

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040219\
 Data File : VN054908.D
 Acq On : 2 Apr 2019 18:02
 Operator : JC/SP
 Sample : K1695-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DPC-91723-SO-TP5-A

Quant Time: Apr 03 06:48:50 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

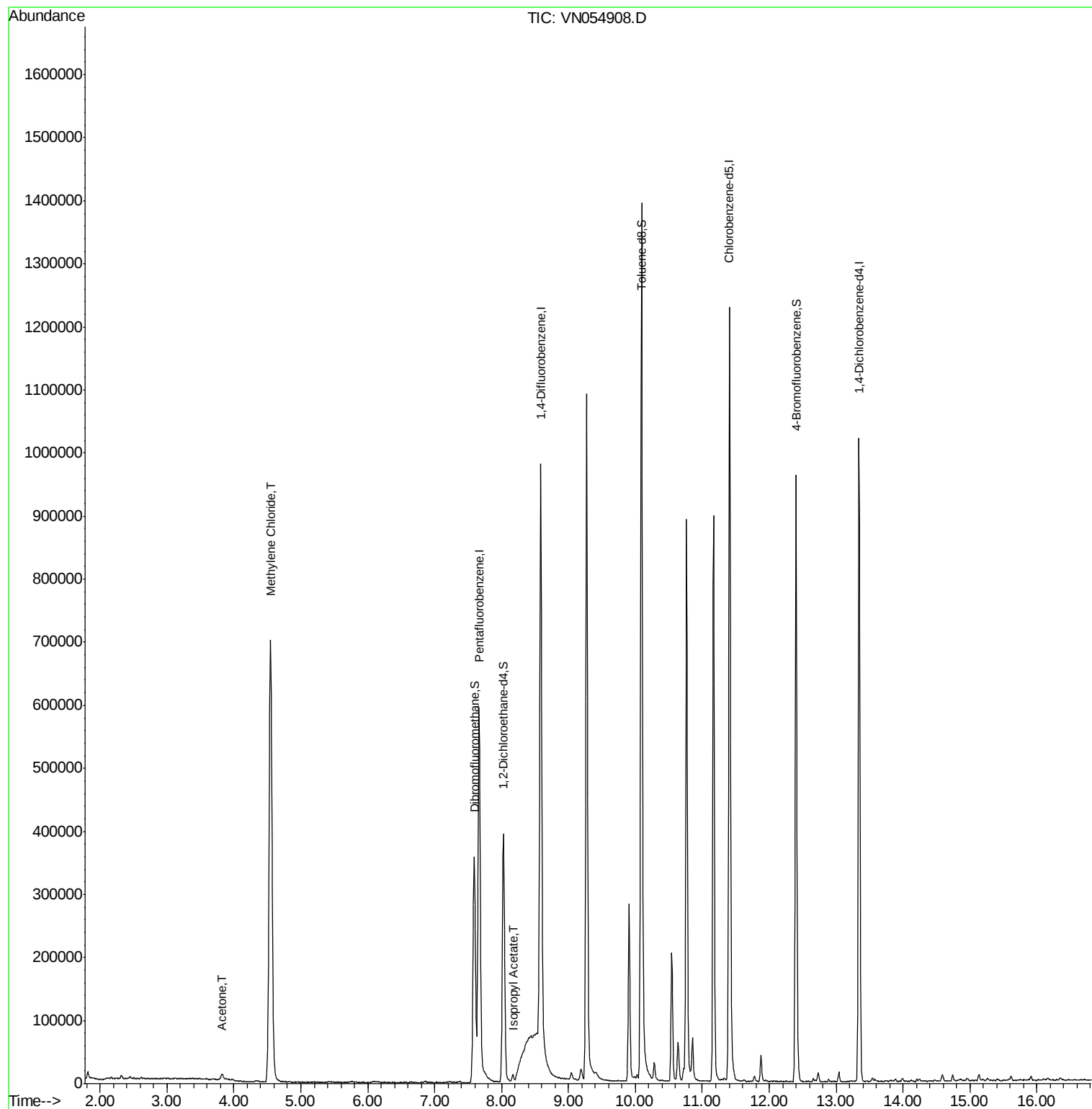
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	516937	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	852891	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	751301	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	272762	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	339607	48.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.48%	
35) Dibromofluoromethane	7.59	113	271760	47.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.58%	
50) Toluene-d8	10.09	98	1033410	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	
62) 4-Bromofluorobenzene	12.40	95	324285	46.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.24%	
Target Compounds						
16) Acetone	3.82	43	15602	9.389	ug/l #	82
20) Methylene Chloride	4.55	84	498162	84.987	ug/l #	81
43) Isopropyl Acetate	8.17	43	13354	1.410	ug/l #	90

