

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032019\
 Data File : VN054499.D
 Acq On : 21 Mar 2019 8:30
 Operator : JC/SP
 Sample : K1943-17
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20190130-LOC-7

Quant Time: Mar 22 07:21:44 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

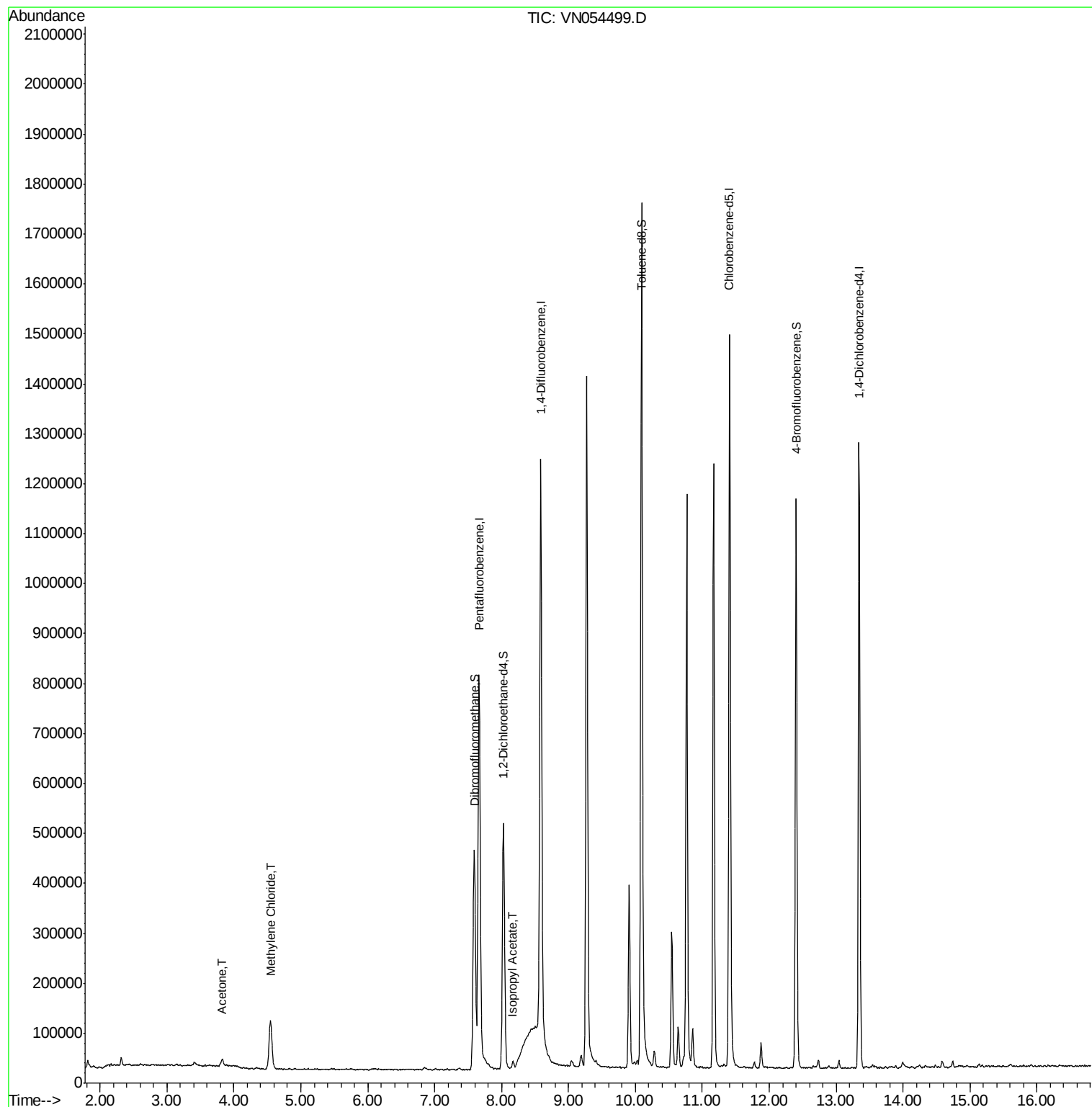
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	703452	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1090896	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	906223	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	338205	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	428023	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	
35) Dibromofluoromethane	7.59	113	331520	47.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.34%	
50) Toluene-d8	10.09	98	1297629	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.22%	
62) 4-Bromofluorobenzene	12.40	95	404623	45.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.00%	
Target Compounds						
16) Acetone	3.82	43	23879	9.077	ug/l	88
20) Methylene Chloride	4.55	84	70555	9.098	ug/l	90
43) Isopropyl Acetate	8.17	43	17858	1.458	ug/l	97

