

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040319\
 Data File : VN054931.D
 Acq On : 3 Apr 2019 17:46
 Operator : JC/SP
 Sample : K2197-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-040219-A

Quant Time: Apr 04 03:20:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

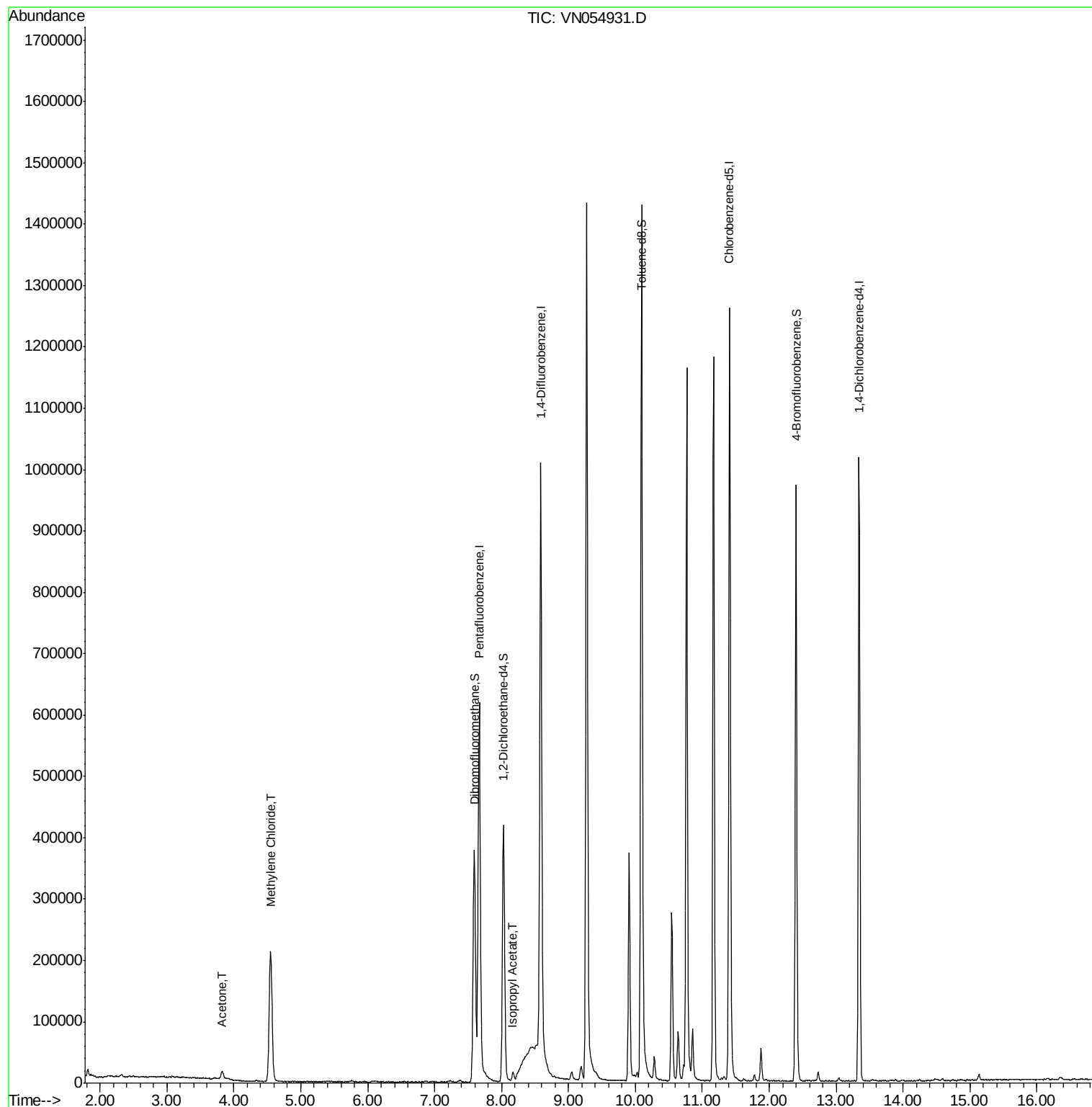
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	529875	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	879487	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	752827	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	274435	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	356957	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
35) Dibromofluoromethane	7.59	113	282052	48.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.20%	
50) Toluene-d8	10.09	98	1053998	48.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.70%	
62) 4-Bromofluorobenzene	12.40	95	323972	44.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.38%	
Target Compounds						
16) Acetone	3.83	43	22681	13.316	ug/l #	77
20) Methylene Chloride	4.55	84	147633	24.572	ug/l #	86
43) Isopropyl Acetate	8.17	43	17603	1.803	ug/l #	94