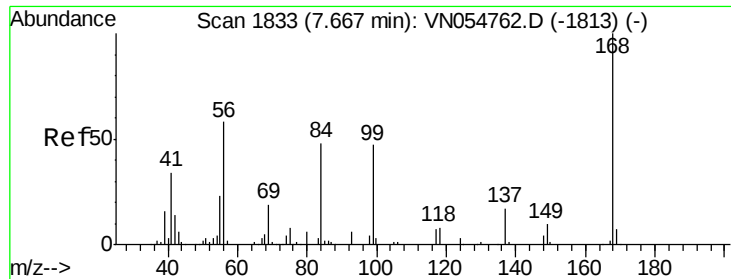
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054908.D

Acq: 2 Apr 2019 18:02

Instrument :

MSVOA_N

ClientSampleId :

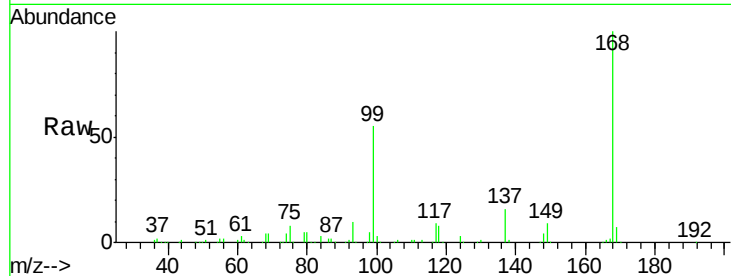
DPC-91723-SO-TP5-A

Tot Ion:168 Resp: 516937

Ion Ratio Lower Upper

168 100

99 55.0 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

200000

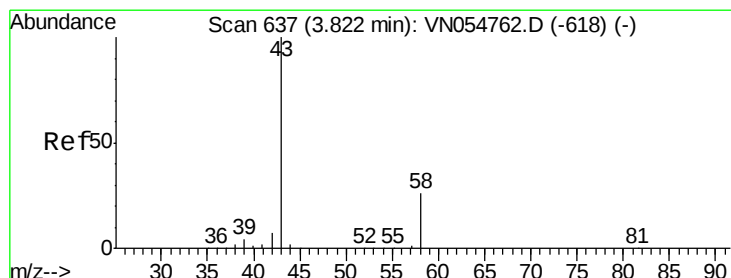
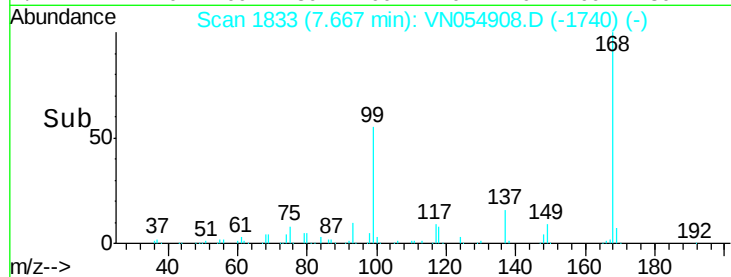
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 9.389 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN054908.D

