

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032019\
 Data File : VN054491.D
 Acq On : 21 Mar 2019 4:50
 Operator : JC/SP
 Sample : K1943-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20190124-LOC-1

Quant Time: Mar 22 07:04:06 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

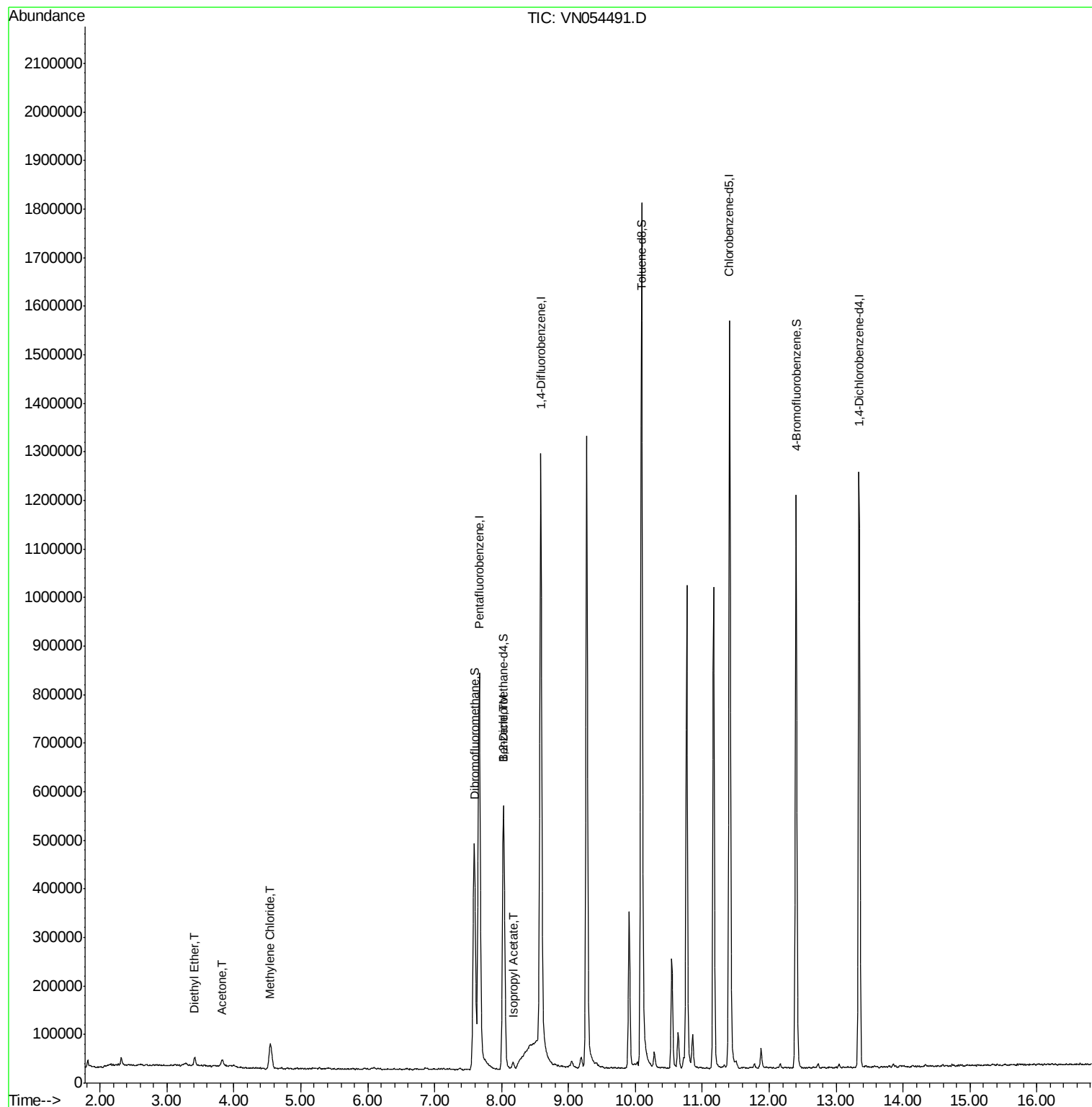
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	742360	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1134596	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	933945	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	333391	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	440441	47.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.40%	
35) Dibromofluoromethane	7.59	113	353011	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.58%	
50) Toluene-d8	10.09	98	1337141	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.32%	
62) 4-Bromofluorobenzene	12.40	95	409433	43.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.58%	
Target Compounds						
8) Diethyl Ether	3.42	74	7823	1.728	ug/l	74
16) Acetone	3.82	43	22276	8.024	ug/l #	83
20) Methylene Chloride	4.55	84	35694	4.362	ug/l #	84
40) Benzene	8.04	78	52832	1.742	ug/l	99
43) Isopropyl Acetate	8.17	43	16364	1.284	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: VN054491.D