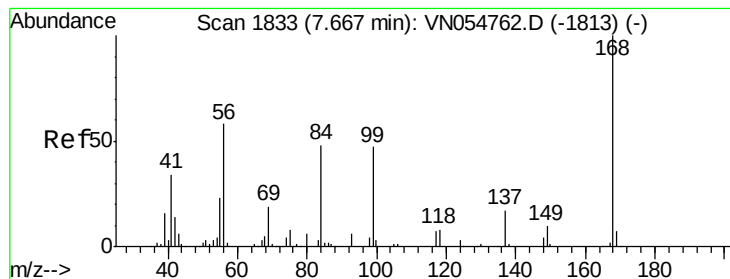
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054931.D

Acq: 3 Apr 2019 17:46

Instrument :

MSVOA_N

ClientSampleId :

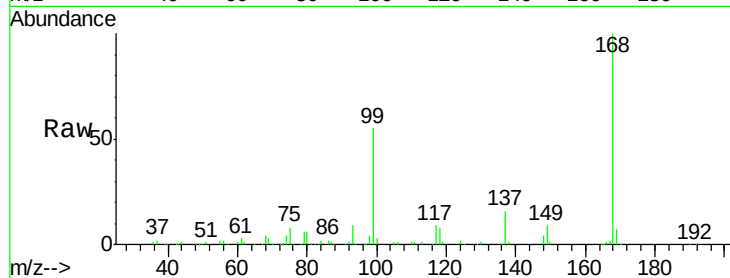
CL-02-040219-A

Tot Ion:168 Resp: 529875

Ion Ratio Lower Upper

168 100

99 55.0 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054931.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN054931.D (-1740) (-)

7.67

250000

200000

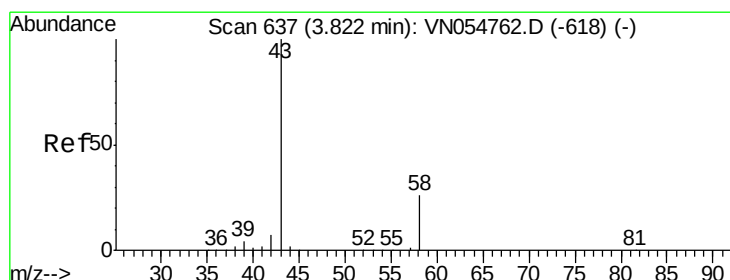
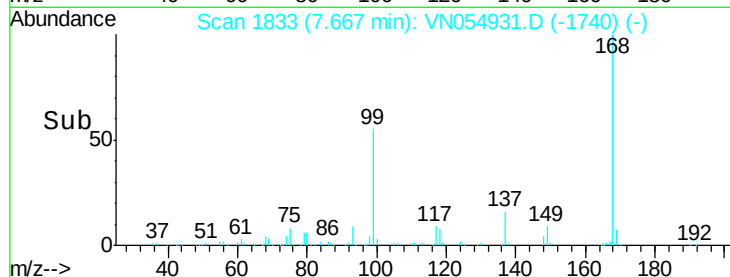
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 13.316 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN054931.D

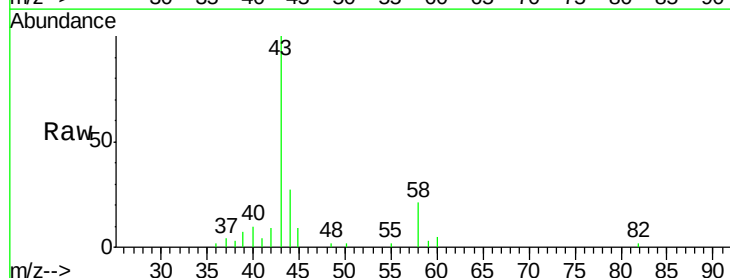
Acq: 3 Apr 2019 17:46

Tgt Ion: 43 Resp: 22681

Ion Ratio Lower Upper

43 100

58 23.7 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VN054931.D (-544) (-)

