

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033019\
 Data File : VN054834.D
 Acq On : 31 Mar 2019 6:10
 Operator : JC/SP
 Sample : K1685-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AU-06-032819-C

Quant Time: Apr 01 02:04:56 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

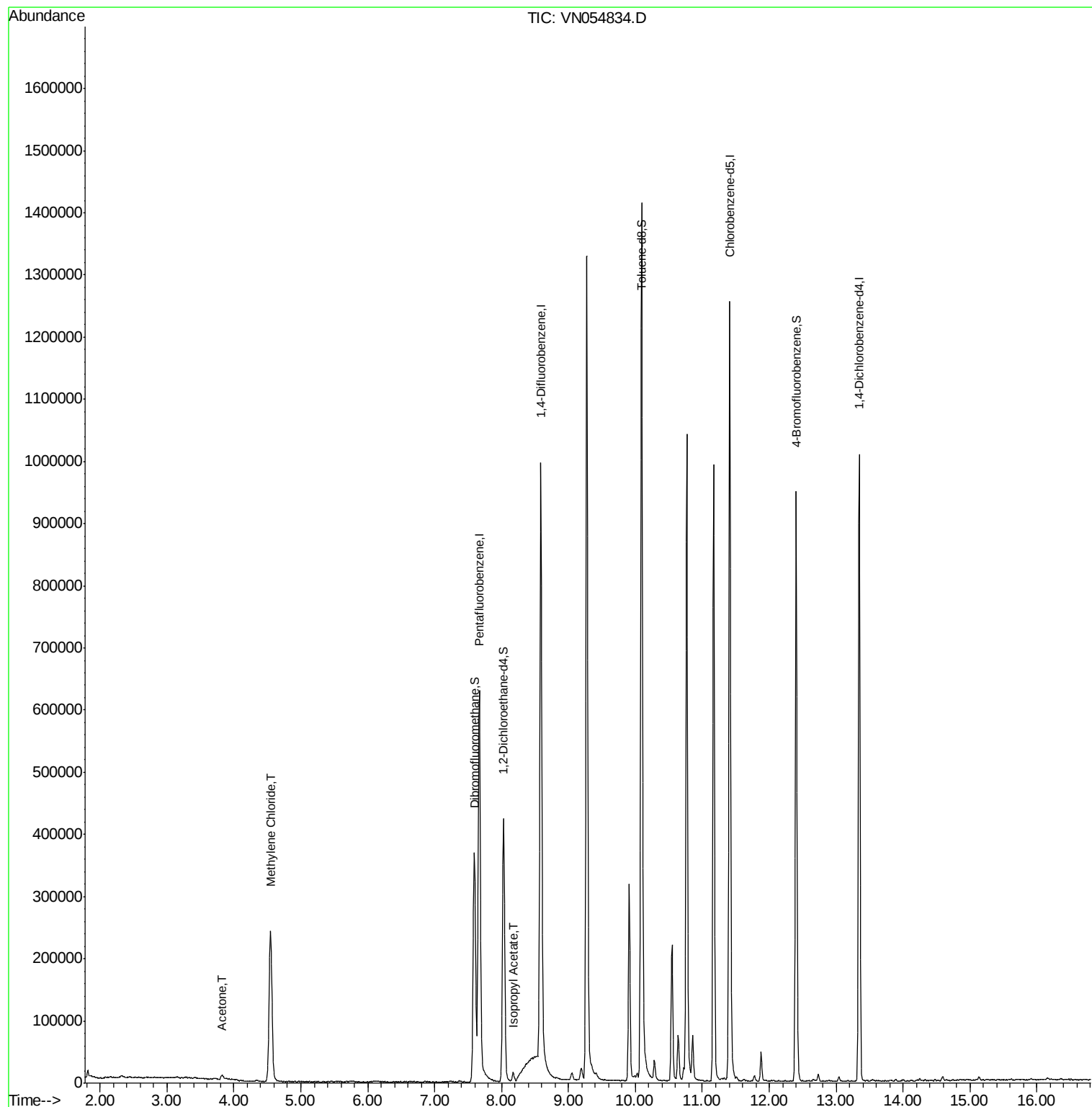
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	526766	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	876930	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	744042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	269641	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	361369	50.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.78%	
35) Dibromofluoromethane	7.59	113	283412	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	
50) Toluene-d8	10.09	98	1042411	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.92%	
62) 4-Bromofluorobenzene	12.40	95	322906	44.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.34%	
Target Compounds						
16) Acetone	3.83	43	11314	6.682	ug/l #	82
20) Methylene Chloride	4.55	84	168067	28.138	ug/l #	80
43) Isopropyl Acetate	8.17	43	15321	1.574	ug/l #	94