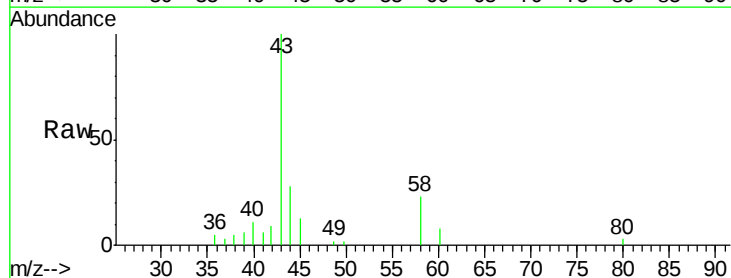
Acq: 2 Apr 2019 18:02

Tgt Ion: 43 Resp: 15602

Ion Ratio Lower Upper

43 100

58 26.4 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

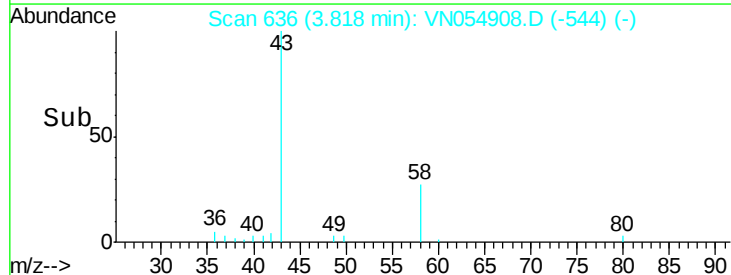
6000

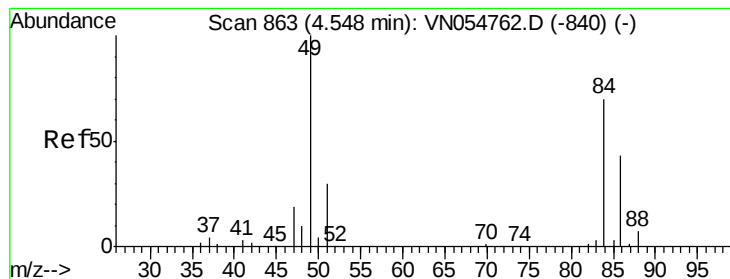
4000

2000

0

Time-->





#20

Methvlene Chloride

Concen: 84.987 ug/l

RT: 4.55 min Scan# 863

Delta R.T. -0.00 min

Lab File: VN054908.D

Acq: 2 Apr 2019 18:02

Instrument :

MSVOA_N

ClientSampleId :

DPC-91723-SO-TP5-A

Tot Ion: 84 Resp: 498162

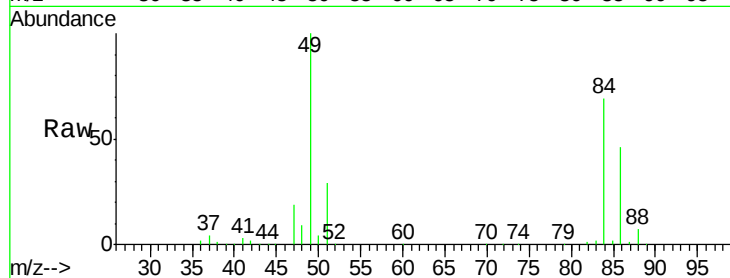
Ion Ratio Lower Upper

84 100

49 144.3 89.7 134.5#

51 42.5 28.2 42.4#

86 65.7 50.8 76.2

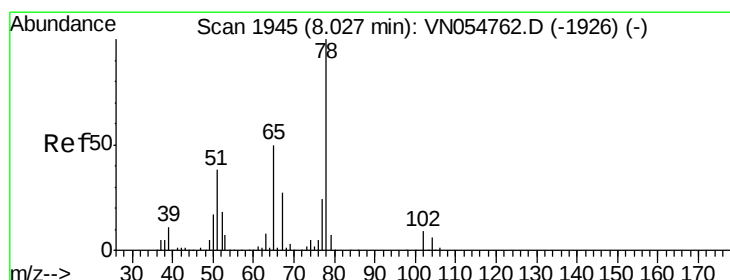
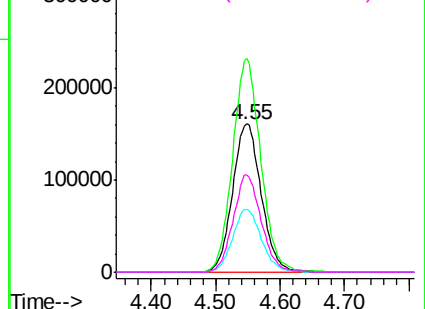
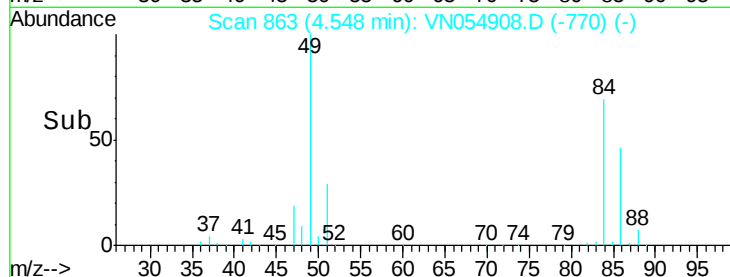


Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 48.735 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054908.D

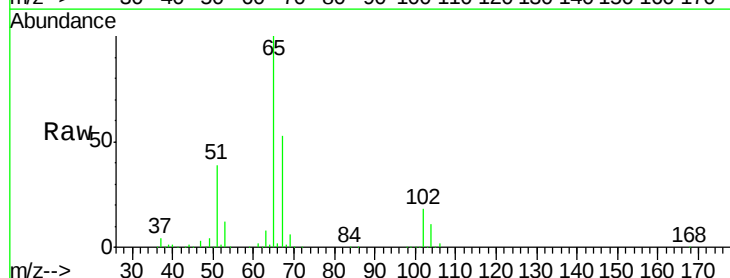
Acq: 2 Apr 2019 18:02

Tgt Ion: 65 Resp: 339607

Ion Ratio Lower Upper

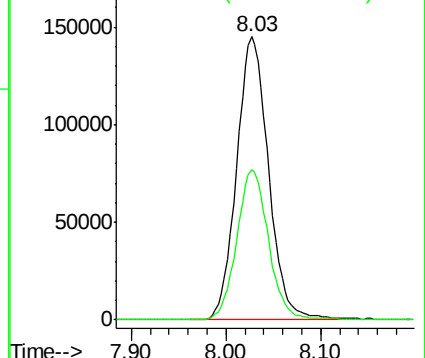
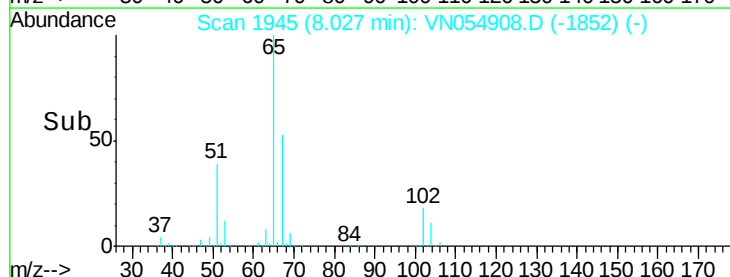
65 100

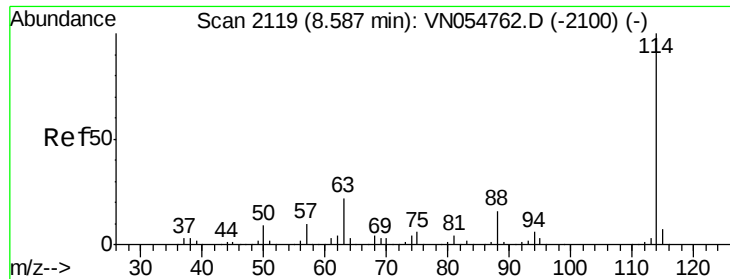
67 52.9 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