Acq: 21 Mar 2019 4:50

Instrument :

MSVOA_N

ClientSampleId :

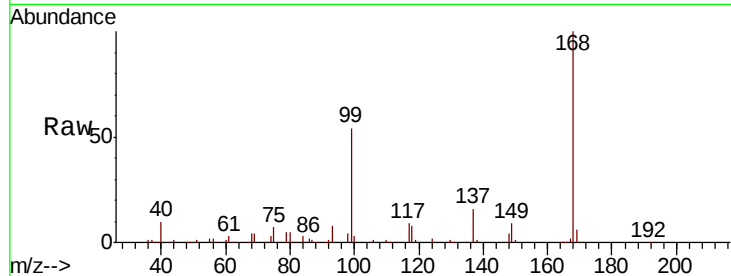
20190124-LOC-1

Tot Ion:168 Resp: 742360

Ion Ratio Lower Upper

168 100

99 53.9 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

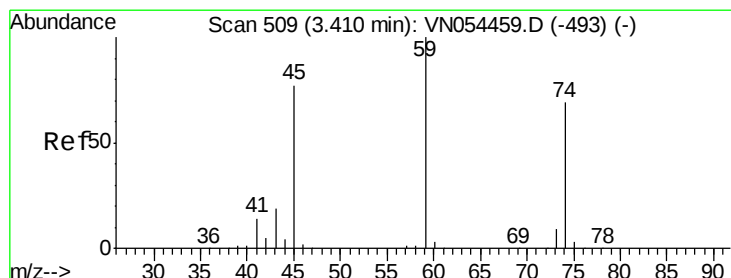
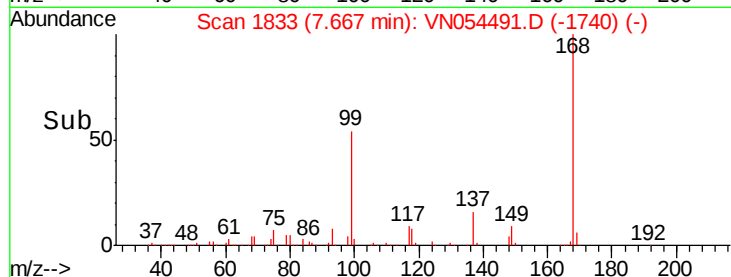
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#8