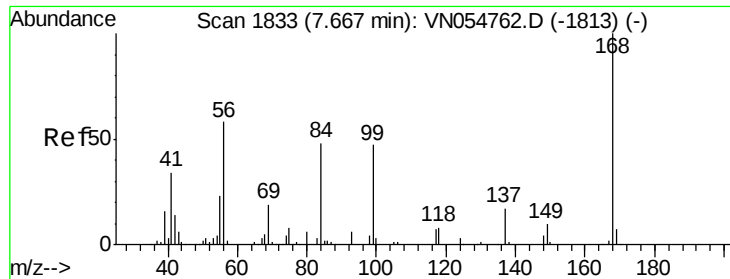
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054834.D

Acq: 31 Mar 2019 6:10

Instrument :

MSVOA_N

ClientSampleId :

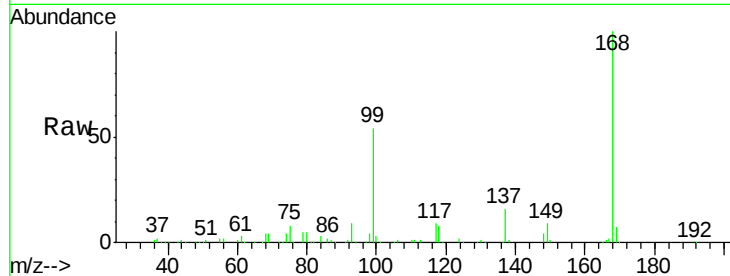
AU-06-032819-C

Tot Ion:168 Resp: 526766

Ion Ratio Lower Upper

168 100

99 54.3 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054834.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN054834.D (-1740) (-)

7.67

250000

200000

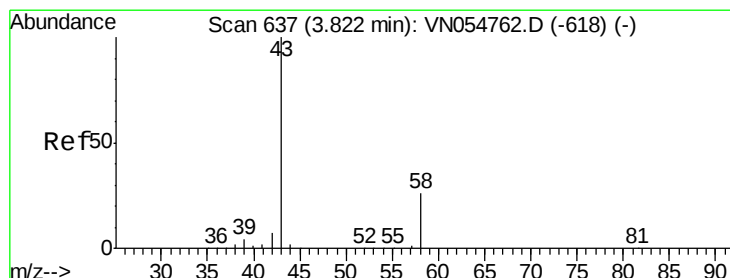
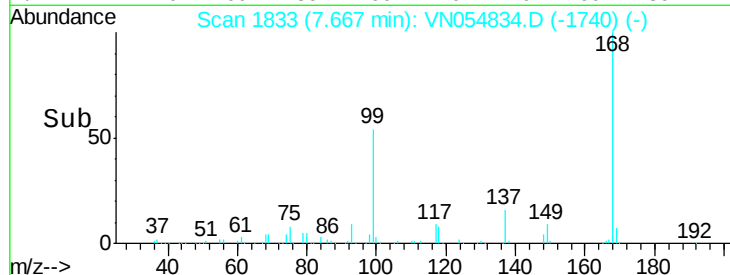
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.682 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN054834.D

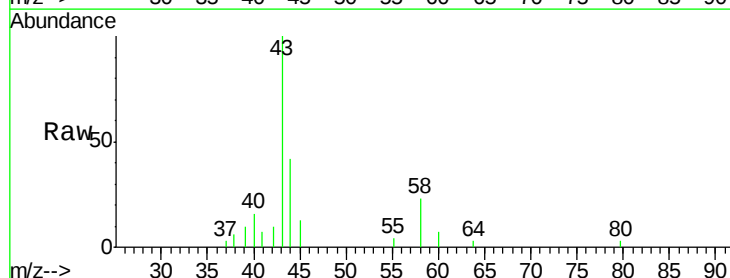
Acq: 31 Mar 2019 6:10

Tgt Ion: 43 Resp: 11314

Ion Ratio Lower Upper

43 100

58 26.5 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VN054834.D (-544) (-)

