

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032019\
 Data File : VN054501.D
 Acq On : 21 Mar 2019 9:25
 Operator : JC/SP
 Sample : K1943-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20190133-LOC-10

Quant Time: Mar 22 07:25:46 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

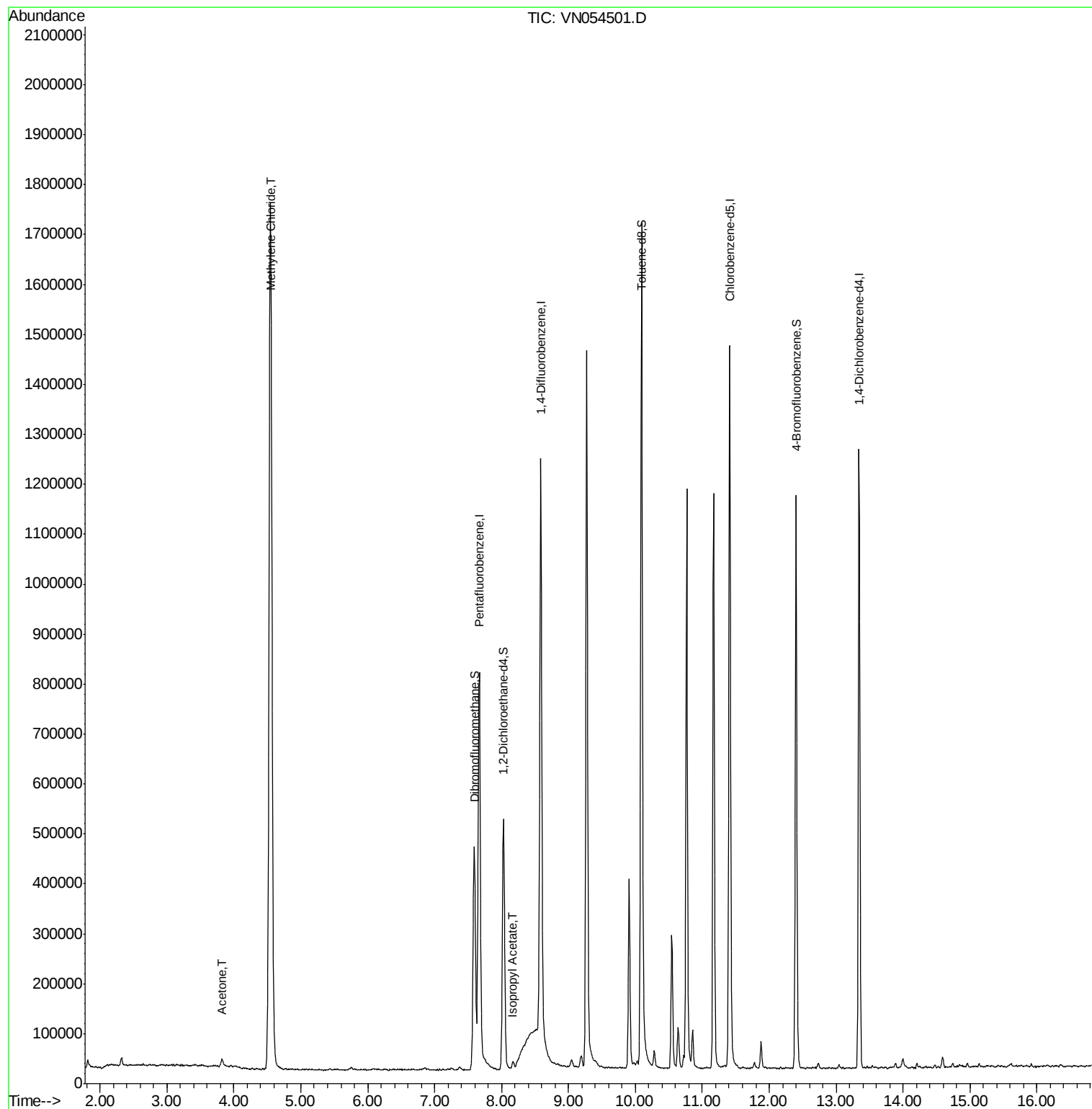
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	684681	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1098258	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	900297	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	330723	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	433233	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
35) Dibromofluoromethane	7.59	113	341875	48.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.64%	
50) Toluene-d8	10.09	98	1292912	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.22%	
62) 4-Bromofluorobenzene	12.40	95	395211m	43.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.32%	
Target Compounds						
16) Acetone	3.82	43	24389	9.525	ug/l #	84
20) Methylene Chloride	4.55	84	1232393	163.281	ug/l #	84
43) Isopropyl Acetate	8.17	43	18330	1.486	ug/l #	93