Diethyl Ether

Concen: 1.728 ug/l

RT: 3.42 min Scan# 511

Delta R.T. 0.01 min

Lab File: VN054491.D

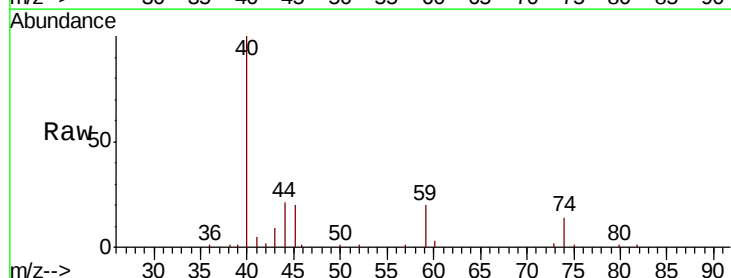
Acq: 21 Mar 2019 4:50

Tgt Ion: 74 Resp: 7823

Ion Ratio Lower Upper

74 100

45 109.9 43.1 129.4



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0

3.42

6000

5000

4000

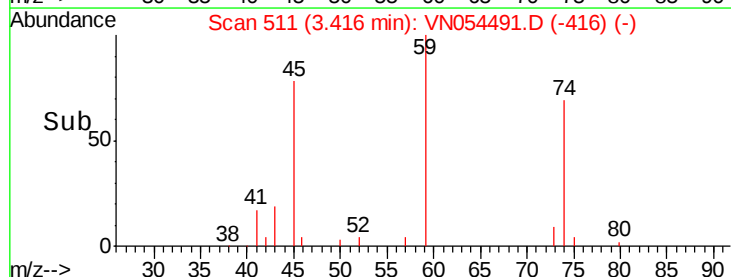
3000

2000

1000

0

Time--> 3.35 3.40 3.45

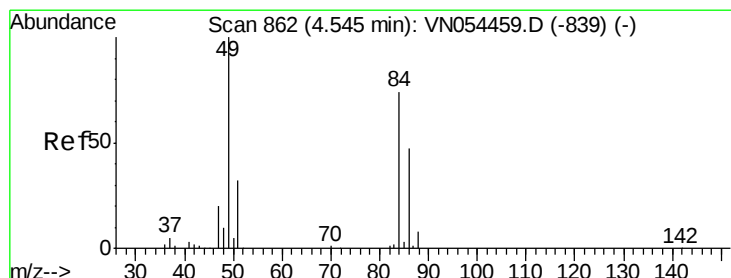
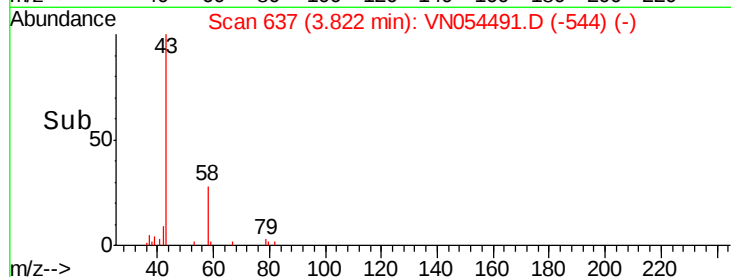
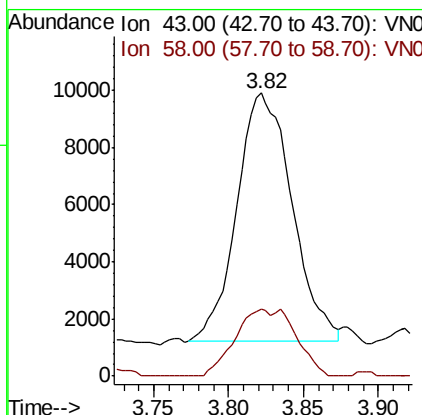
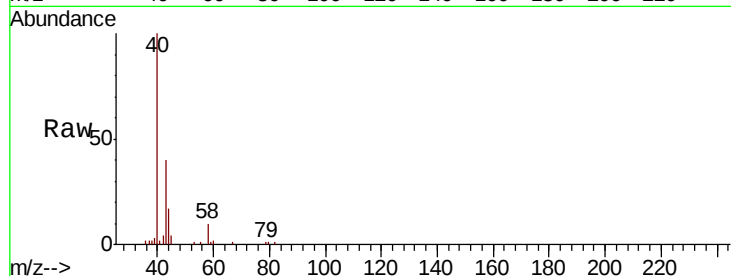




#16
Acetone
Concen: 8.024 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.00 min
Lab File: VN054491.D
Acq: 21 Mar 2019 4:50

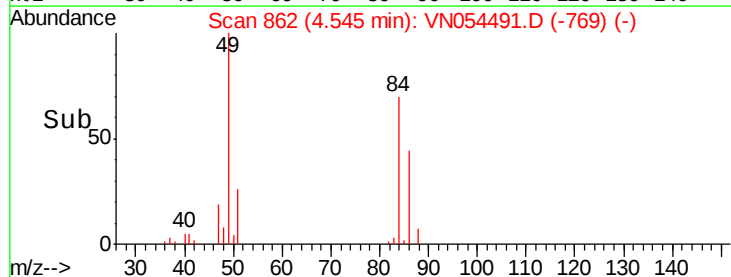
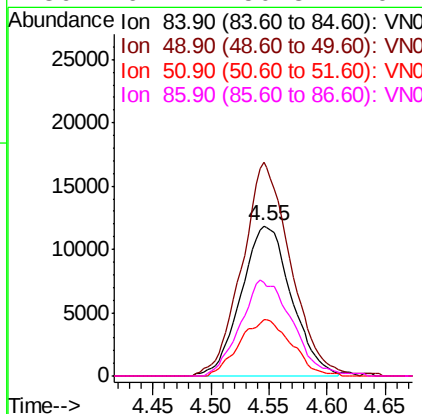
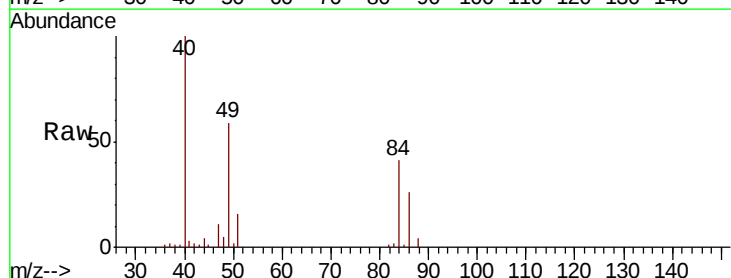
Instrument :
MSVOA_N
ClientSampleId :
20190124-LOC-1

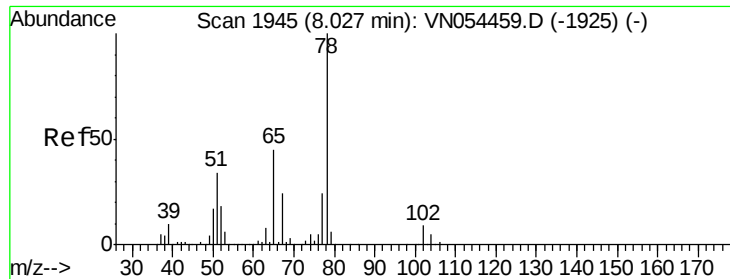
Tot Ion: 43 Resp: 22276
Ion Ratio Lower Upper
43 100
58 27.2 29.9 44.9#