Ion 58.00 (57.70 to 58.70): VN054834.D (-544) (-)

3.83

6000

5000

4000

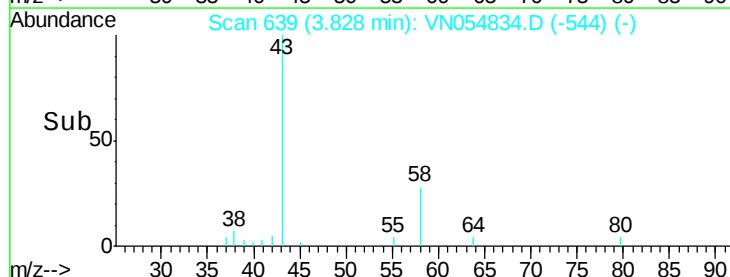
3000

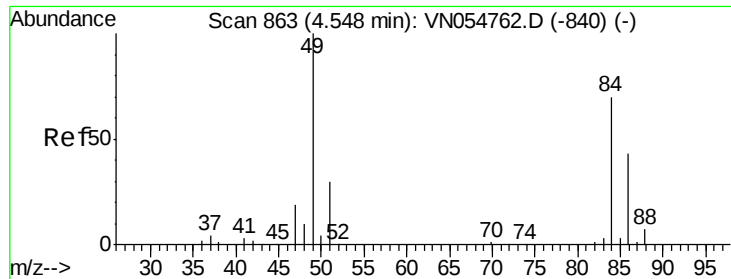
2000

1000

0

Time-->

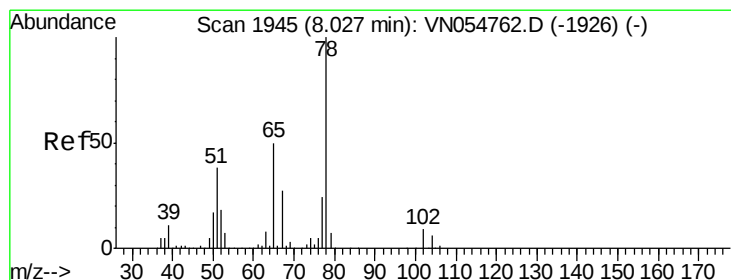
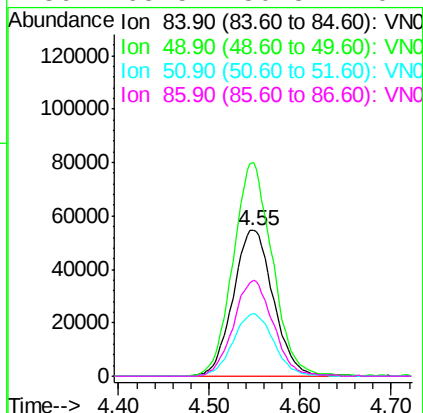
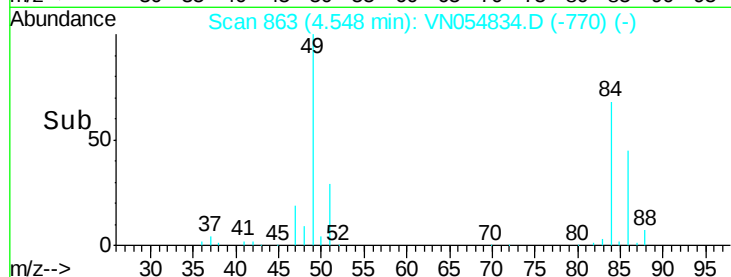
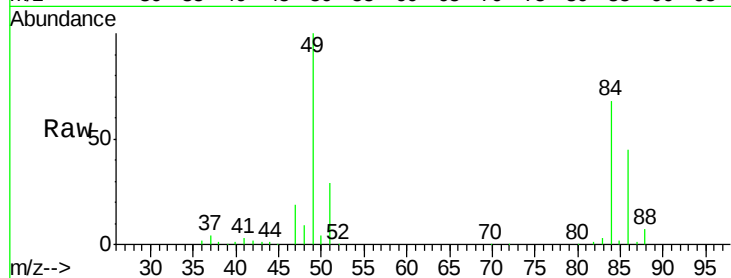