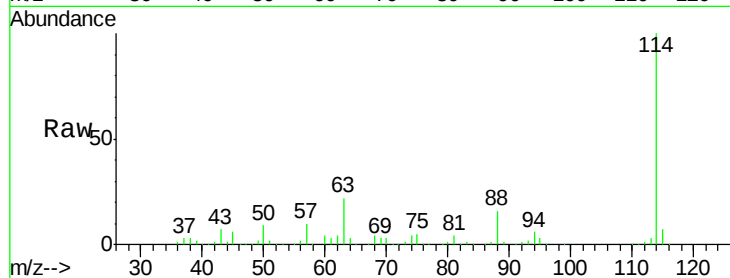




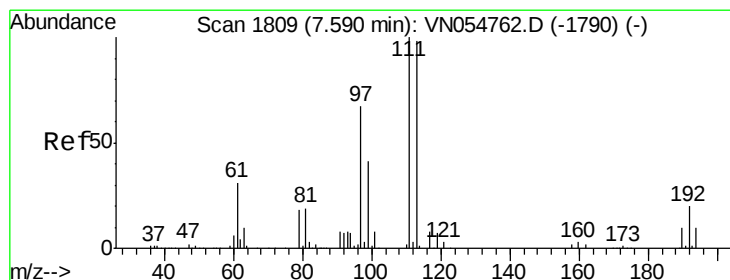
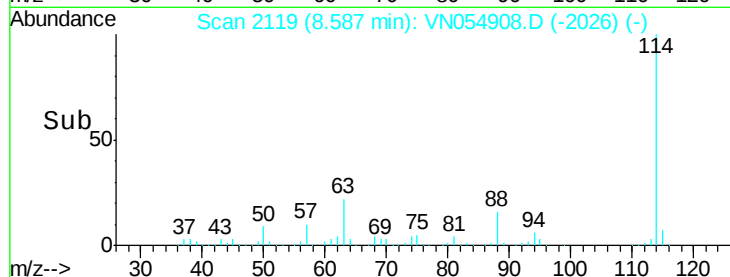
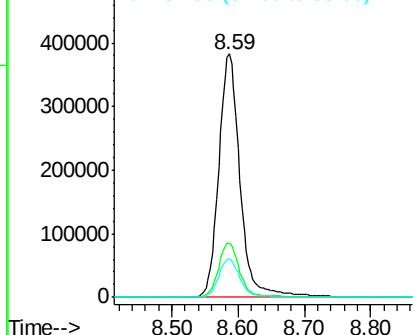
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN054908.D
Acq: 2 Apr 2019 18:02

Instrument :
MSVOA_N
ClientSampleId :
DPC-91723-SO-TP5-A

Tot Ion:114 Resp: 852891
Ion Ratio Lower Upper
114 100
63 22.2 0.0 35.2
88 15.8 0.0 30.2

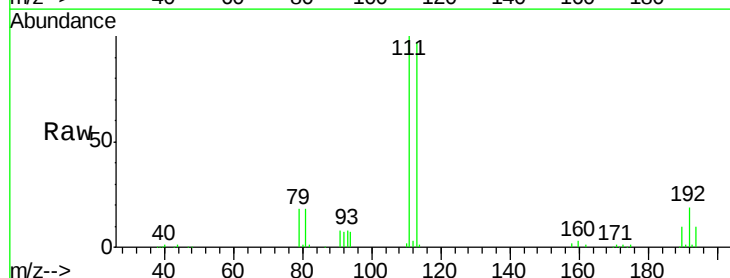


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

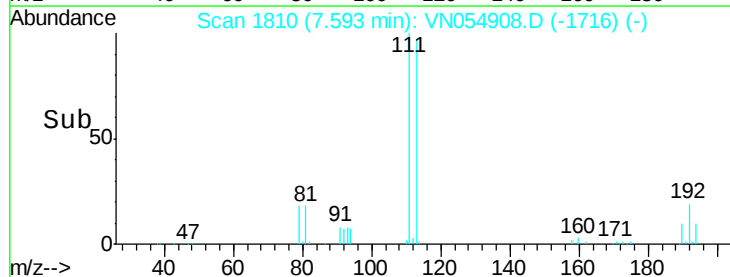
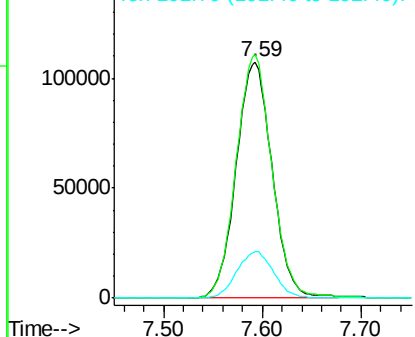


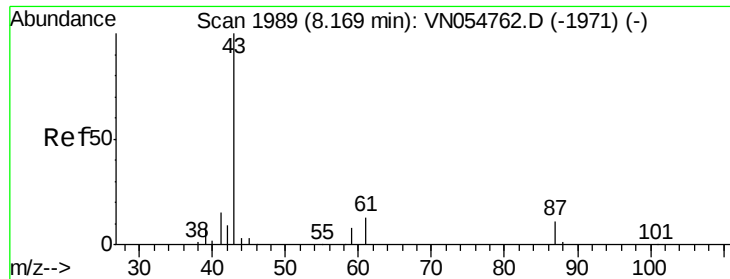
#35
Dibromofluoromethane
Concen: 47.793 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054908.D
Acq: 2 Apr 2019 18:02

Tgt Ion:113 Resp: 271760
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 20.2 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: 1.410 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054908.D

Acq: 2 Apr 2019 18:02

Instrument :

MSVOA_N

ClientSampleId :

