

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120618\
 Data File : VN052697.D
 Acq On : 6 Dec 2018 14:07
 Operator : MD\SY
 Sample : PB115376ZHE#06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115376ZHE#06

Quant Time: Dec 07 07:05:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

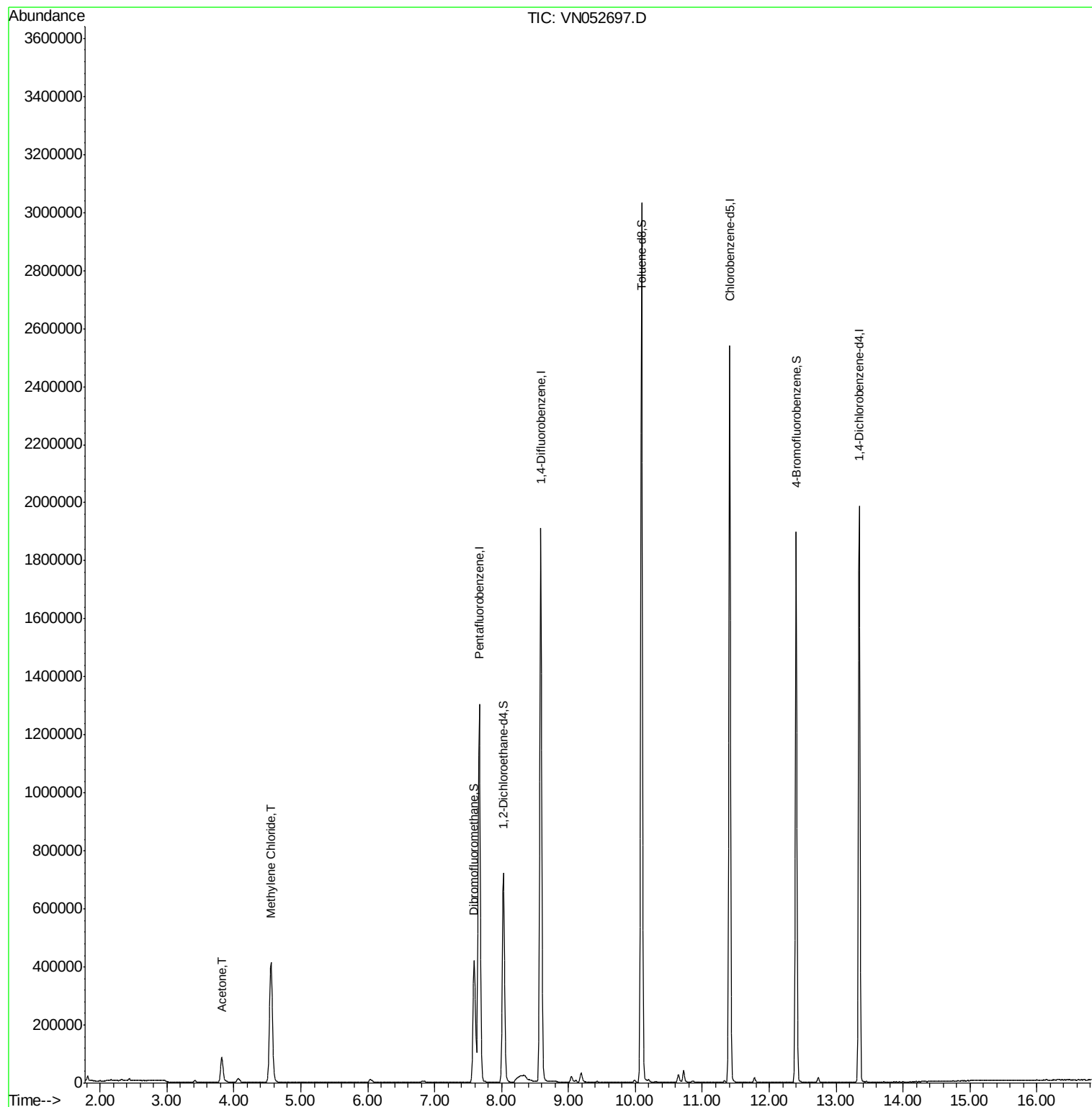
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1132586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1767241	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1547701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	558083	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	608685	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
35) Dibromofluoromethane	7.59	113	329236	30.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.44%	
50) Toluene-d8	10.09	98	2144535	50.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.14%	
62) 4-Bromofluorobenzene	12.40	95	653177	45.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.66%	
Target Compounds						
16) Acetone	3.82	43	155490	47.804	ug/l	99
20) Methylene Chloride	4.55	84	318764	25.043	ug/l	99