#20
Methylene Chloride
Concen: 28.138 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.00 min
Lab File: VN054834.D
Acq: 31 Mar 2019 6:10

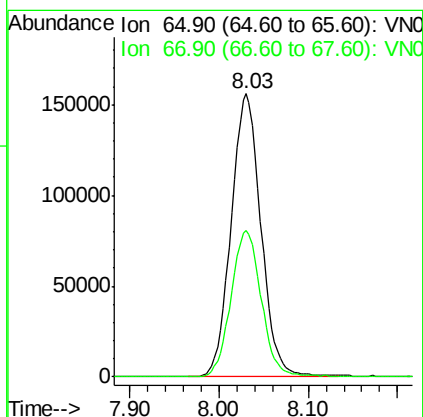
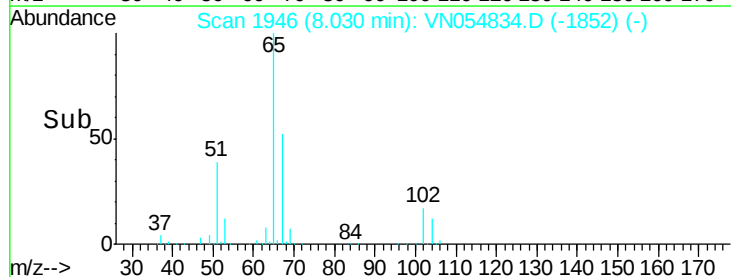
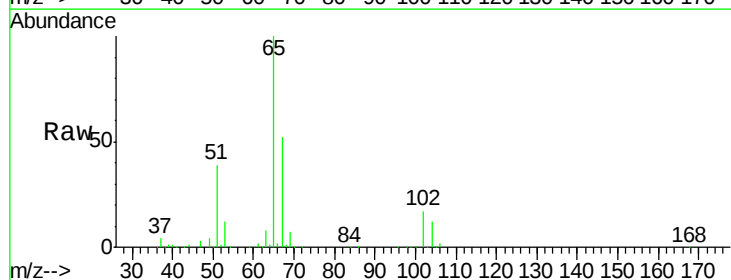
Instrument :
MSVOA_N
ClientSampleId :
AU-06-032819-C

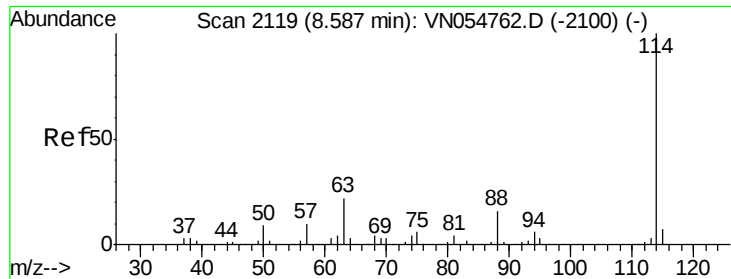
Tot Ion: 84 Resp: 168067
Ion Ratio Lower Upper
84 100
49 146.0 89.7 134.5#
51 42.8 28.2 42.4#
86 65.5 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 50.890 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN054834.D
Acq: 31 Mar 2019 6:10