Ion 58.00 (57.70 to 58.70): VN054931.D (-544) (-)

3.83

10000

8000

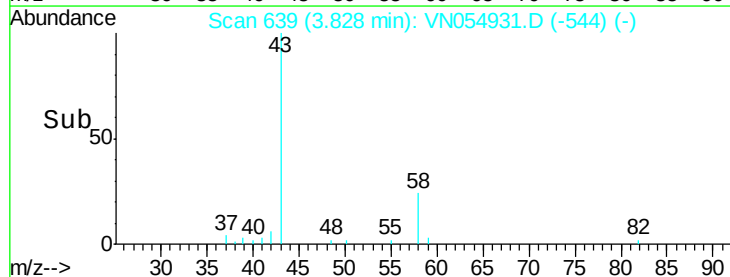
6000

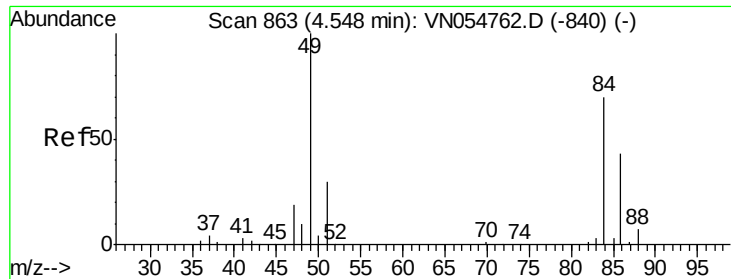
4000

2000

0

Time-->

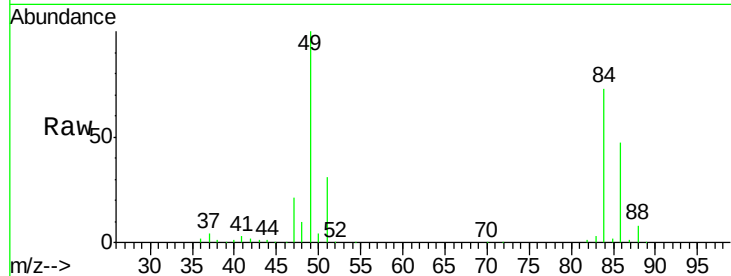




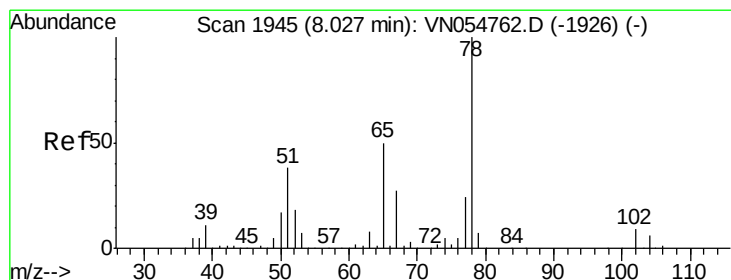
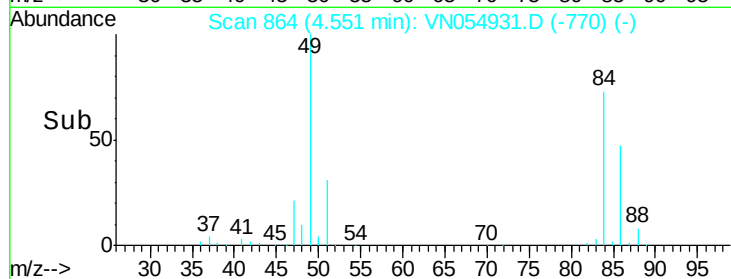
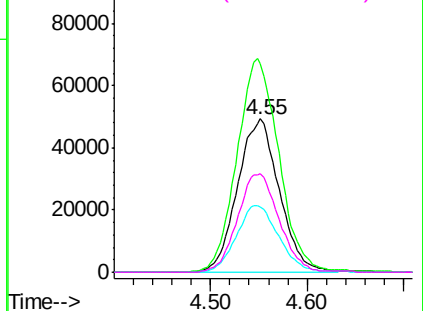
#20
Methylene Chloride
Concen: 24.572 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN054931.D
Acq: 3 Apr 2019 17:46