#20
Methylene Chloride
Concen: 4.362 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN054491.D
Acq: 21 Mar 2019 4:50

Tgt Ion: 84 Resp: 35694
Ion Ratio Lower Upper
84 100
49 142.6 89.7 134.5#
51 37.6 28.2 42.4
86 62.4 50.8 76.2

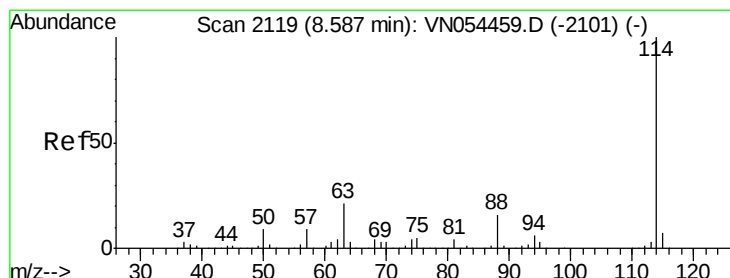
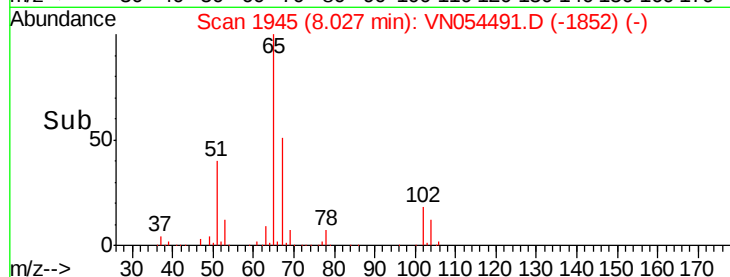
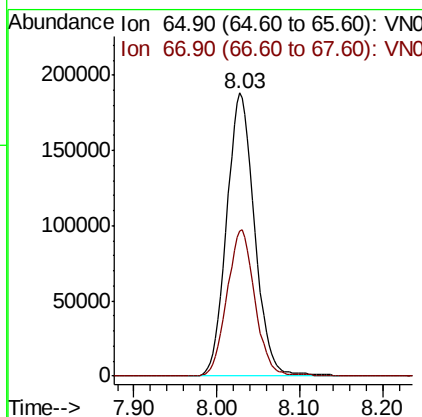
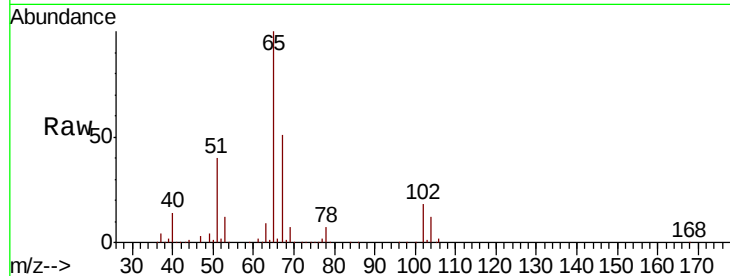




#33
 1,2-Dichloroethane-d4
 Concen: 47.699 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054491.D
 Acq: 21 Mar 2019 4:50

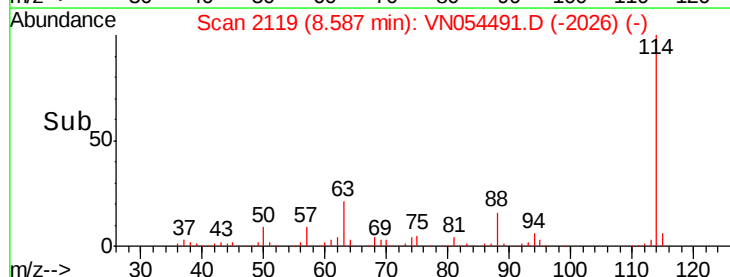
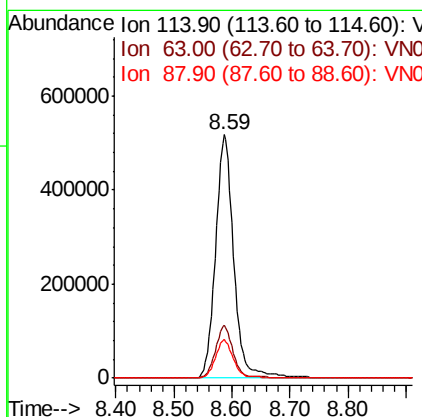
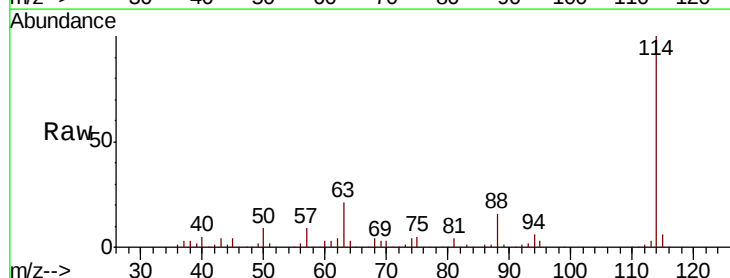
Instrument :
 MSVOA_N
 ClientSampleId :
 20190124-LOC-1