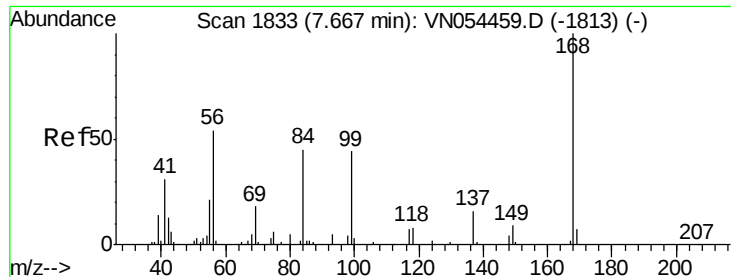
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032019\
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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: VN054501.D

Acq: 21 Mar 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

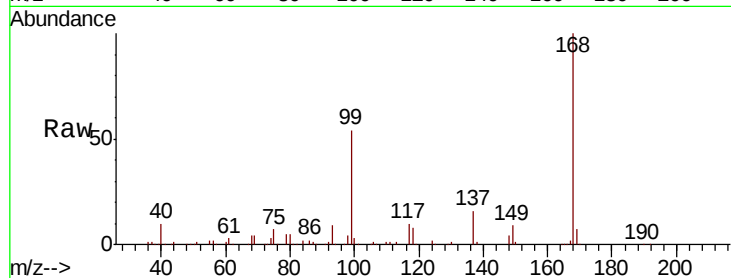
20190133-LOC-10

Tot Ion:168 Resp: 684681

Ion Ratio Lower Upper

168 100

99 54.4 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054459.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN054459.D (-1813) (-)

7.67

300000

250000

200000

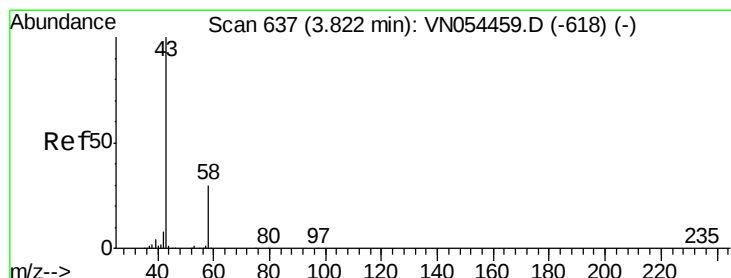
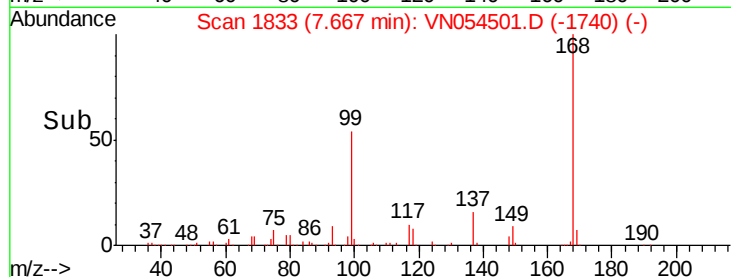
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#16

Acetone

Concen: 9.525 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN054501.D

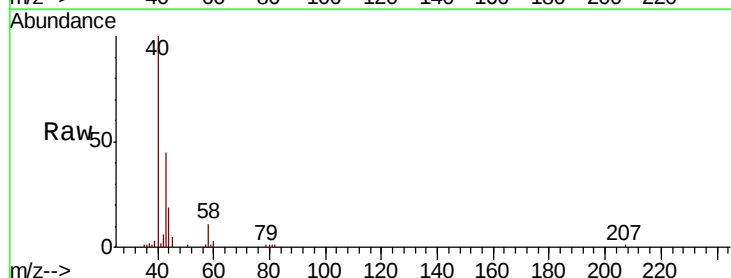
Acq: 21 Mar 2019 9:25

Tgt Ion: 43 Resp: 24389

Ion Ratio Lower Upper

43 100

58 27.6 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VN054459.D (-618) (-)