DPC-91723-SO-TP5-A

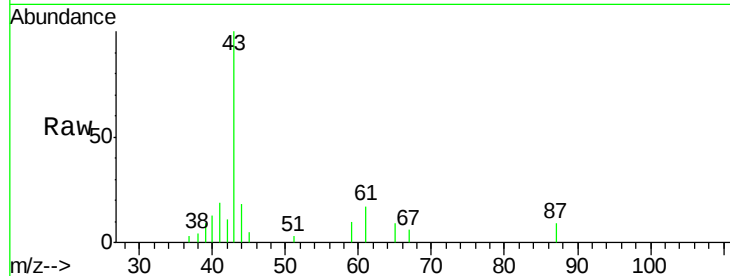
Tot Ion: 43 Resp: 13354

Ion Ratio Lower Upper

43 100

61 19.7 15.8 23.8

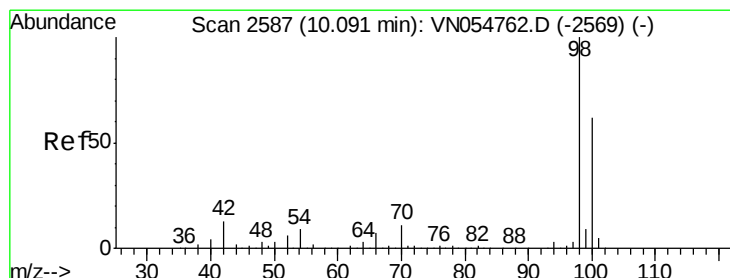
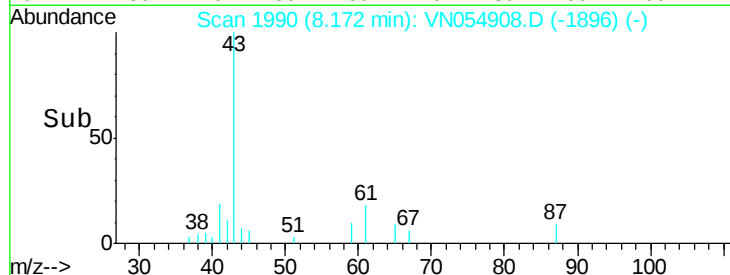
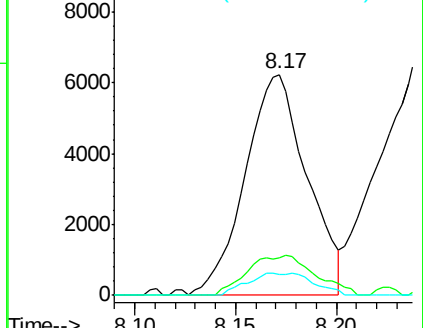
87 5.5 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VN054908.D (-1896) (-)

Ion 61.00 (60.70 to 61.70): VN054908.D (-1896) (-)

Ion 87.00 (86.70 to 87.70): VN054908.D (-1896) (-)



#50

Toluene-d8

Concen: 48.884 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054908.D

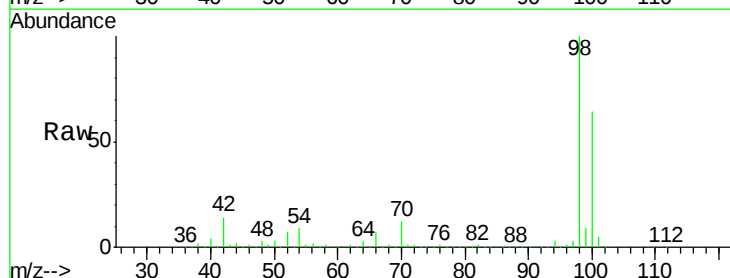
Acq: 2 Apr 2019 18:02

Tgt Ion: 98 Resp: 1033410

Ion Ratio Lower Upper

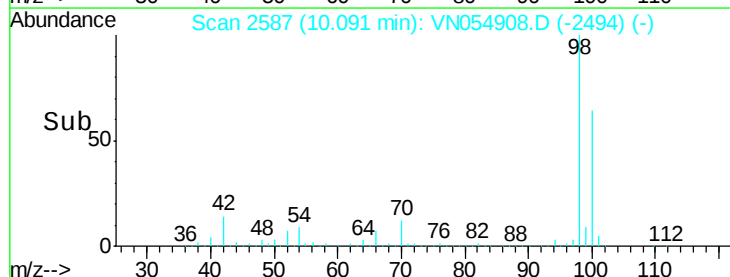
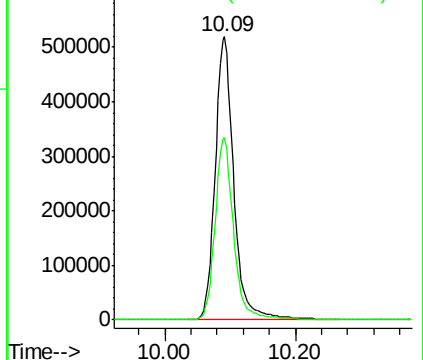
98 100