Tgt Ion: 65 Resp: 361369
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.6

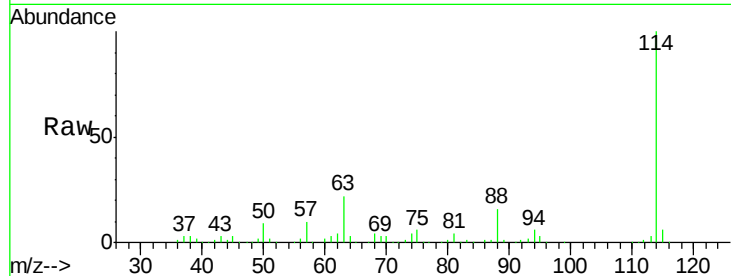




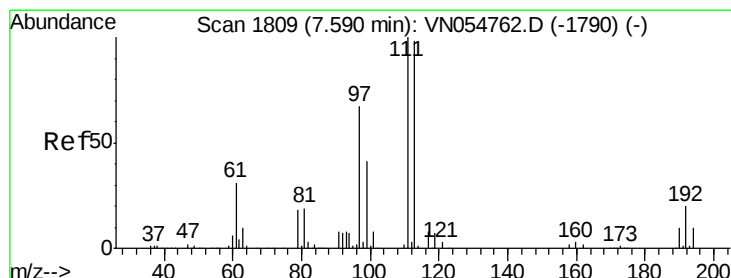
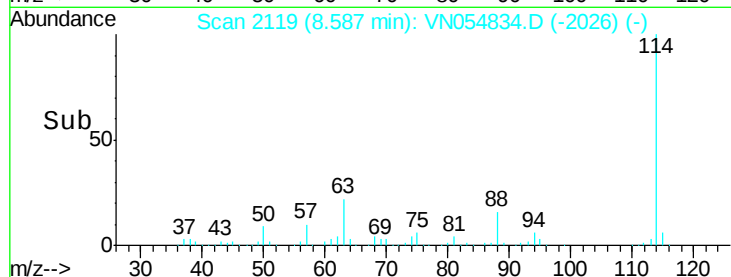
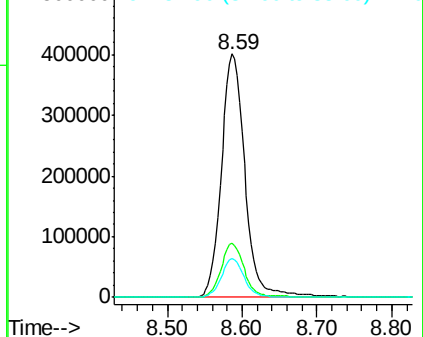
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN054834.D
Acq: 31 Mar 2019 6:10

Instrument :
MSVOA_N
ClientSampleId :
AU-06-032819-C

Tot Ion:114 Resp: 876930
Ion Ratio Lower Upper
114 100
63 22.2 0.0 35.2
88 15.9 0.0 30.2

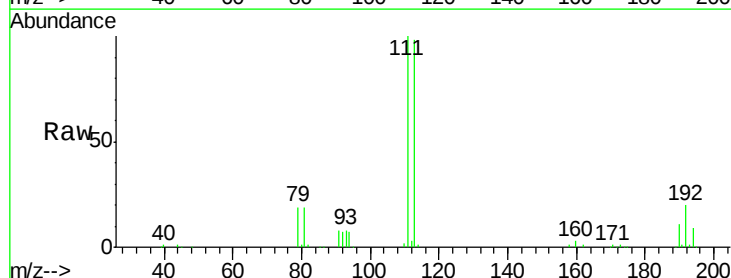


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

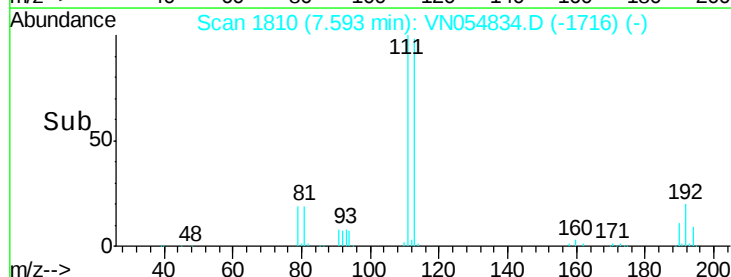
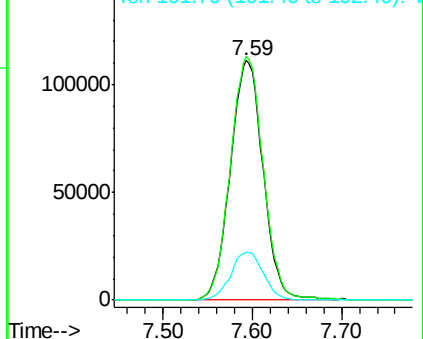


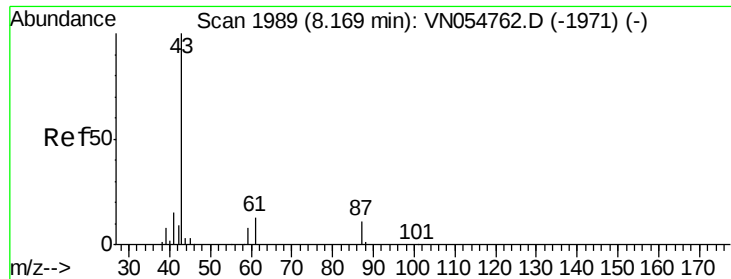
#35
Dibromofluoromethane
Concen: 48.476 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054834.D
Acq: 31 Mar 2019 6:10

