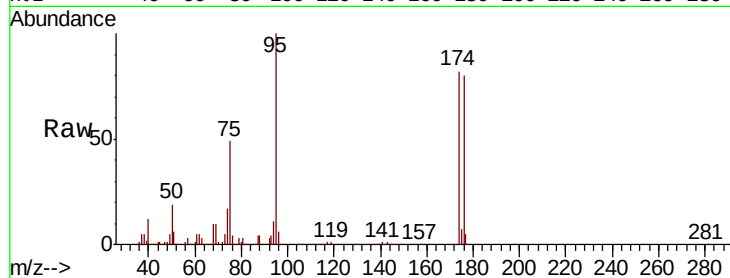
Tot Ion: 95 Resp: 411814

Ion Ratio Lower Upper

95 100

174 83.5 0.0 191.0

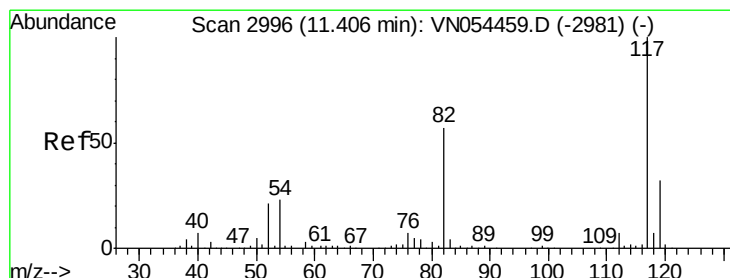
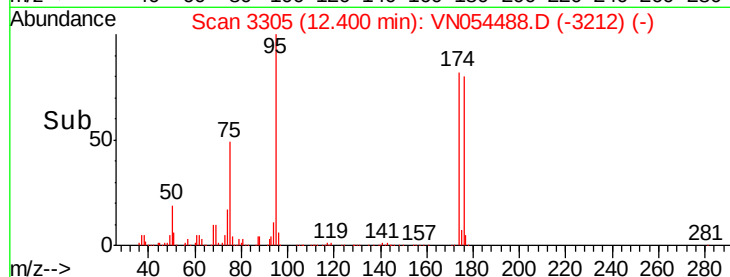
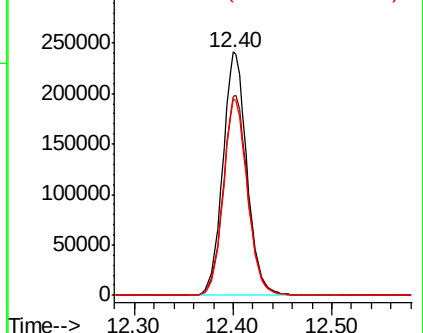
176 80.5 0.0 187.4



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# 2997

Delta R.T. 0.00 min

Lab File: VN054488.D

Acq: 21 Mar 2019 3:28

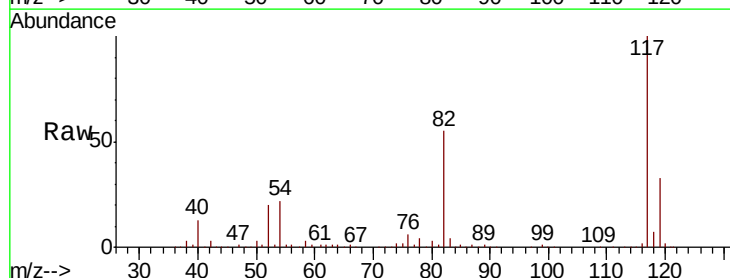
Tgt Ion: 117 Resp: 923563

Ion Ratio Lower Upper

117 100

82 55.5 40.0 60.0

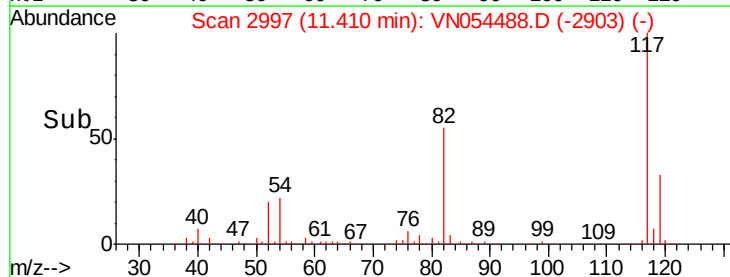
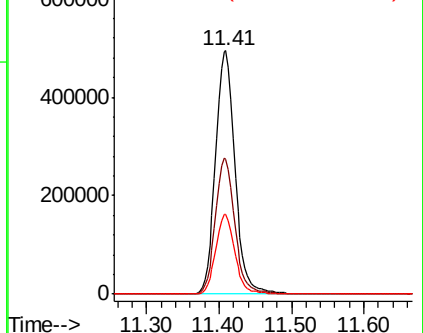
119 32.7 25.8 38.6

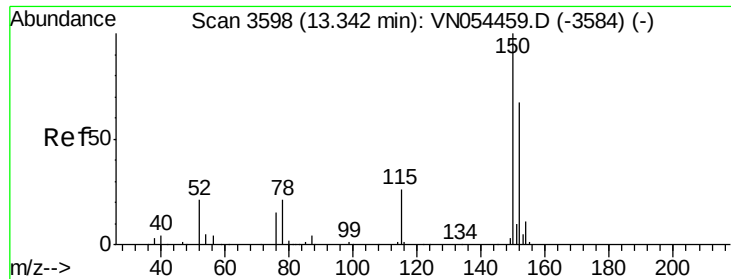


Abundance Ion 116.90 (116.60 to 117.60): VN0

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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054488.D

Acq: 21 Mar 2019 3:28

Instrument :

MSVOA_N

ClientSampleId :

JC-02-031919-I

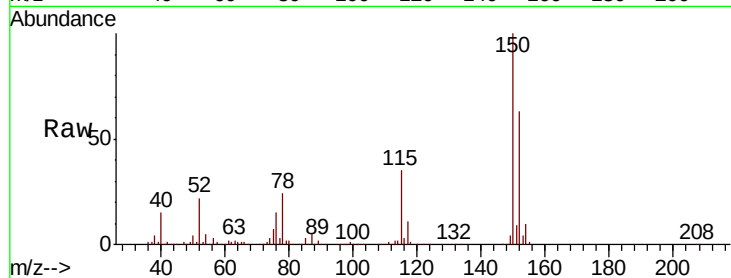
Tot Ion:152 Resp: 331047

Ion Ratio Lower Upper

152 100

115 57.1 27.2 81.6

150 157.1 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