Instrument :
MSVOA_N
ClientSampled :
CL-02-040219-A

Tot Ion: 84 Resp: 147633
Ion Ratio Lower Upper
84 100
49 135.8 89.7 134.5#
51 42.5 28.2 42.4#
86 64.2 50.8 76.2

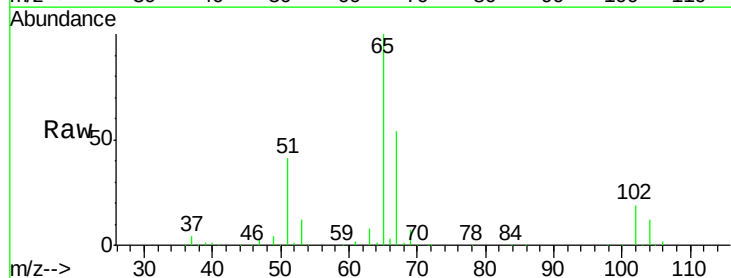


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

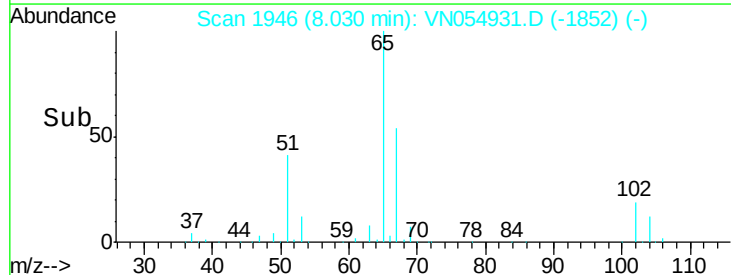
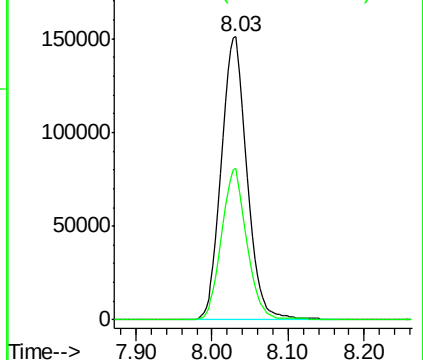


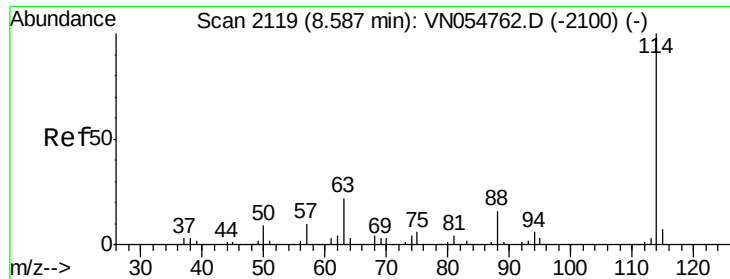
#33
1,2-Dichloroethane-d4
Concen: 49.974 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN054931.D
Acq: 3 Apr 2019 17:46

Tgt Ion: 65 Resp: 356957
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VNC
Ion 66.90 (66.60 to 67.60): VNC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054931.D

Acq: 3 Apr 2019 17:46

Instrument :

MSVOA_N

ClientSampleId :