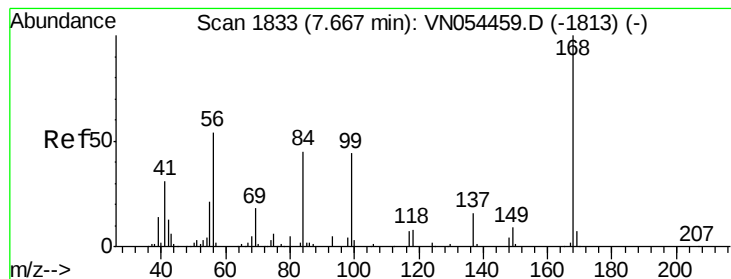
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: VN054499.D

Acq: 21 Mar 2019 8:30

Instrument :

MSVOA_N

ClientSampleId :

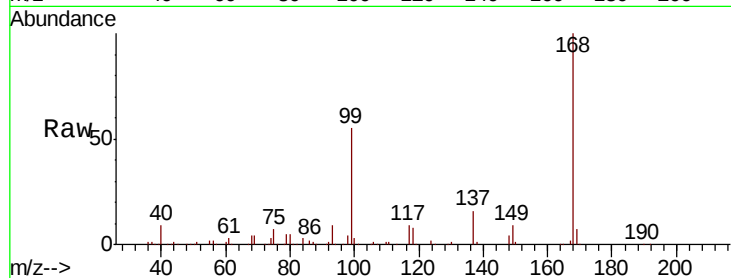
20190130-LOC-7

Tot Ion:168 Resp: 703452

Ion Ratio Lower Upper

168 100

99 54.6 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

250000

200000

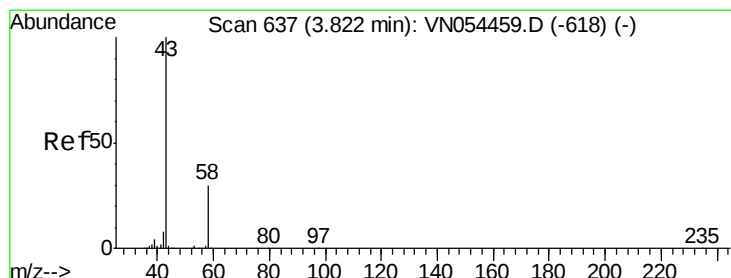
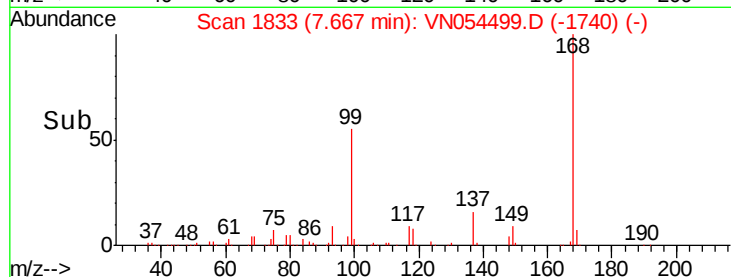
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 9.077 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN054499.D