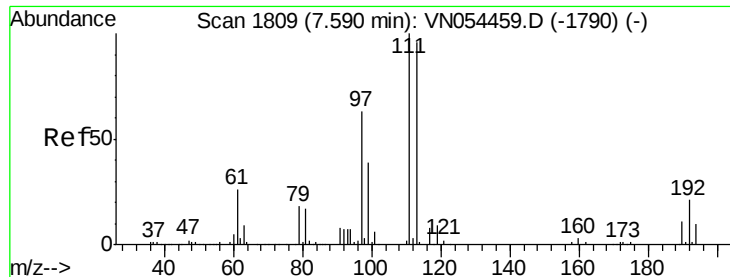
Tot Ion: 65 Resp: 440441
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054491.D
 Acq: 21 Mar 2019 4:50

Tgt Ion: 114 Resp: 1134596
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 35.2
 88 15.7 0.0 30.2

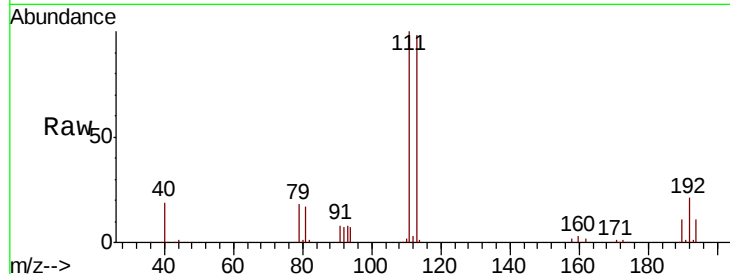




#35
 Dibromofluoromethane
 Concen: 48.294 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054491.D
 Acq: 21 Mar 2019 4:50

Instrument :
 MSVOA_N
 ClientSampleId :
 20190124-LOC-1

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.2	123.4
192	21.1	19.2	28.8

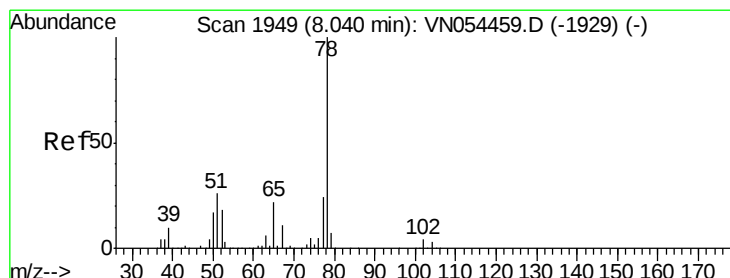
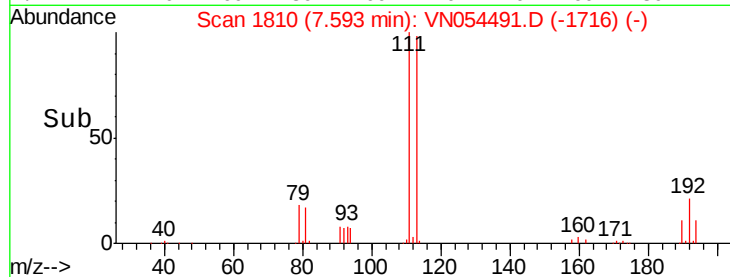
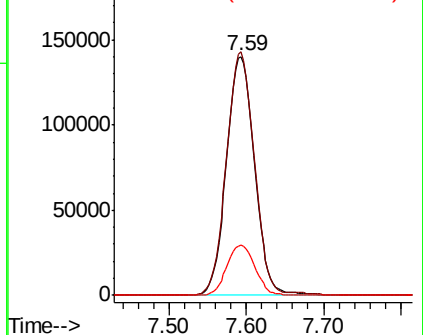


Abundance

Ion 112.80 (112.50 to 113.50): V

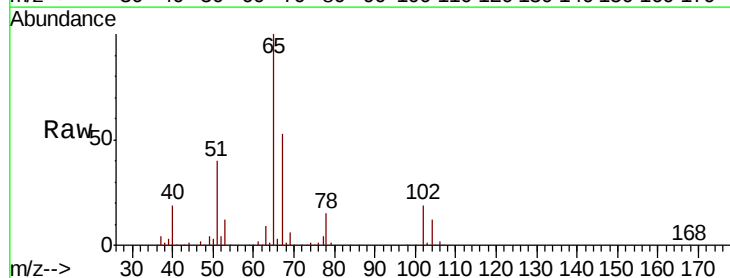
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#40
 Benzene
 Concen: 1.742 ug/l
 RT: 8.04 min Scan# 1949
 Delta R.T. 0.00 min
 Lab File: VN054491.D
 Acq: 21 Mar 2019 4:50