CL-02-040219-A

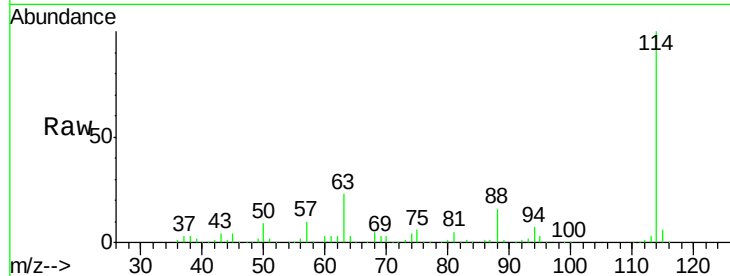
Tot Ion:114 Resp: 879487

Ion Ratio Lower Upper

114 100

63 23.0 0.0 35.2

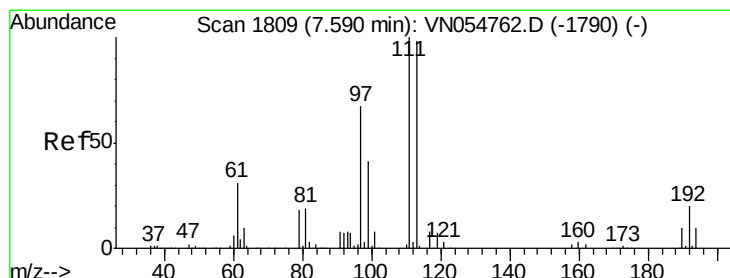
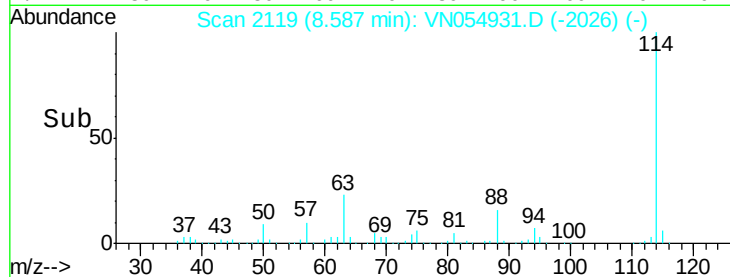
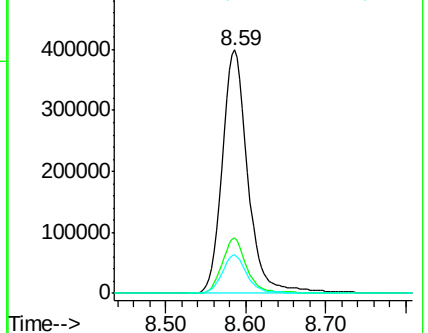
88 15.7 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 48.103 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054931.D

Acq: 3 Apr 2019 17:46

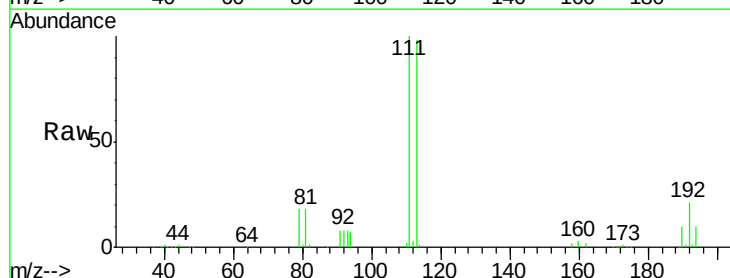
Tgt Ion:113 Resp: 282052

Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.4

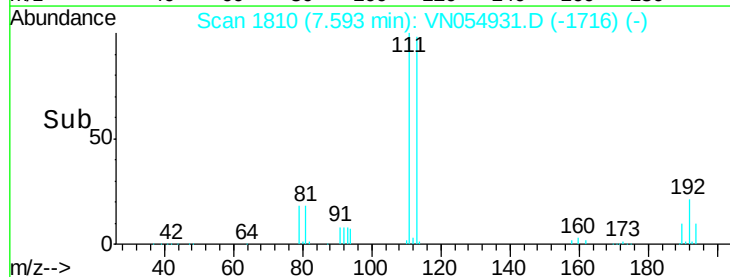
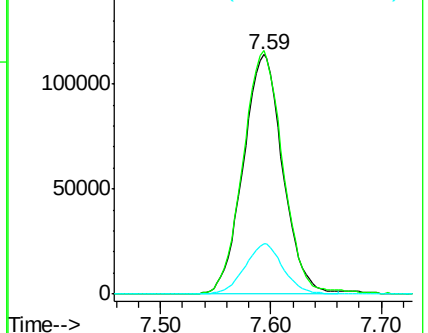
192 20.4 19.2 28.8