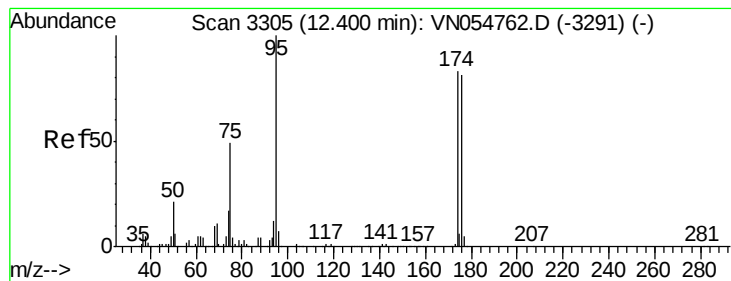
100 63.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054908.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN054908.D (-2494) (-)





#62

4-Bromofluorobenzene

Concen: 46.125 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054908.D

Acq: 2 Apr 2019 18:02

Instrument :

MSVOA_N

ClientSampleId :

DPC-91723-SO-TP5-A

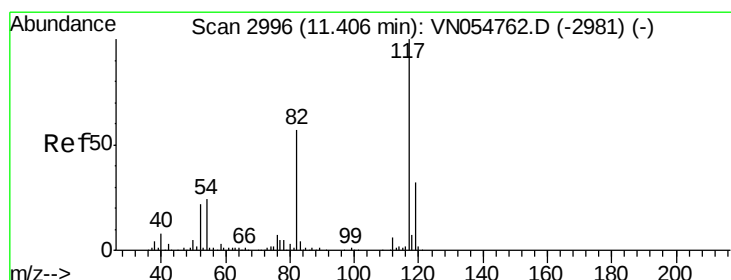
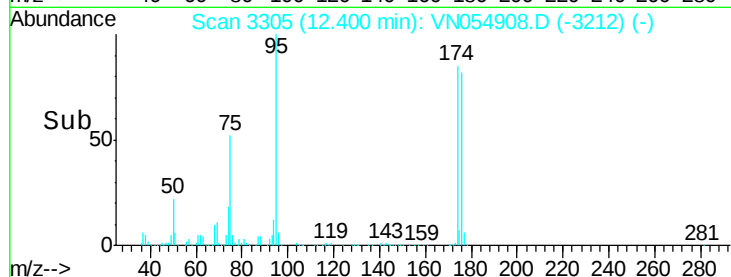
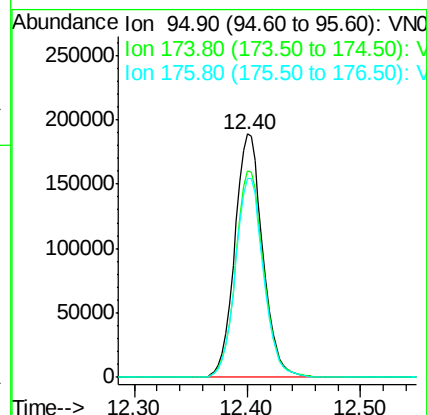
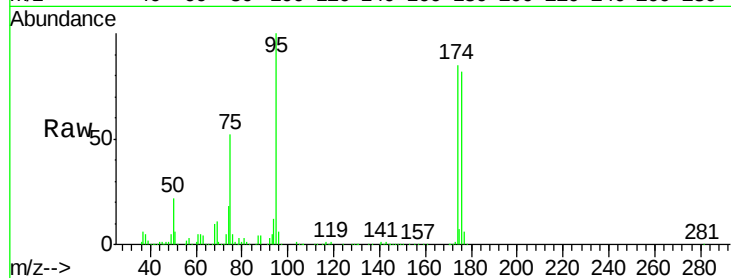
Tot Ion: 95 Resp: 324285