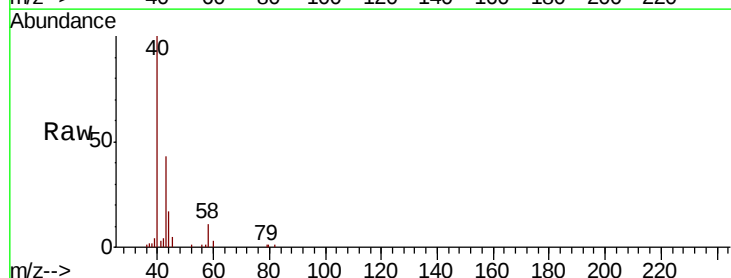
Acq: 21 Mar 2019 8:30

Tgt Ion: 43 Resp: 23879

Ion Ratio Lower Upper

43 100

58 30.3 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

12000

10000

8000

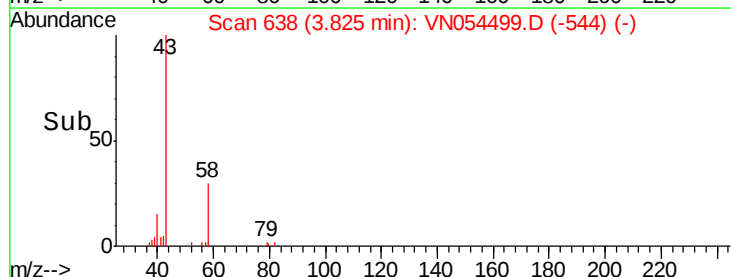
6000

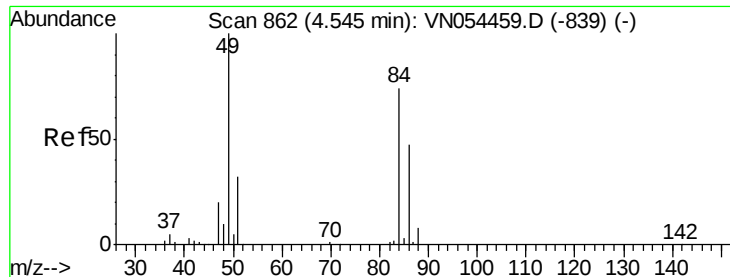
4000

2000

0

Time-->

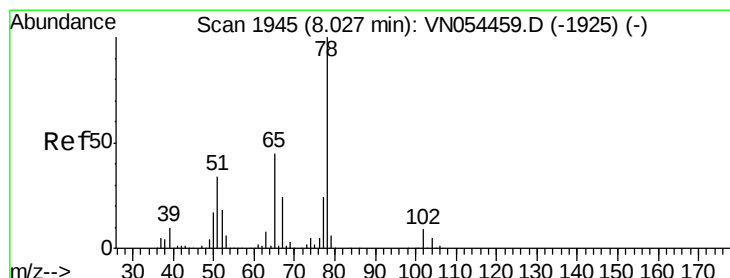
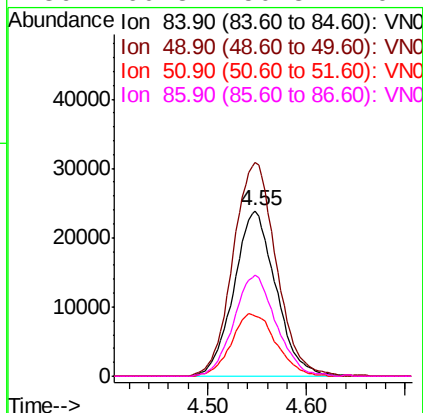
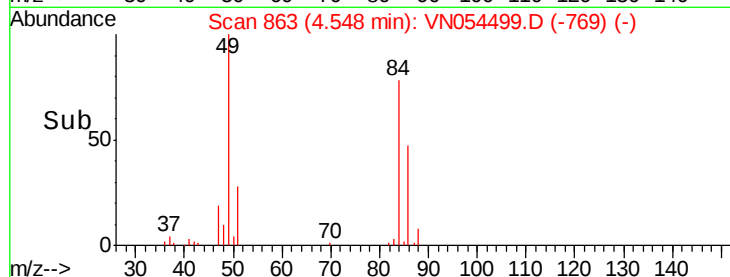
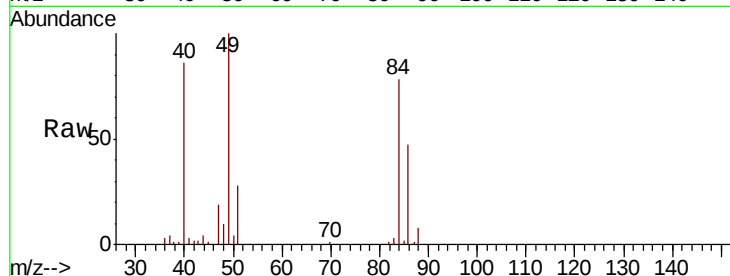