Tgt Ion:113 Resp: 283412
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 20.0 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: 1.574 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054834.D

Acq: 31 Mar 2019 6:10

Instrument :

MSVOA_N

ClientSampleId :

AU-06-032819-C

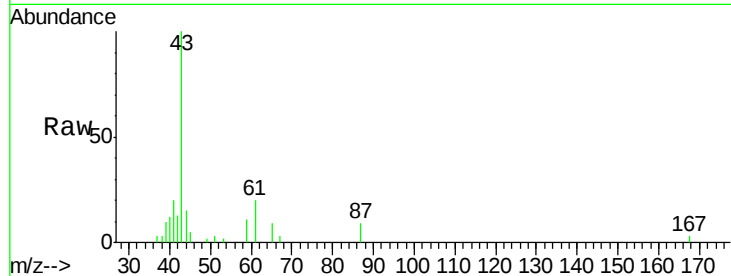
Tot Ion: 43 Resp: 15321

Ion Ratio Lower Upper

43 100

61 18.7 15.8 23.8

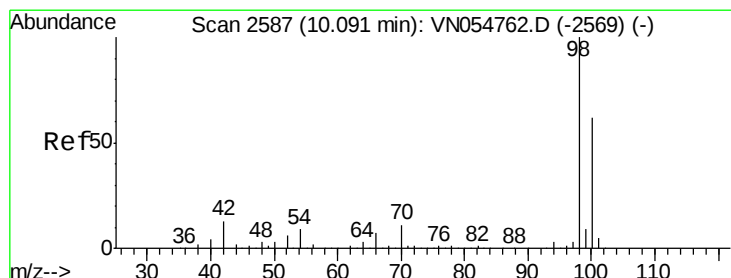
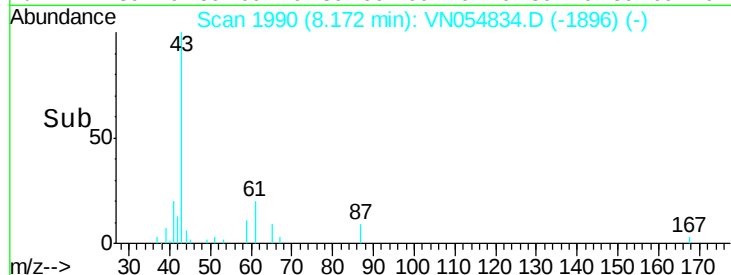
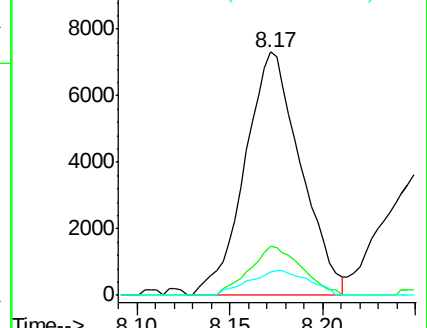
87 10.9 12.0 18.0#



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: 47.958 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054834.D