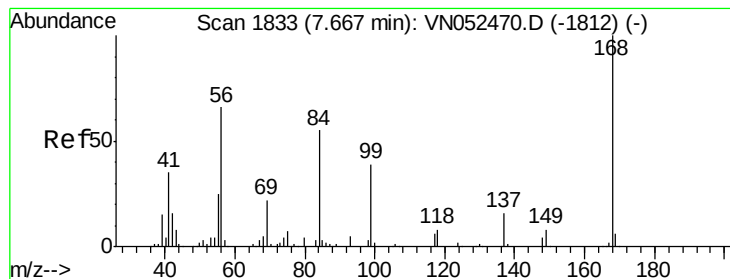
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Dec 03 03:24:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052697.D

Acq: 6 Dec 2018 14:07

Instrument :

MSVOA_N

ClientSampleId :

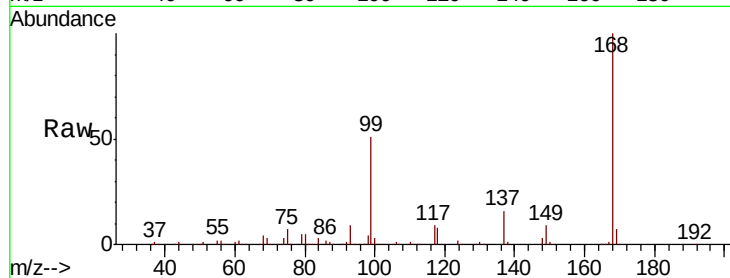
PB115376ZHE#06

Tot Ion:168 Resp: 1132586

Ion Ratio Lower Upper

168 100

99 51.0 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): VN052470.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN052470.D (-1812) (-)

7.67

500000

400000

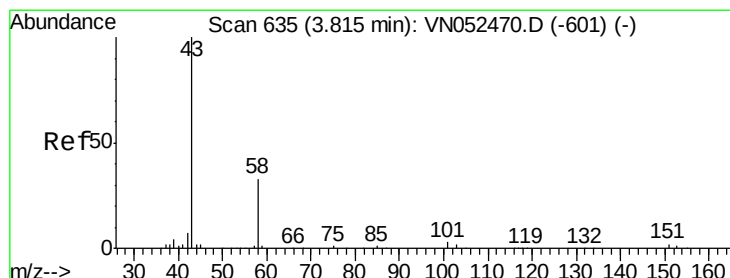
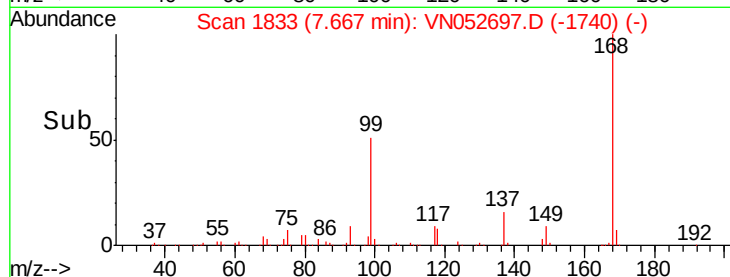
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 47.804 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052697.D

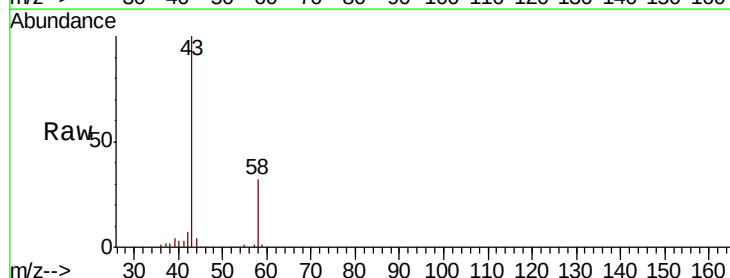
Acq: 6 Dec 2018 14:07

Tgt Ion: 43 Resp: 155490

Ion Ratio Lower Upper

43 100

58 31.9 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN052470.D (-601) (-)