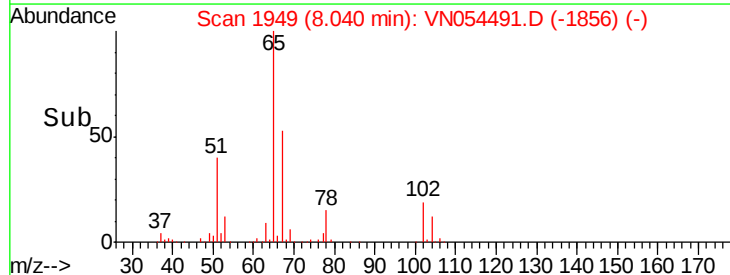
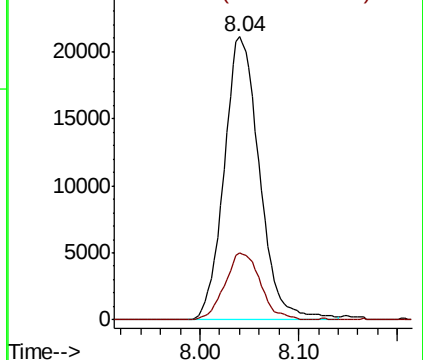
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.1	28.7

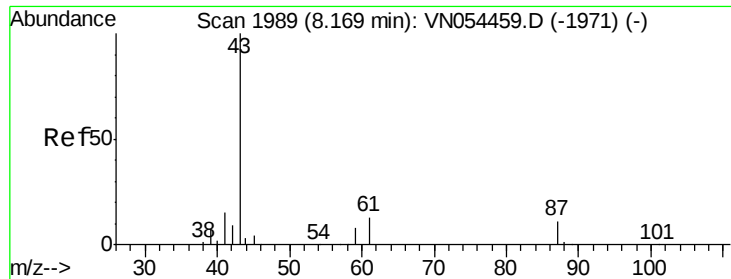


Abundance

Ion 78.00 (77.70 to 78.70): V

Ion 77.00 (76.70 to 77.70): V





#43

Isopropyl Acetate

Concen: 1.284 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054491.D

Acq: 21 Mar 2019 4:50

Instrument :

MSVOA_N

ClientSampleId :

20190124-LOC-1

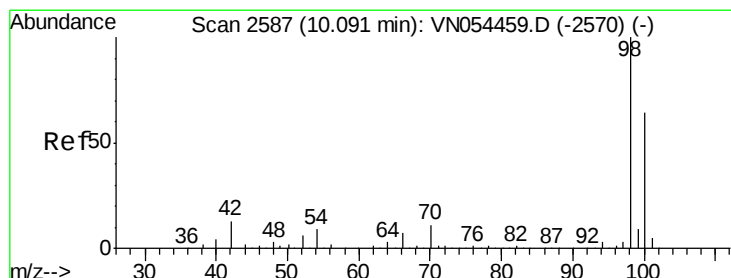
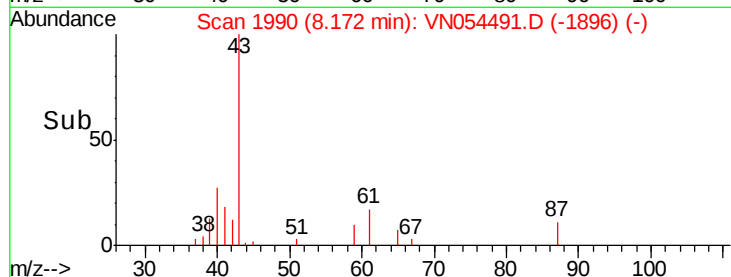
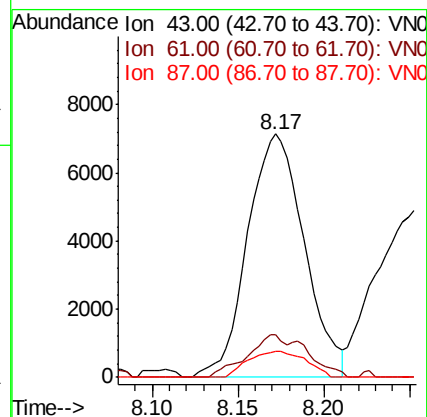
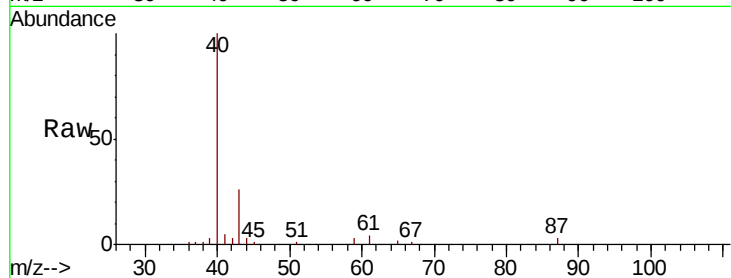
Tot Ion: 43 Resp: 16364