Ion Ratio Lower Upper

95 100

174 85.3 0.0 191.0

176 82.2 0.0 187.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054908.D

Acq: 2 Apr 2019 18:02

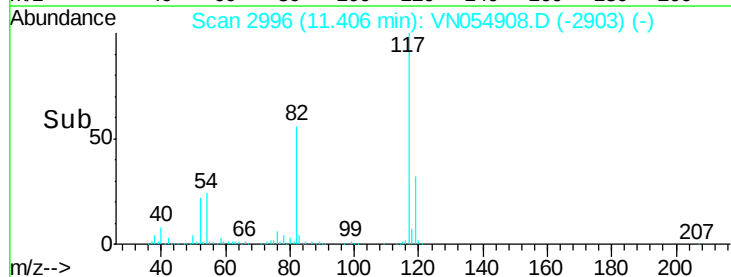
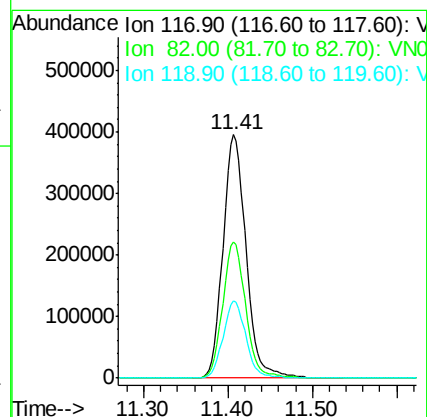
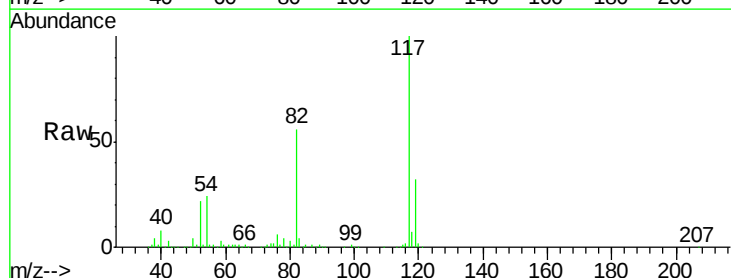
Tgt Ion: 117 Resp: 751301

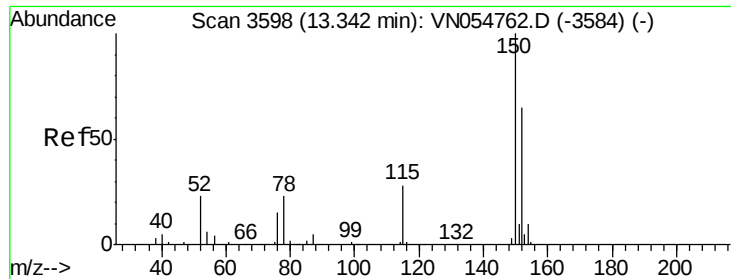
Ion Ratio Lower Upper

117 100

82 56.1 40.0 60.0

119 31.7 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054908.D

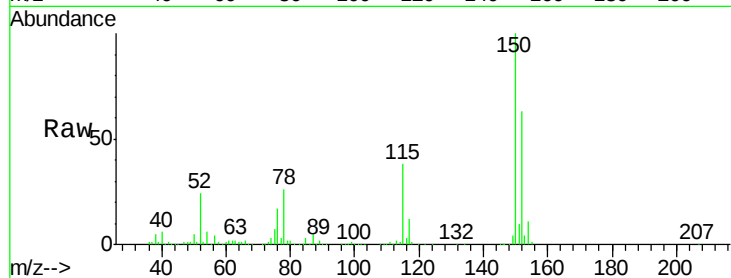
Acq: 2 Apr 2019 18:02

Instrument :

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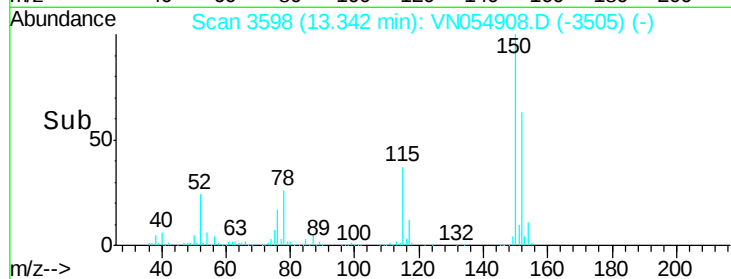
Tot Ion:152 Resp: 272762

Ion Ratio Lower Upper

152 100

115 58.4 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