#20
Methylene Chloride
Concen: 9.098 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054499.D
Acq: 21 Mar 2019 8:30

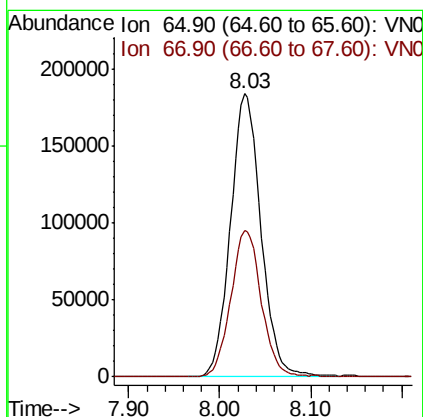
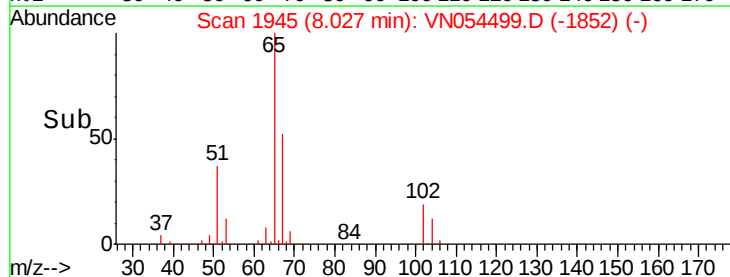
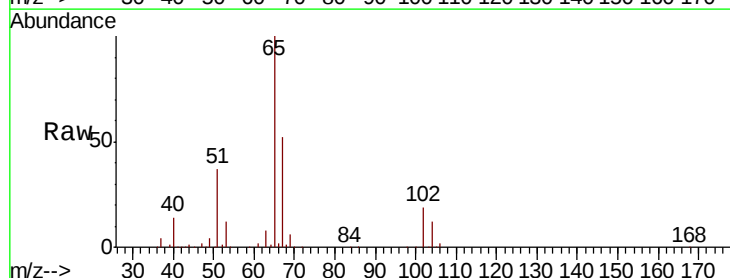
Instrument :
MSVOA_N
ClientSampleId :
20190130-LOC-7

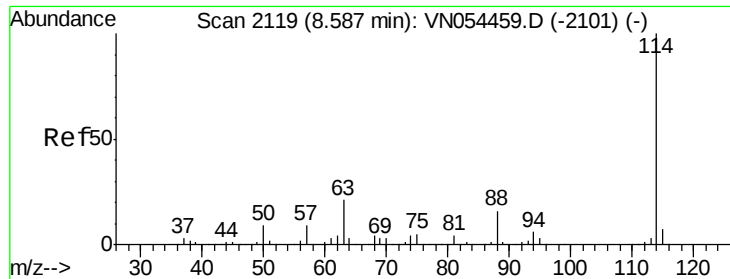
Tot Ion: 84 Resp: 70555
Ion Ratio Lower Upper
84 100
49 129.0 89.7 134.5
51 36.6 28.2 42.4
86 60.8 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 48.918 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN054499.D
Acq: 21 Mar 2019 8:30