3.82

60000

50000

40000

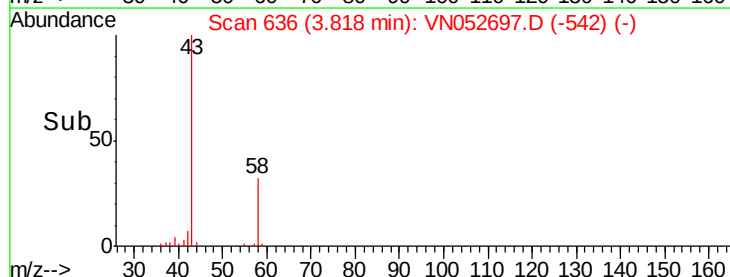
30000

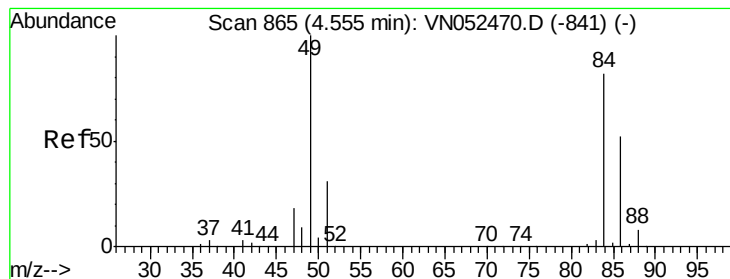
20000

10000

0

Time-->





#20

Methylene Chloride

Concen: 25.043 ug/l

RT: 4.55 min Scan# 865

Delta R.T. -0.00 min

Lab File: VN052697.D

Acq: 6 Dec 2018 14:07

Instrument :

MSVOA_N

ClientSampleId :

PB115376ZHE#06

Tot Ion: 84 Resp: 318764

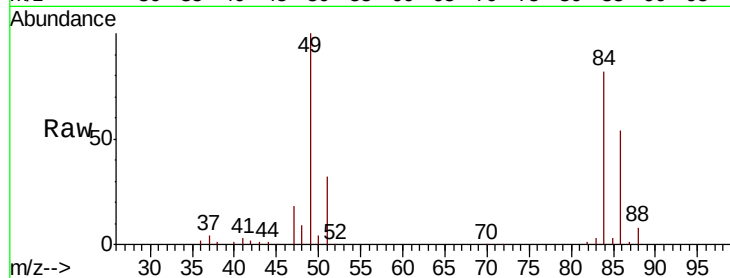
Ion Ratio Lower Upper

84 100

49 121.6 98.0 147.0

51 38.5 30.1 45.1

86 65.3 50.7 76.1



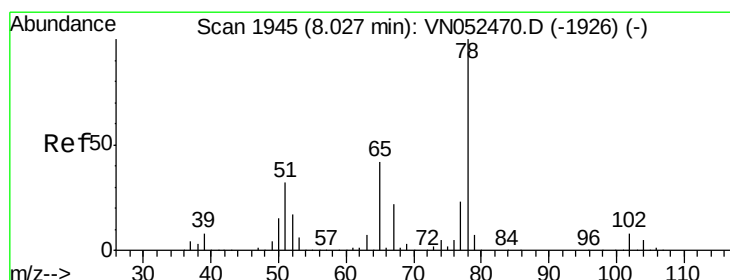
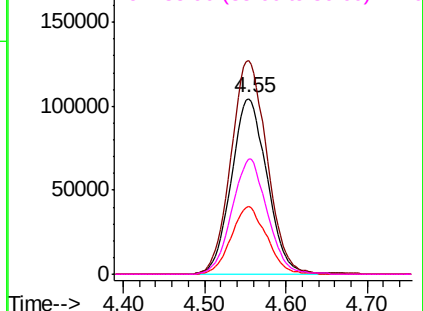
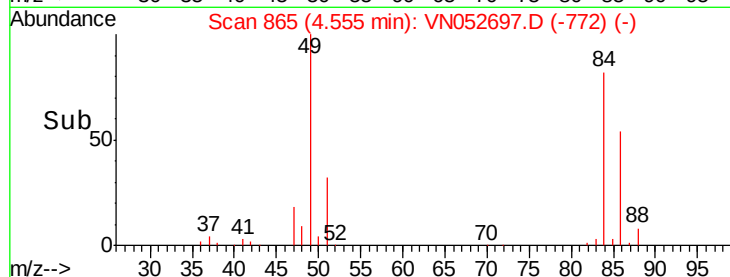
Abundance

Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN052697.D

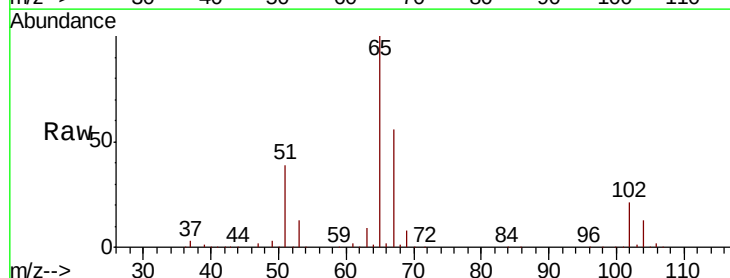
Acq: 6 Dec 2018 14:07

Tgt Ion: 65 Resp: 608685

Ion Ratio Lower Upper

65 100

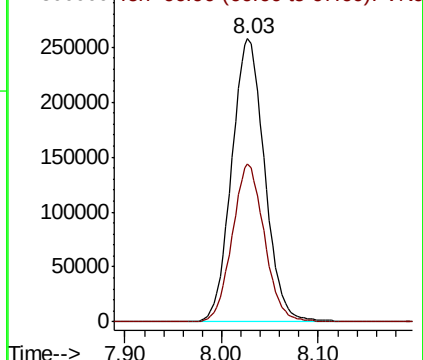
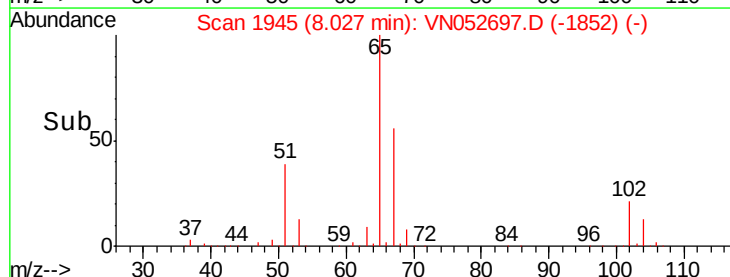
67 54.6 0.0 109.8