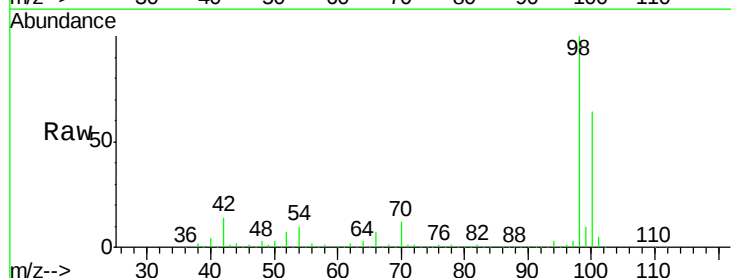
Acq: 31 Mar 2019 6:10

Tgt Ion: 98 Resp: 1042411

Ion Ratio Lower Upper

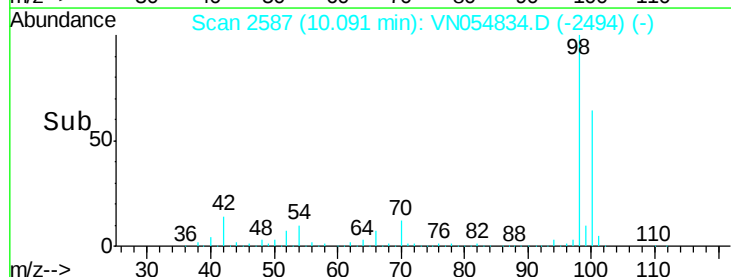
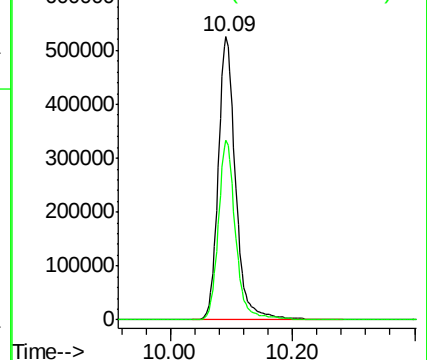
98 100

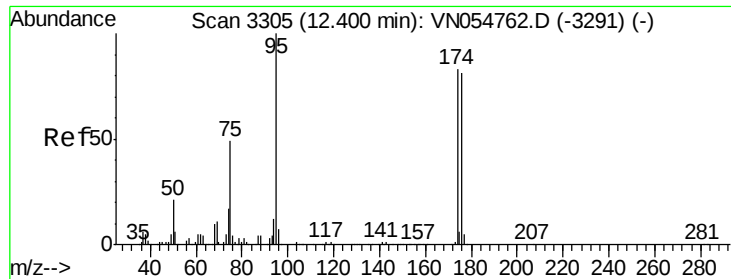
100 62.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 44.670 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054834.D

Acq: 31 Mar 2019 6:10

Instrument :

MSVOA_N

ClientSampleId :

AU-06-032819-C

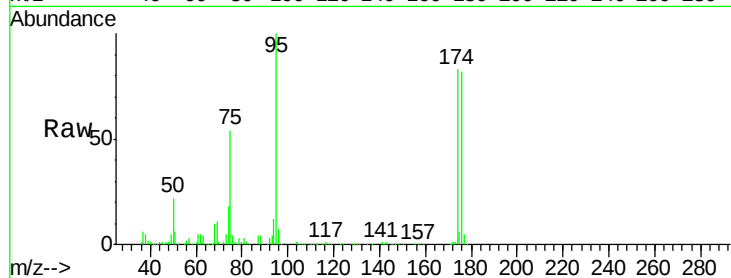
Tot Ion: 95 Resp: 322906

Ion Ratio Lower Upper

95 100

174 83.2 0.0 191.0

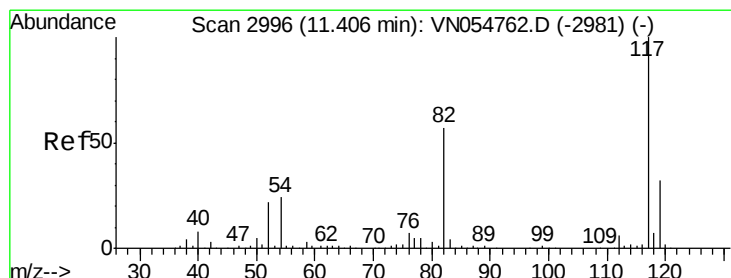
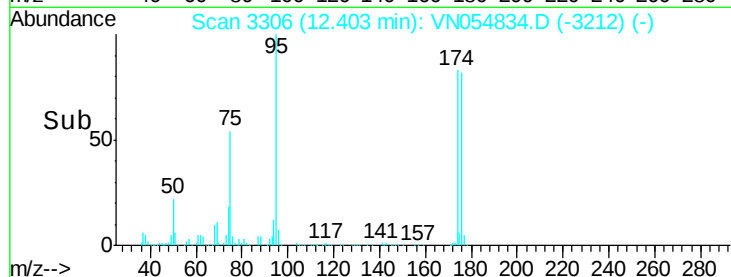
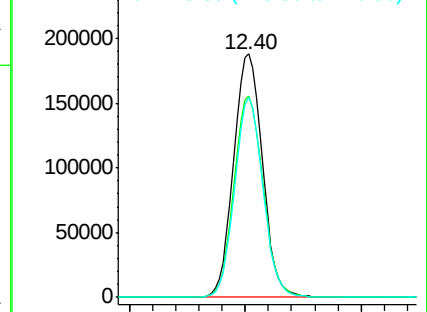
176 80.4 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054762.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN054762.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054762.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN054834.D