Tgt Ion: 65 Resp: 428023
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.6

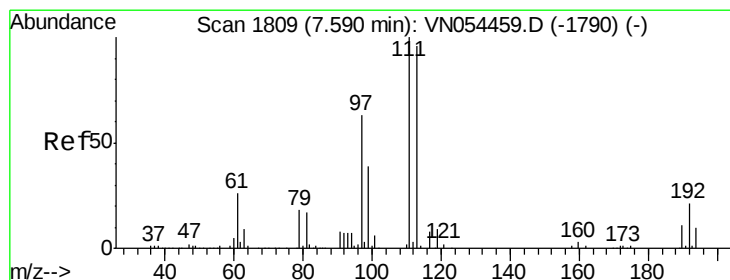
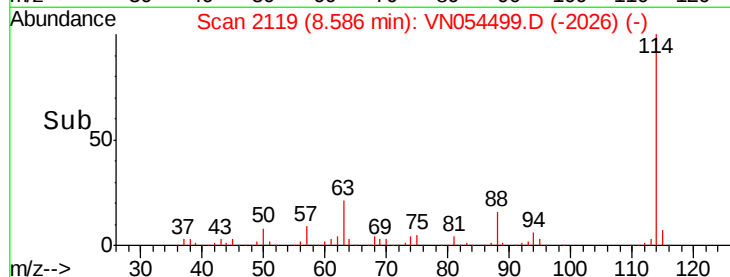
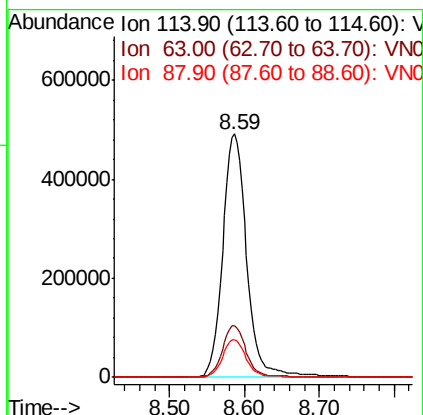
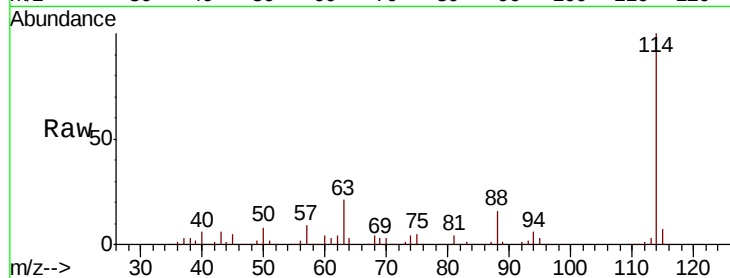




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054499.D
 Acq: 21 Mar 2019 8:30

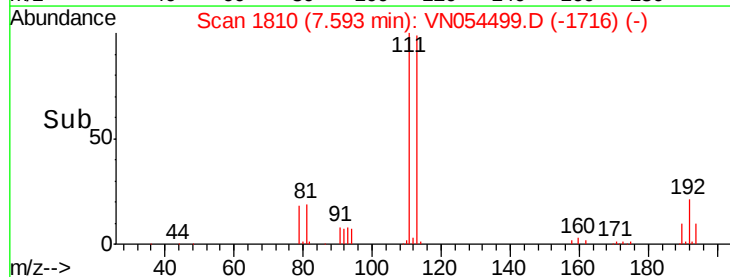
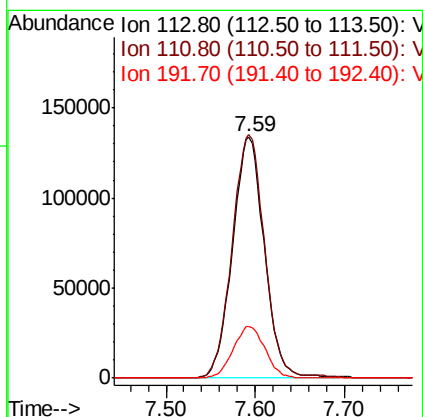
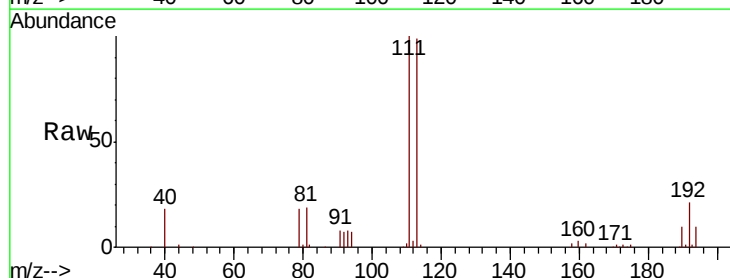
Instrument :
 MSVOA_N
 ClientSampleId :
 20190130-LOC-7

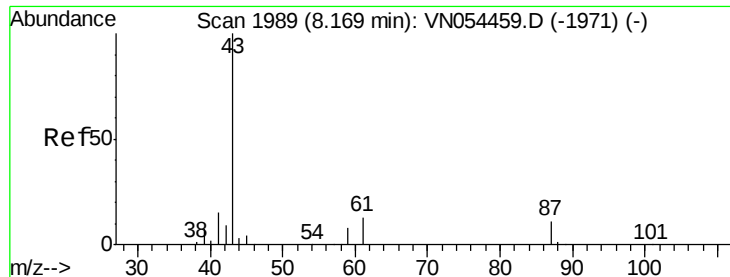
Tot Ion:114 Resp: 1090896
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 35.2
 88 15.6 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 47.171 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054499.D
 Acq: 21 Mar 2019 8:30