Ion 58.00 (57.70 to 58.70): VN054459.D (-618) (-)

3.82

12000

10000

8000

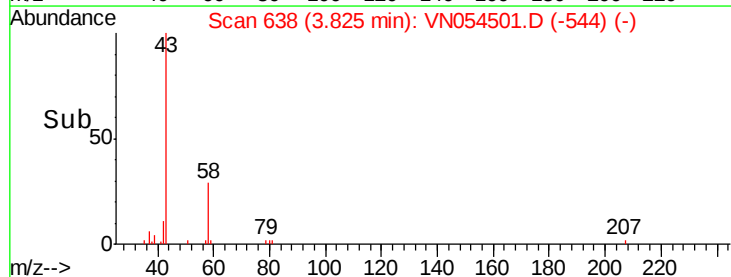
6000

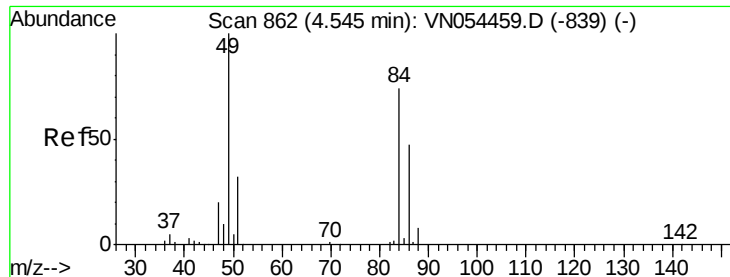
4000

2000

0

Time--> 3.75 3.80 3.85 3.90

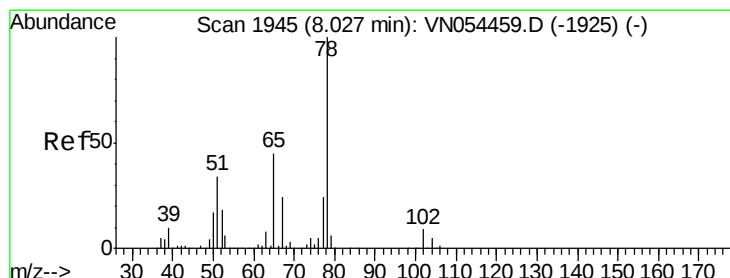
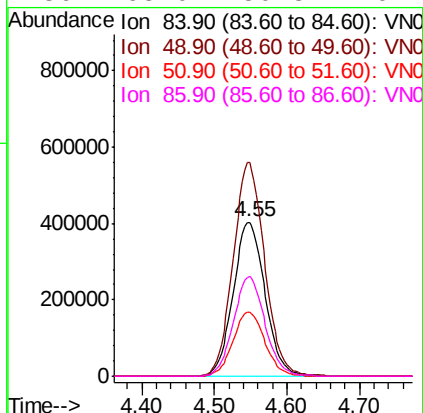
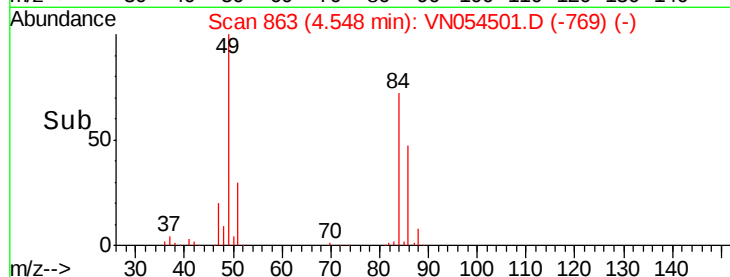
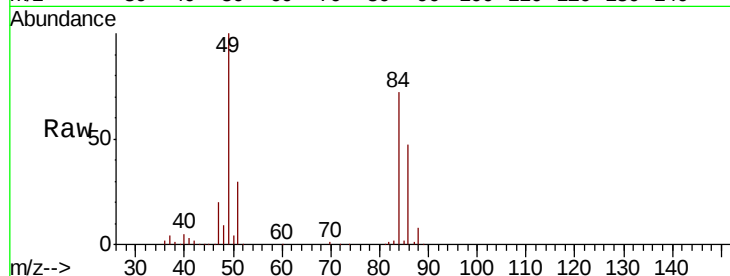