Ion Ratio Lower Upper

43 100

61 11.7 15.8 23.8#

87 10.9 12.0 18.0#



#50

Toluene-d8

Concen: 48.659 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054491.D

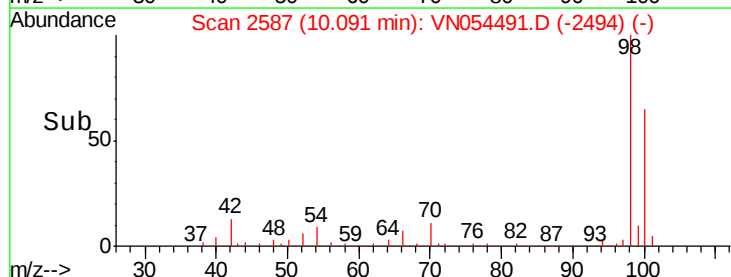
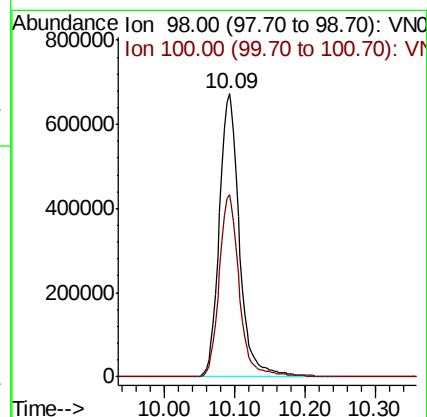
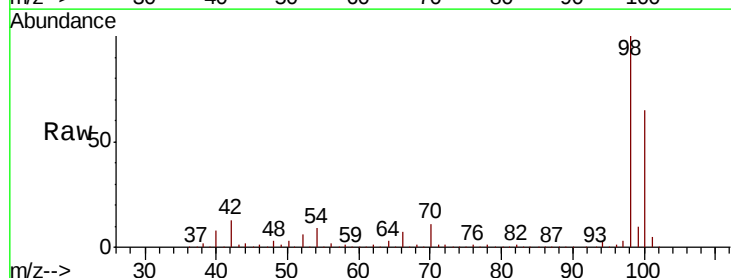
Acq: 21 Mar 2019 4:50

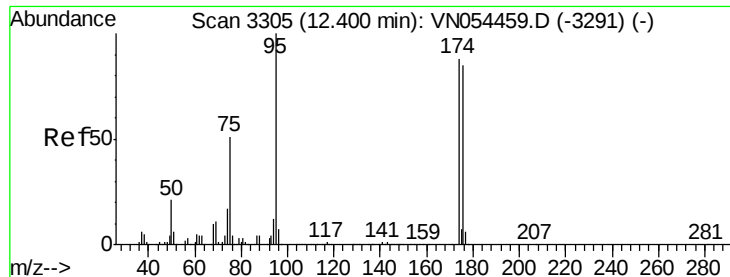
Tgt Ion: 98 Resp: 1337141

Ion Ratio Lower Upper

98 100

100 64.4 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 43.786 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054491.D

Acq: 21 Mar 2019 4:50

Instrument :

MSVOA_N

ClientSampleId :