Tgt Ion:113 Resp: 331520
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.2 123.4
 192 21.7 19.2 28.8





#43

Isopropyl Acetate

Concen: 1.458 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054499.D

Acq: 21 Mar 2019 8:30

Instrument :

MSVOA_N

ClientSampleId :

20190130-LOC-7

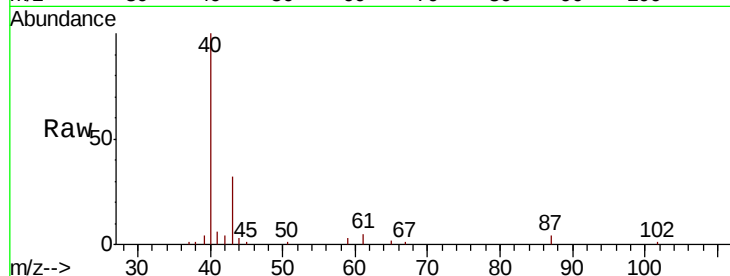
Tot Ion: 43 Resp: 17858

Ion Ratio Lower Upper

43 100

61 19.2 15.8 23.8

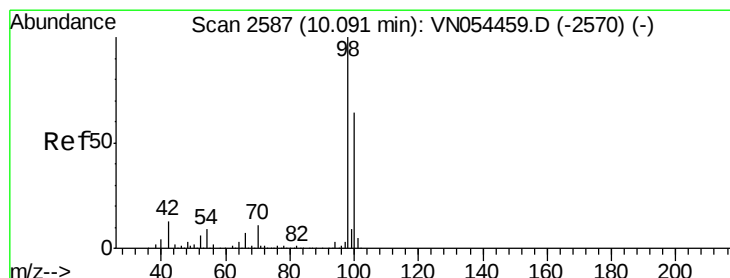
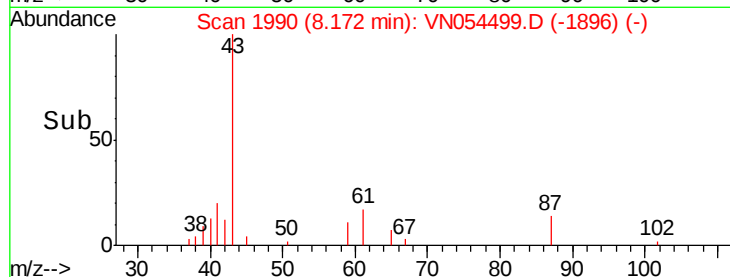
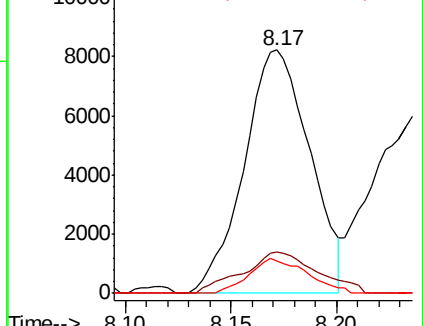
87 12.6 12.0 18.0



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: 49.113 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054499.D