#20
Methylene Chloride
Concen: 163.281 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054501.D
Acq: 21 Mar 2019 9:25

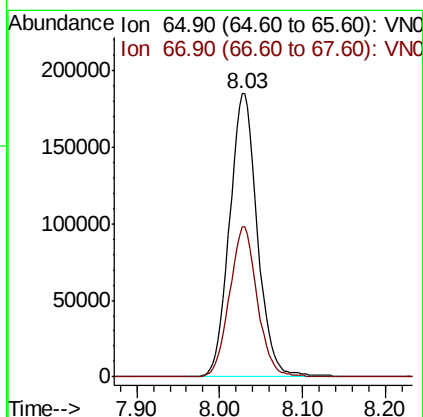
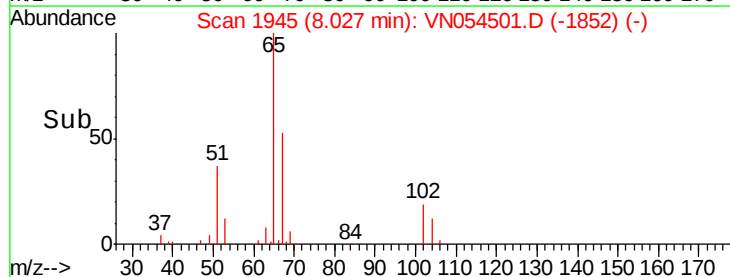
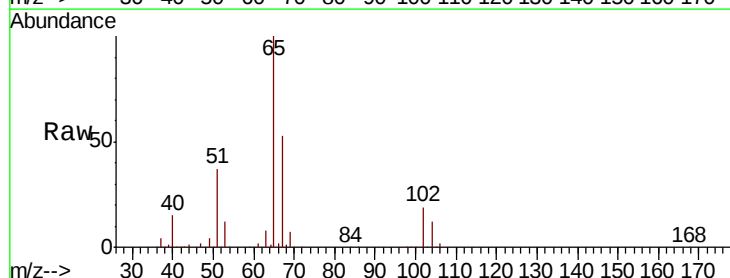
Instrument :
MSVOA_N
ClientSampleId :
20190133-LOC-10

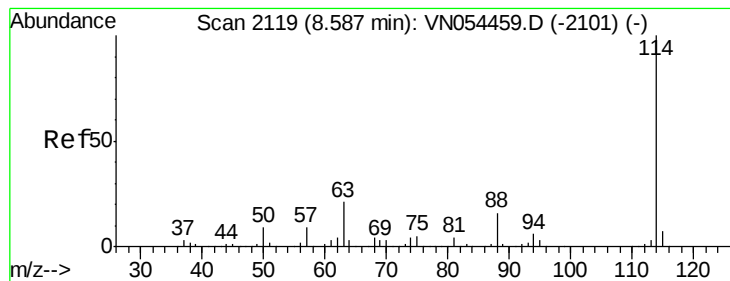
Tot Ion: 84 Resp: 1232393
Ion Ratio Lower Upper
84 100
49 139.0 89.7 134.5#
51 41.9 28.2 42.4
86 65.0 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 50.871 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN054501.D
Acq: 21 Mar 2019 9:25

Tgt Ion: 65 Resp: 433233
Ion Ratio Lower Upper
65 100
67 52.7 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: VN054501.D