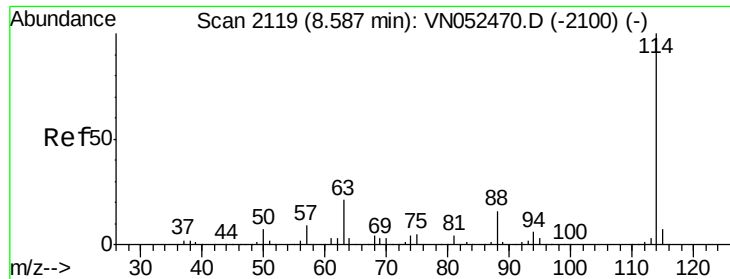


Abundance

Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

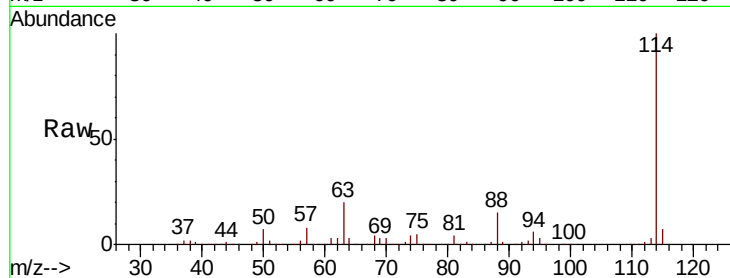




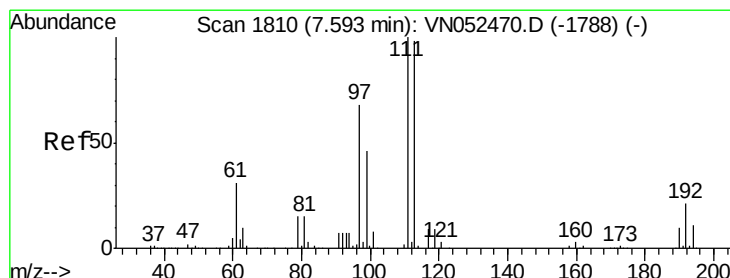
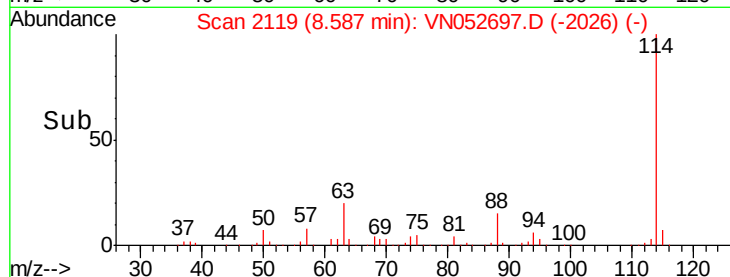
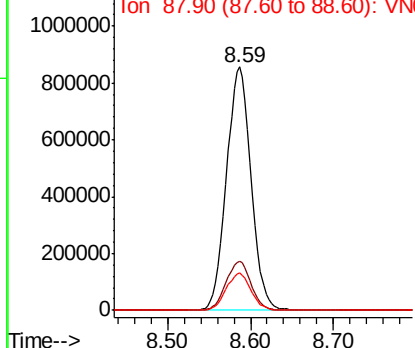
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN052697.D
Acq: 6 Dec 2018 14:07

Instrument :
MSVOA_N
ClientSampleId :
PB115376ZHE#06

Tot Ion:114 Resp: 1767241
Ion Ratio Lower Upper
114 100
63 20.0 0.0 41.8
88 15.3 0.0 31.6

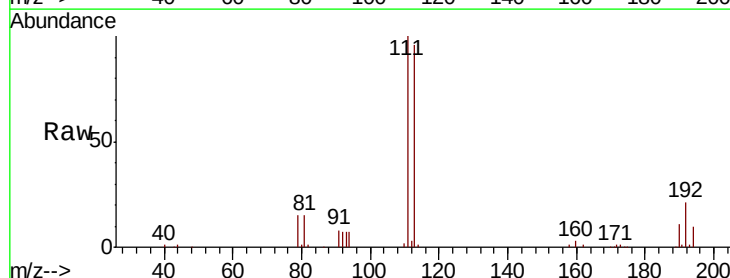


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

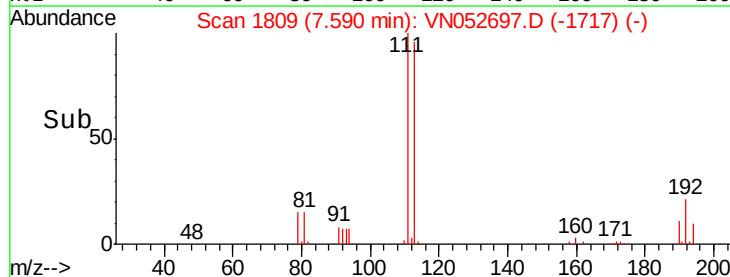
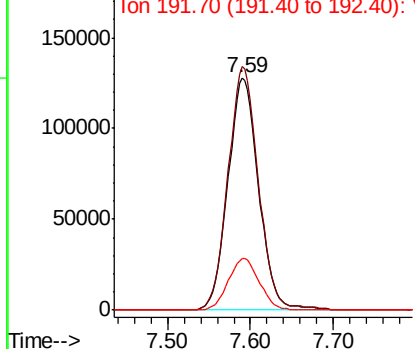


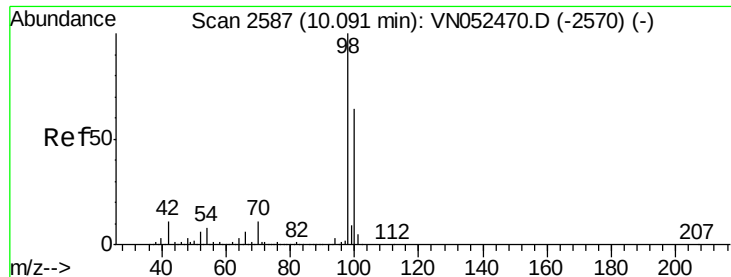
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN052697.D
Acq: 6 Dec 2018 14:07

Tgt Ion:113 Resp: 329236
Ion Ratio Lower Upper
113 100
111 103.9 82.0 123.0
192 22.4 17.0 25.6