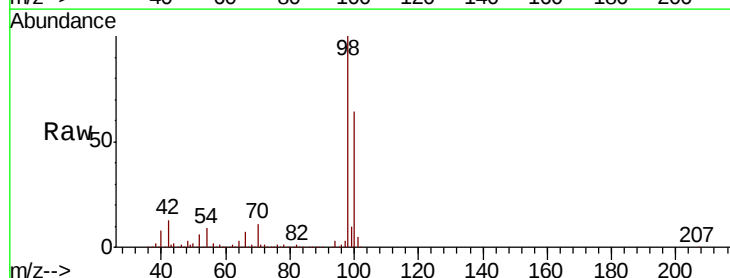
Acq: 21 Mar 2019 8:30

Tgt Ion: 98 Resp: 1297629

Ion Ratio Lower Upper

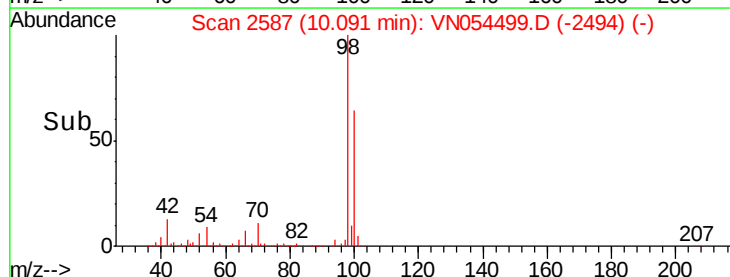
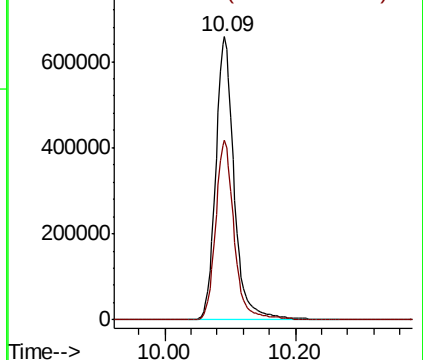
98 100

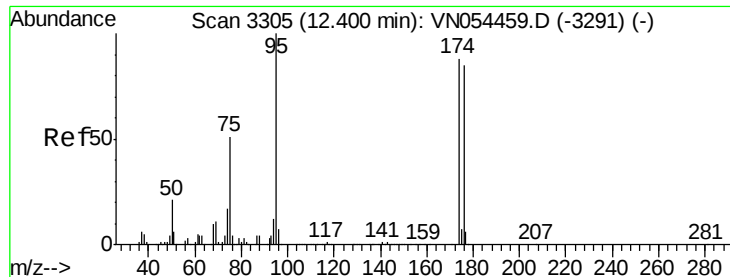
100 63.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 45.005 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054499.D

Acq: 21 Mar 2019 8:30

Instrument :

MSVOA_N

ClientSampleId :

20190130-LOC-7

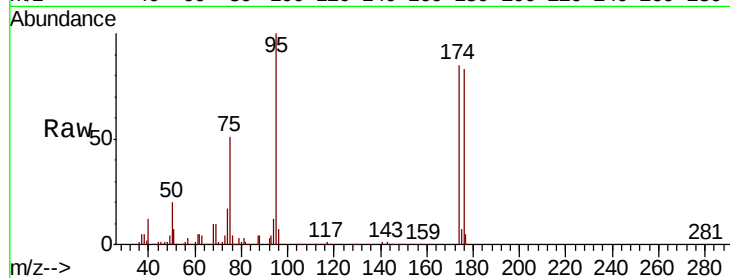
Tot Ion: 95 Resp: 404623

Ion Ratio Lower Upper

95 100

174 83.9 0.0 191.0

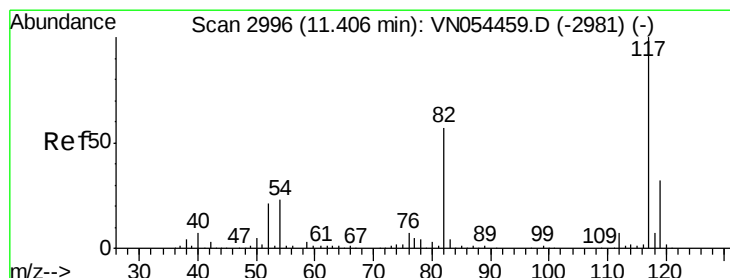
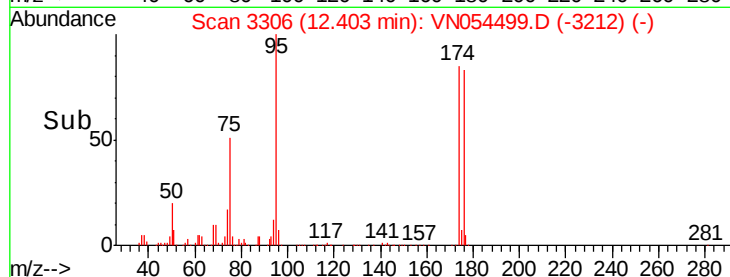
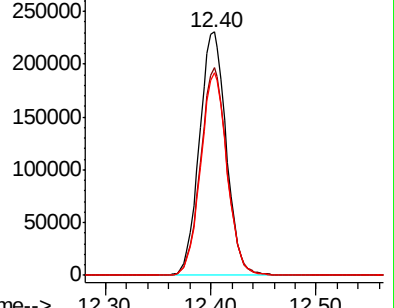
176 81.7 0.0 187.4