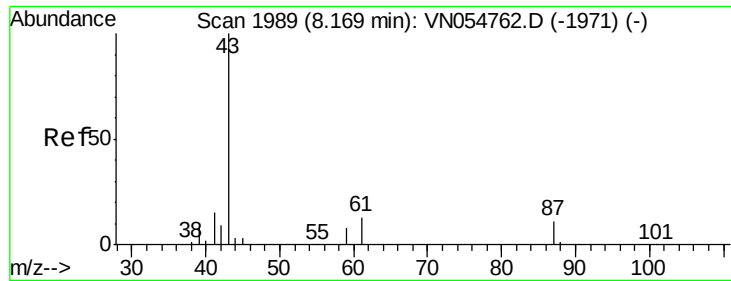


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.803 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN054931.D

Acq: 3 Apr 2019 17:46

Instrument :

MSVOA_N

ClientSampleId :

CL-02-040219-A

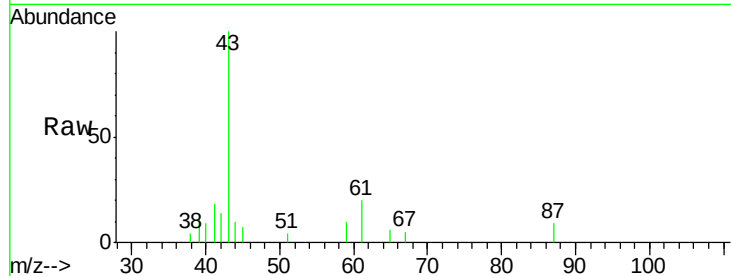
Tot Ion: 43 Resp: 17603

Ion Ratio Lower Upper

43 100

61 19.6 15.8 23.8

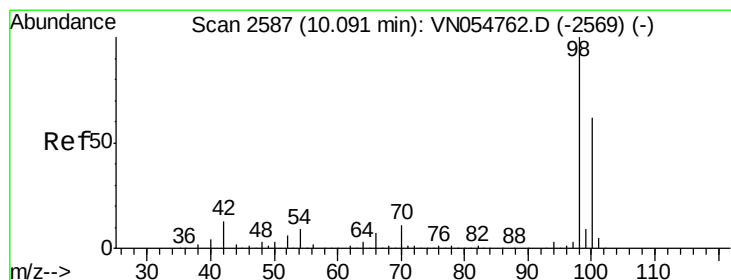
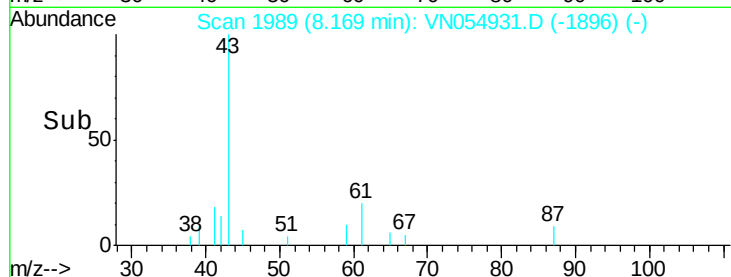
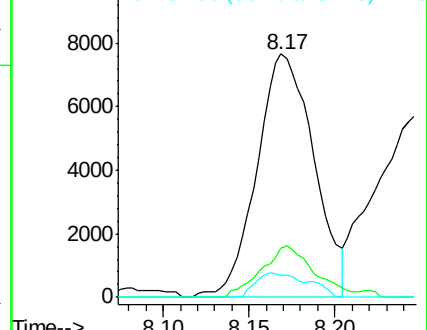
87 9.2 12.0 18.0#



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: 48.351 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054931.D