Acq: 31 Mar 2019 6:10

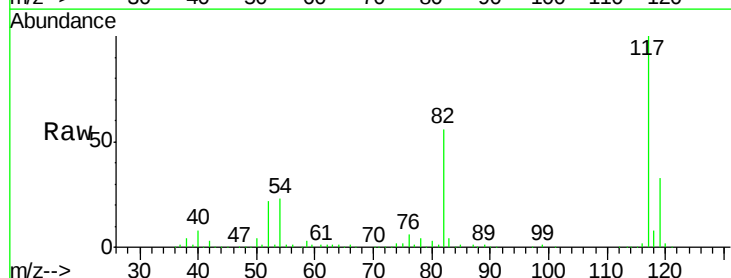
Tgt Ion: 117 Resp: 744042

Ion Ratio Lower Upper

117 100

82 55.6 40.0 60.0

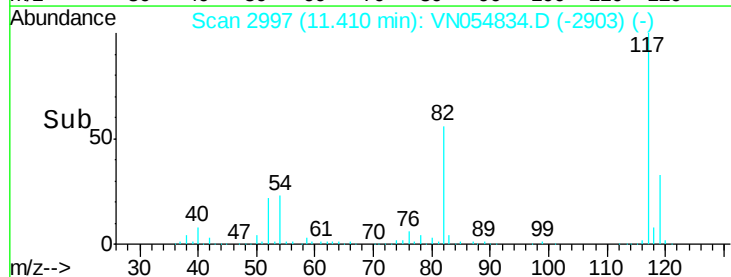
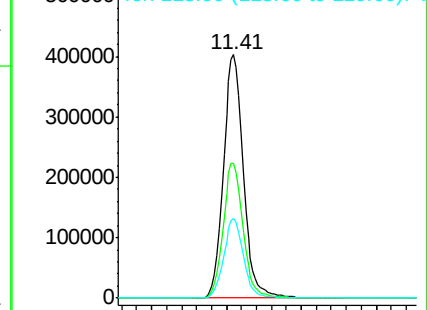
119 32.9 25.8 38.6

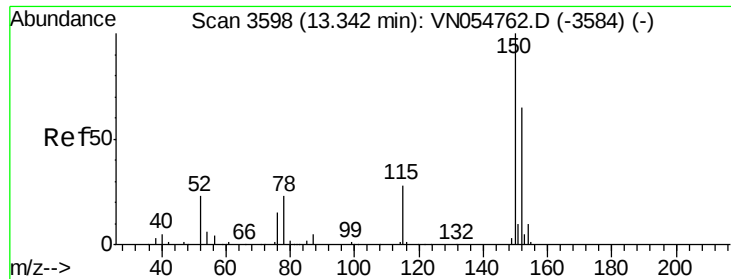


Abundance Ion 116.90 (116.60 to 117.60): VN054762.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN054762.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN054762.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: VN054834.D

Acq: 31 Mar 2019 6:10

Instrument :

MSVOA_N

ClientSampleId :

AU-06-032819-C

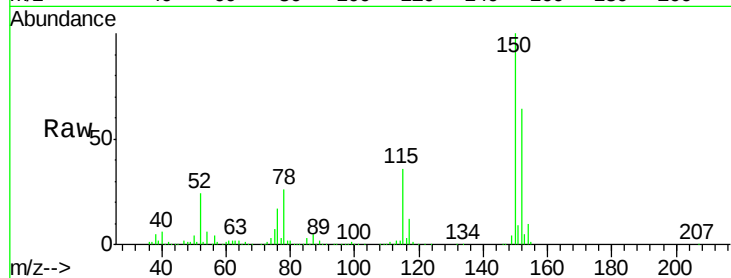
Tot Ion:152 Resp: 269641

Ion Ratio Lower Upper

152 100

115 57.1 27.2 81.6

150 157.0 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