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: VN054499.D

Acq: 21 Mar 2019 8:30

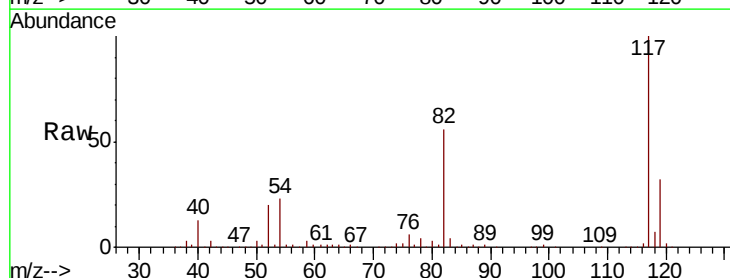
Tgt Ion: 117 Resp: 906223

Ion Ratio Lower Upper

117 100

82 56.3 40.0 60.0

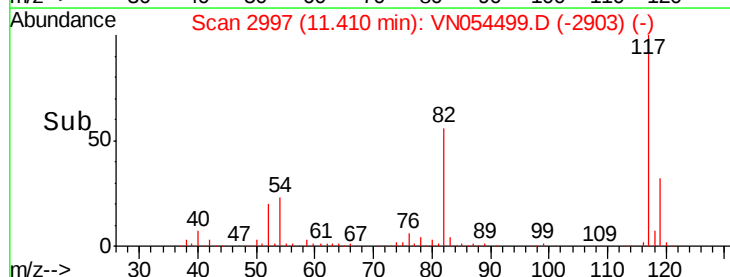
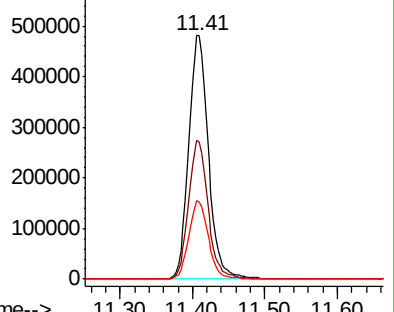
119 31.8 25.8 38.6

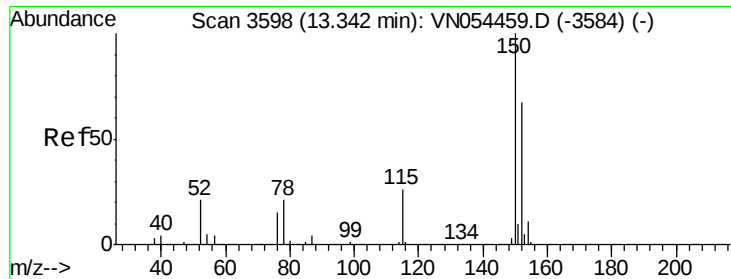


Abundance Ion 116.90 (116.60 to 117.60): VN054459.D (-2981) (-)

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: VN054499.D

Acq: 21 Mar 2019 8:30

Instrument :

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ClientSampleId :

20190130-LOC-7

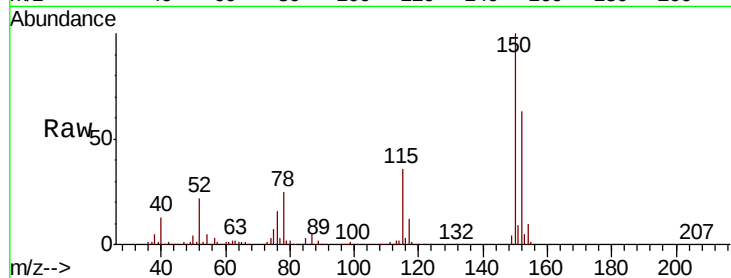
Tot Ion:152 Resp: 338205

Ion Ratio Lower Upper

152 100

115 57.9 27.2 81.6

150 157.3 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