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





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052697.D

Acq: 6 Dec 2018 14:07

Instrument :

MSVOA_N

ClientSampleId :

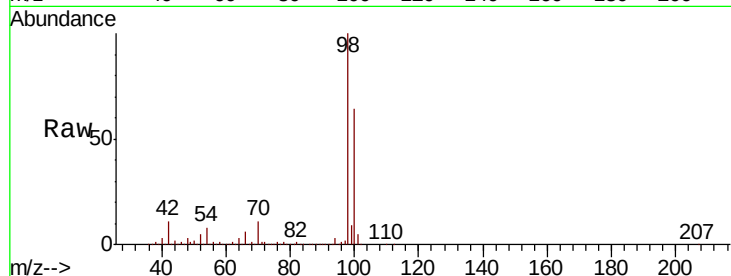
PB115376ZHE#06

Tot Ion: 98 Resp: 2144535

Ion Ratio Lower Upper

98 100

100 64.5 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN052470.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052470.D (-2570) (-)

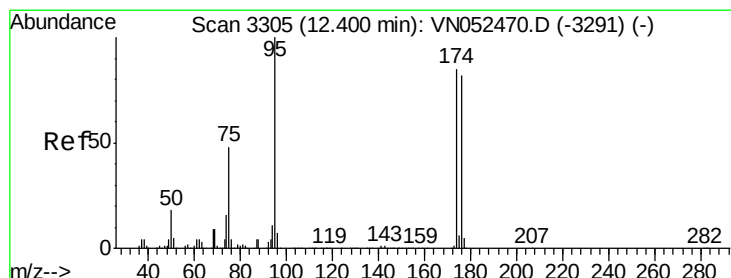
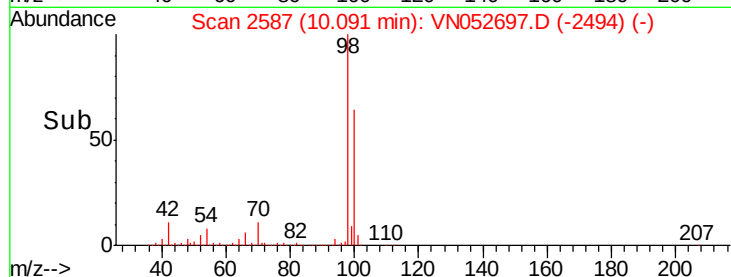
10.09

1000000

500000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052697.D

Acq: 6 Dec 2018 14:07

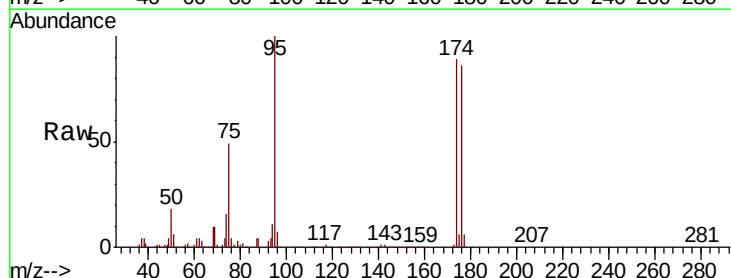
Tgt Ion: 95 Resp: 653177

Ion Ratio Lower Upper

95 100

174 89.3 0.0 173.0

176 86.3 0.0 166.2



Abundance Ion 94.90 (94.60 to 95.60): VN052470.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN052470.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN052470.D (-3291) (-)

12.40

500000

400000

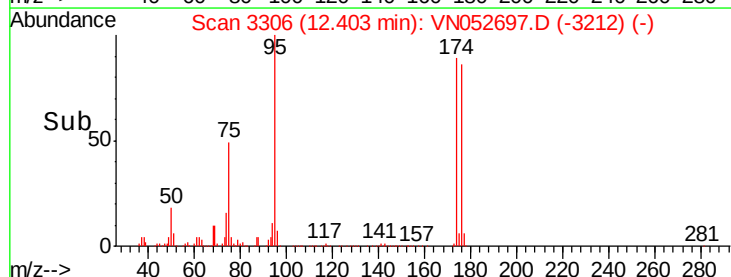
300000

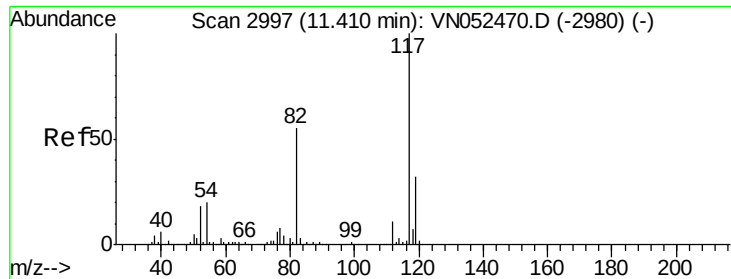
200000

100000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. -0.00 min

Lab File: VN052697.D

Acq: 6 Dec 2018 14:07

Instrument :