Acq: 21 Mar 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

20190133-LOC-10

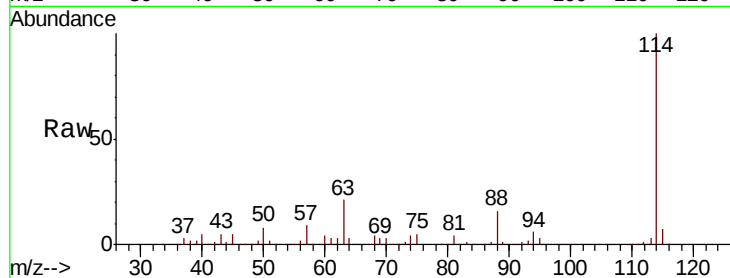
Tot Ion:114 Resp: 1098258

Ion Ratio Lower Upper

114 100

63 21.4 0.0 35.2

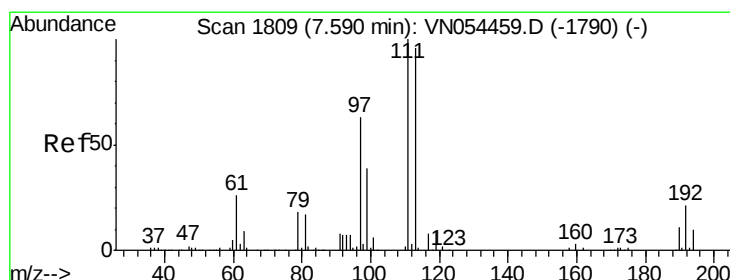
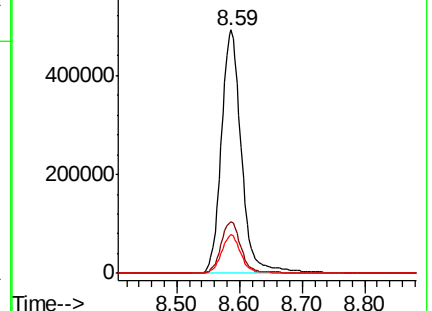
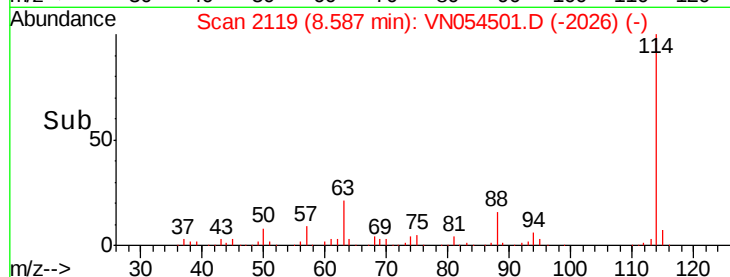
88 15.8 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 48.318 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN054501.D

Acq: 21 Mar 2019 9:25

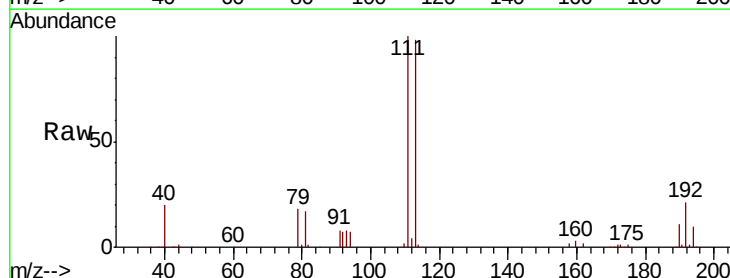
Tgt Ion:113 Resp: 341875

Ion Ratio Lower Upper

113 100

111 100.6 82.2 123.4

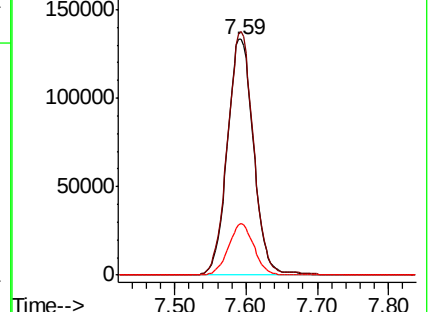
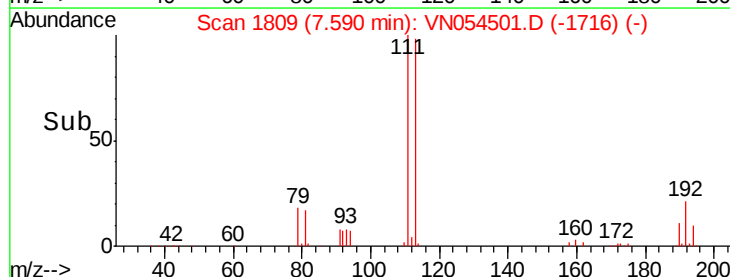
192 21.1 19.2 28.8