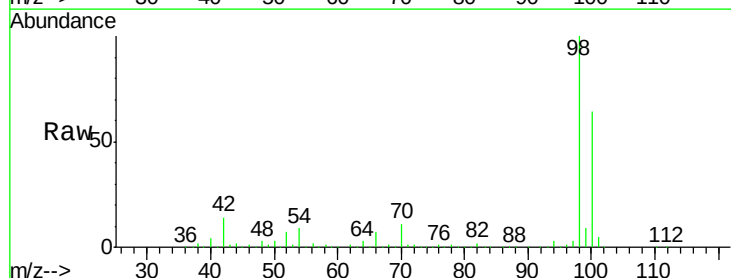
Acq: 3 Apr 2019 17:46

Tgt Ion: 98 Resp: 1053998

Ion Ratio Lower Upper

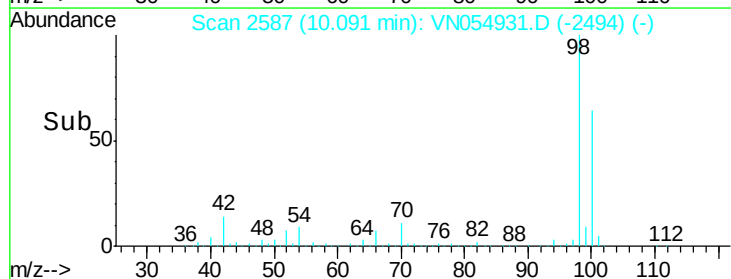
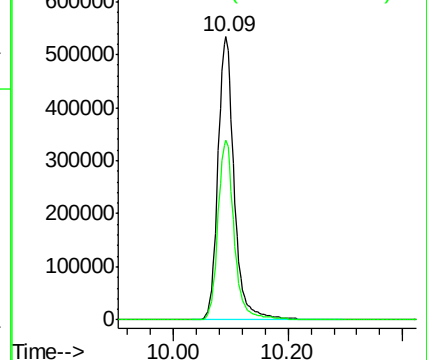
98 100

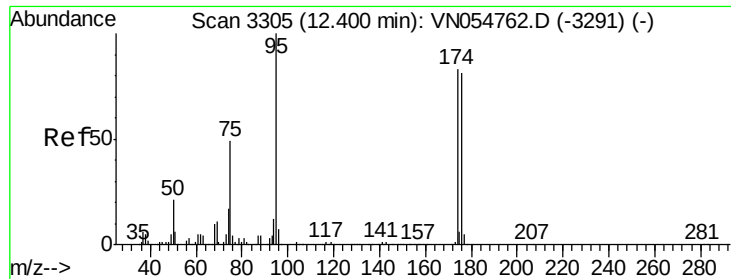
100 63.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 44.687 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054931.D

Acq: 3 Apr 2019 17:46

Instrument :

MSVOA_N

ClientSampleId :

CL-02-040219-A

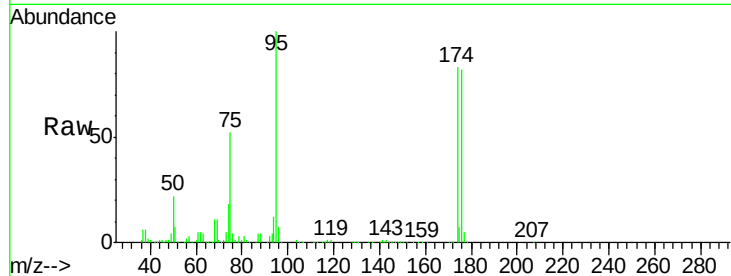
Tot Ion: 95 Resp: 323972

Ion Ratio Lower Upper

95 100

174 84.5 0.0 191.0

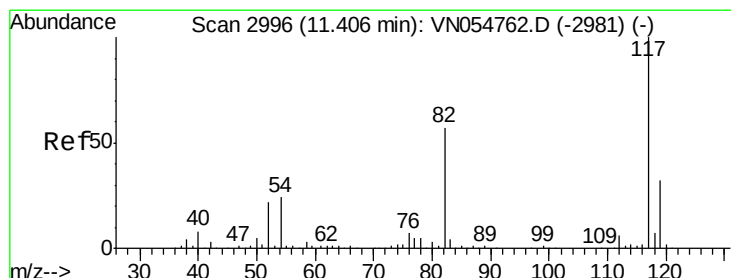
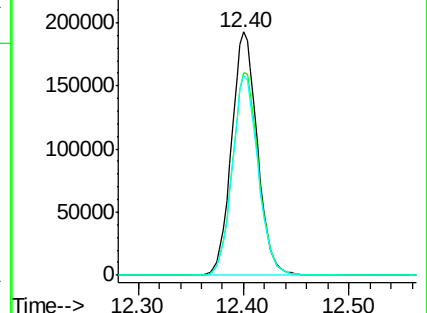
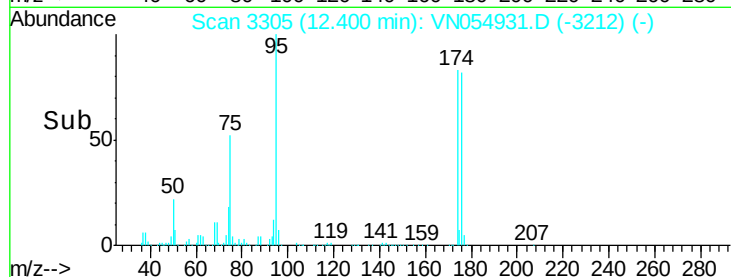
176 82.2 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054931.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN054931.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN054931.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054931.D