20190124-LOC-1

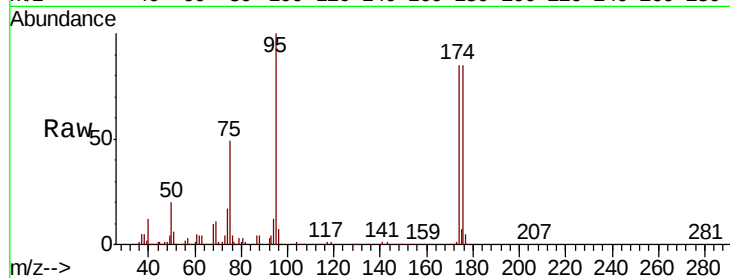
Tot Ion: 95 Resp: 409433

Ion Ratio Lower Upper

95 100

174 85.3 0.0 191.0

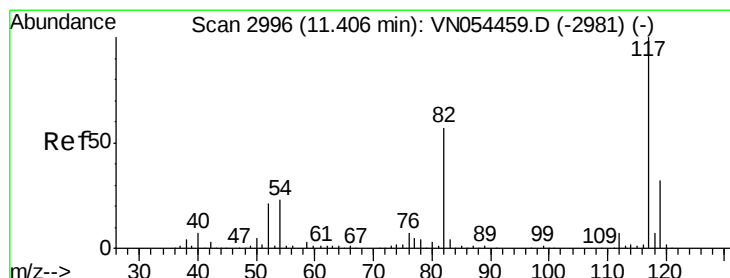
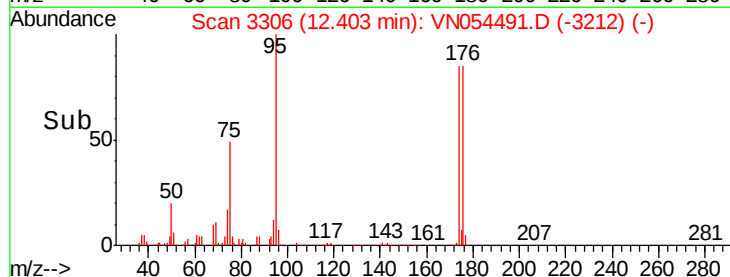
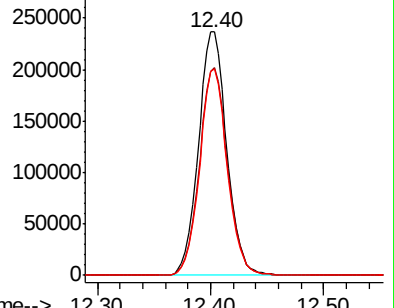
176 83.0 0.0 187.4



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: VN054491.D

Acq: 21 Mar 2019 4:50

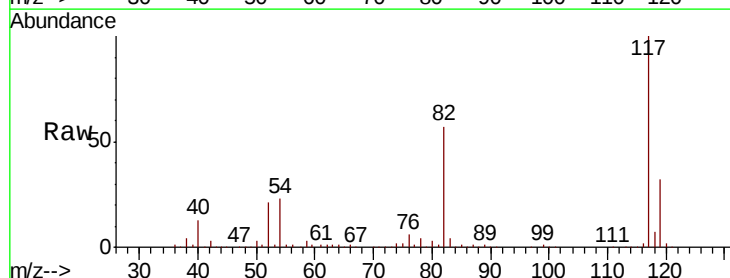
Tgt Ion: 117 Resp: 933945

Ion Ratio Lower Upper

117 100

82 57.1 40.0 60.0

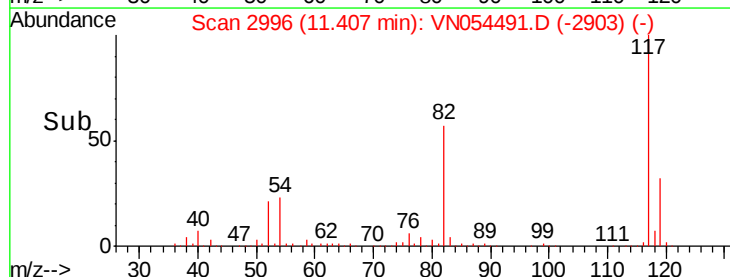
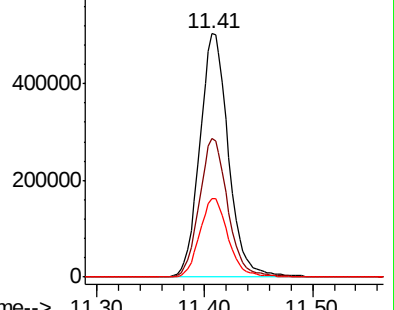
119 32.4 25.8 38.6

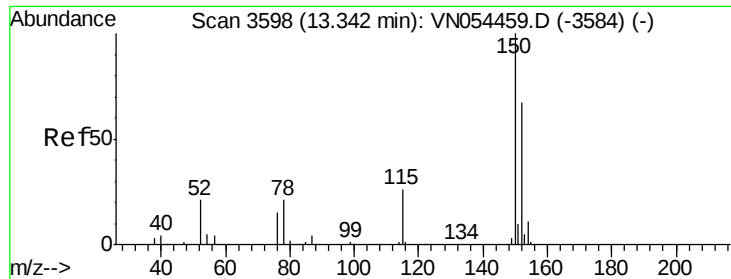


Abundance Ion 116.90 (116.60 to 117.60): VN054459.D (-2981) (-)

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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054491.D

Acq: 21 Mar 2019 4:50

Instrument :

MSVOA_N

ClientSampleId :

20190124-LOC-1

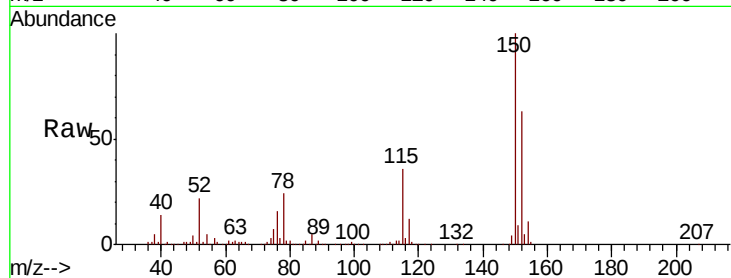
Tot Ion:152 Resp: 333391

Ion Ratio Lower Upper

152 100

115 57.8 27.2 81.6

150 158.9 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