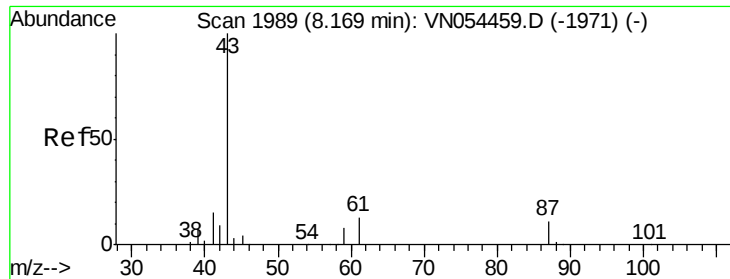


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.486 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN054501.D

Acq: 21 Mar 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

20190133-LOC-10

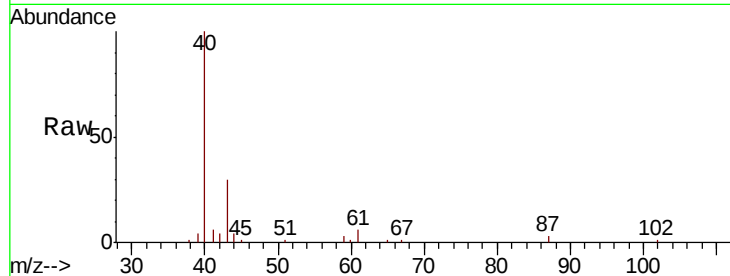
Tot Ion: 43 Resp: 18330

Ion Ratio Lower Upper

43 100

61 17.4 15.8 23.8

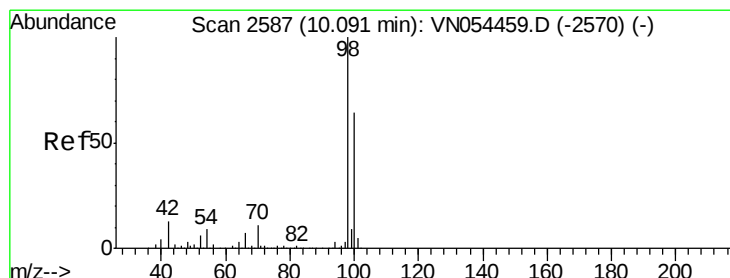
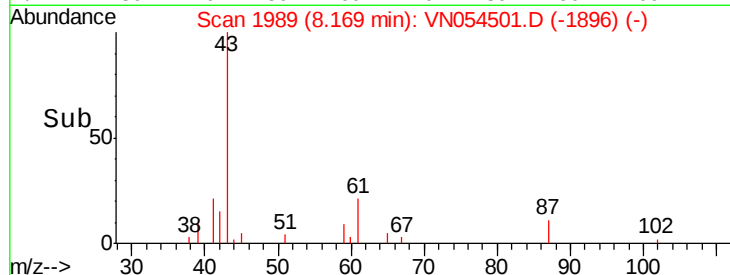
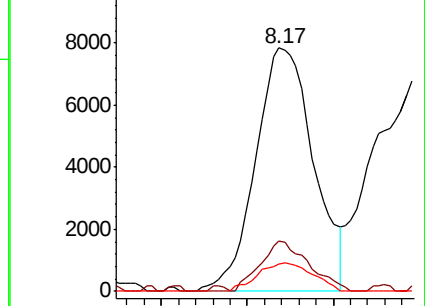
87 11.0 12.0 18.0#



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: 48.606 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054501.D