Acq: 3 Apr 2019 17:46

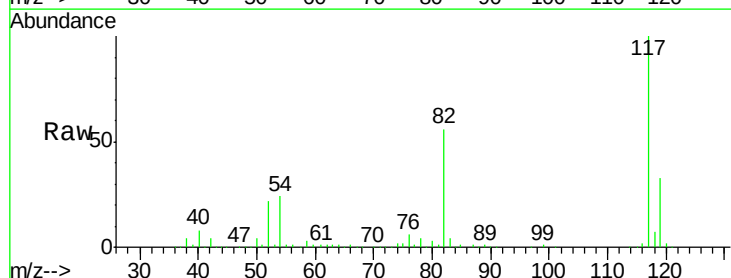
Tgt Ion: 117 Resp: 752827

Ion Ratio Lower Upper

117 100

82 56.2 40.0 60.0

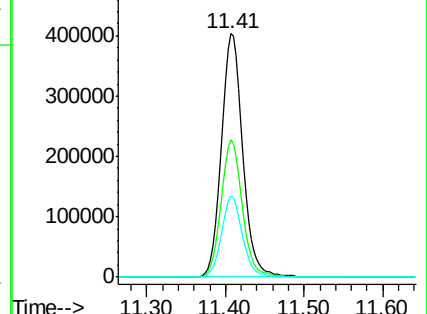
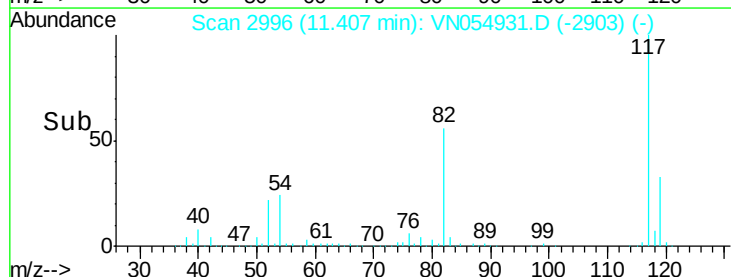
119 33.5 25.8 38.6

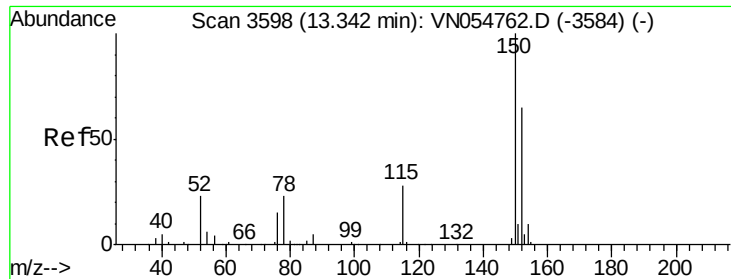


Abundance Ion 116.90 (116.60 to 117.60): VN054931.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN054931.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN054931.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054931.D

Acq: 3 Apr 2019 17:46

Instrument :

MSVOA_N

ClientSampleId :

CL-02-040219-A

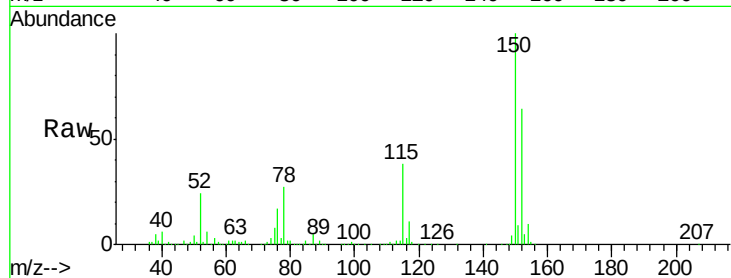
Tot Ion:152 Resp: 274435

Ion Ratio Lower Upper

152 100

115 57.9 27.2 81.6

150 155.7 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