MSVOA_N

ClientSampleId :

PB115376ZHE#06

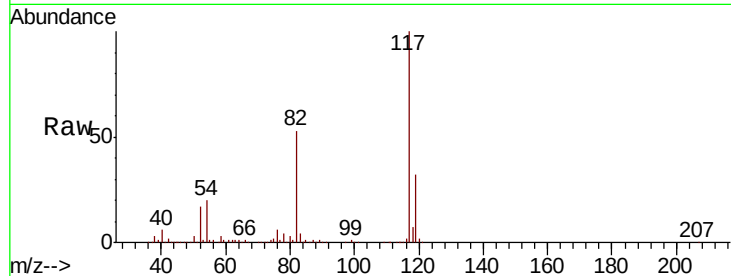
Tot Ion:117 Resp: 1547701

Ion Ratio Lower Upper

117 100

82 53.3 43.6 65.4

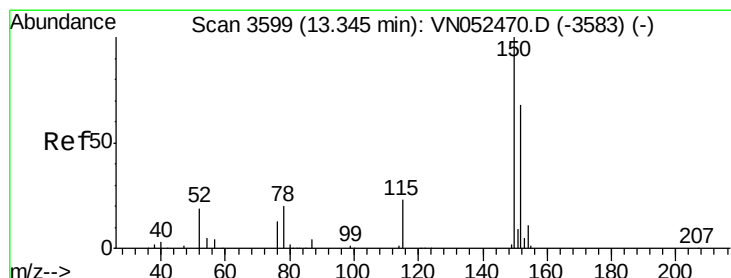
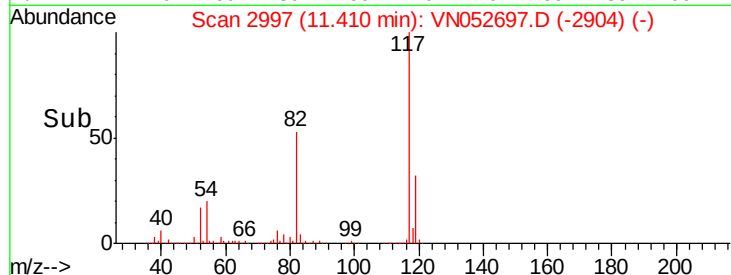
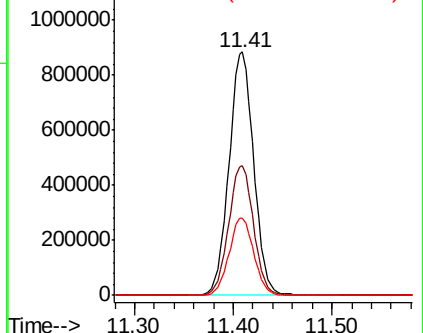
119 31.8 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN052697.D

Acq: 6 Dec 2018 14:07

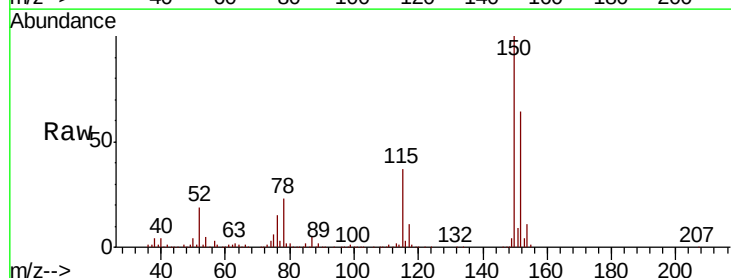
Tgt Ion:152 Resp: 558083

Ion Ratio Lower Upper

152 100

115 57.5 28.4 85.2

150 158.0 0.0 346.0



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