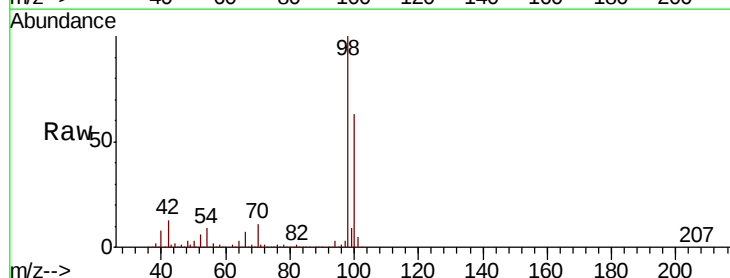
Acq: 21 Mar 2019 9:25

Tgt Ion: 98 Resp: 1292912

Ion Ratio Lower Upper

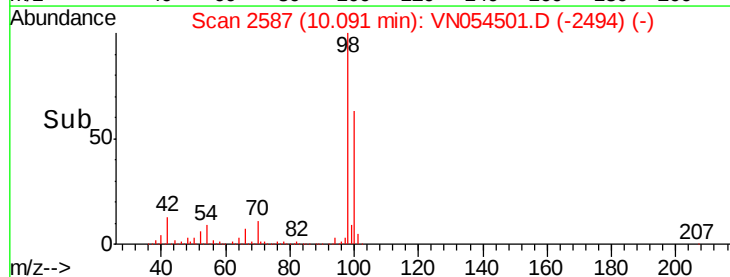
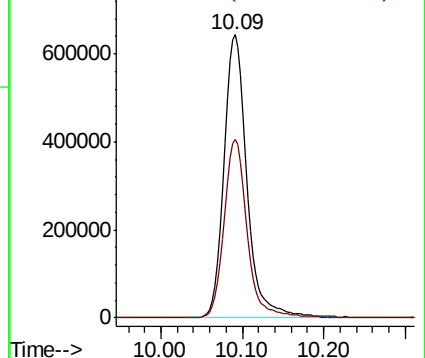
98 100

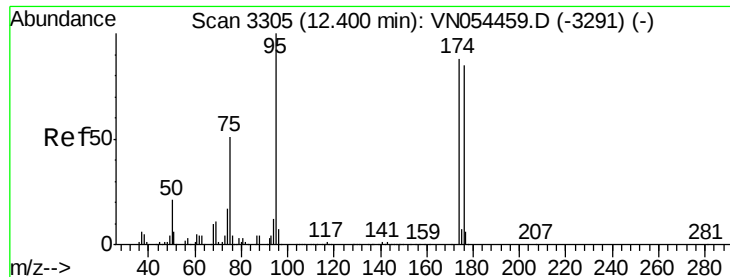
100 63.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 43.663 ug/l m

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054501.D

Acq: 21 Mar 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

20190133-LOC-10

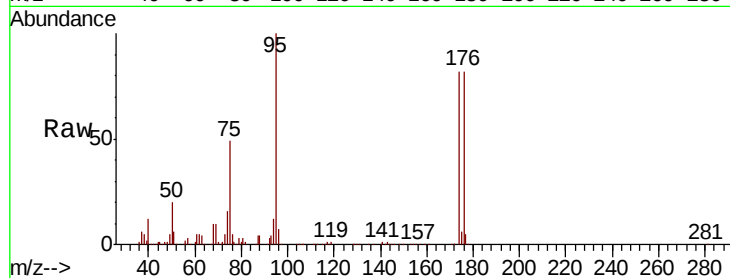
Tot Ion: 95 Resp: 395211

Ion Ratio Lower Upper

95 100

174 0.0 0.0 191.0

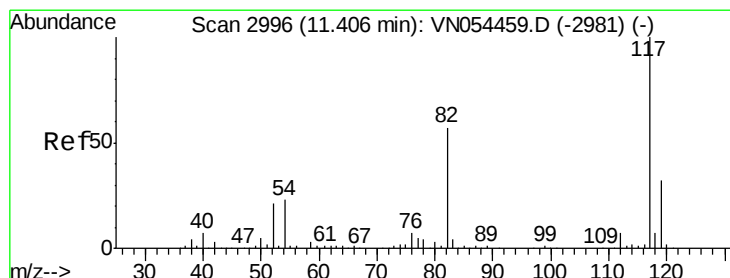
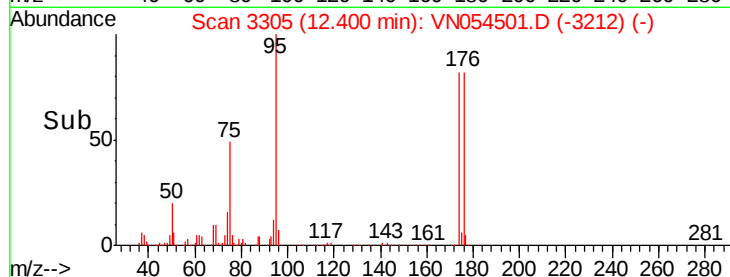
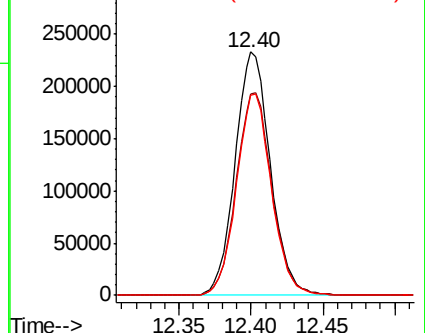
176 0.0 0.0 187.4



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# 2997

Delta R.T. 0.00 min

Lab File: VN054501.D

Acq: 21 Mar 2019 9:25

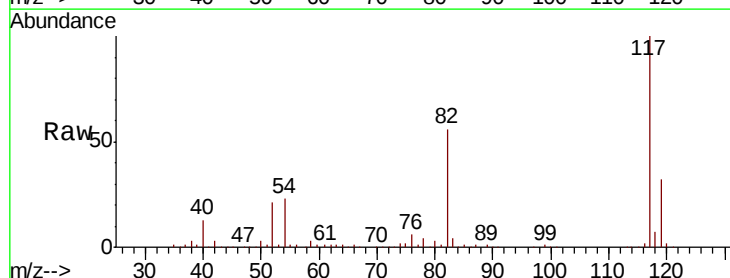
Tgt Ion: 117 Resp: 900297

Ion Ratio Lower Upper

117 100

82 56.2 40.0 60.0

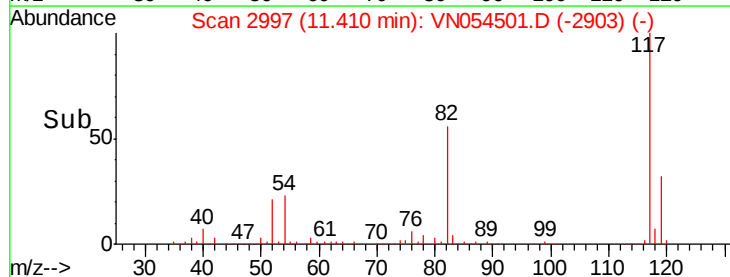
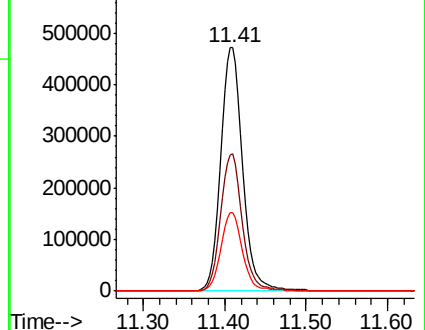
119 32.4 25.8 38.6

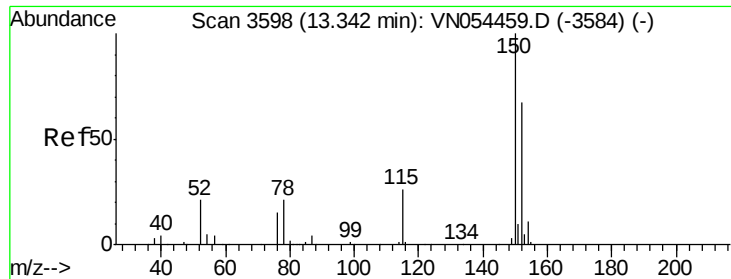


Abundance Ion 116.90 (116.60 to 117.60): VN054459.D (-2981) (-)

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: VN054501.D

Acq: 21 Mar 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

20190133-LOC-10

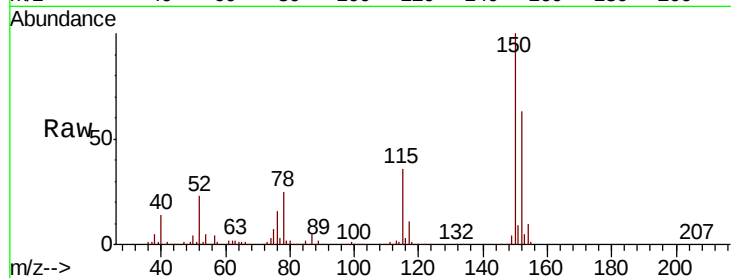
Tot Ion:152 Resp: 330723

Ion Ratio Lower Upper

152 100

115 57.4 27.2 81.6

150 157.4 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

