

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080218\
 Data File : VN050297.D
 Acq On : 3 Aug 2018 5:52
 Operator : MD\SY
 Sample : J4303-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-A18

Quant Time: Aug 03 08:01:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

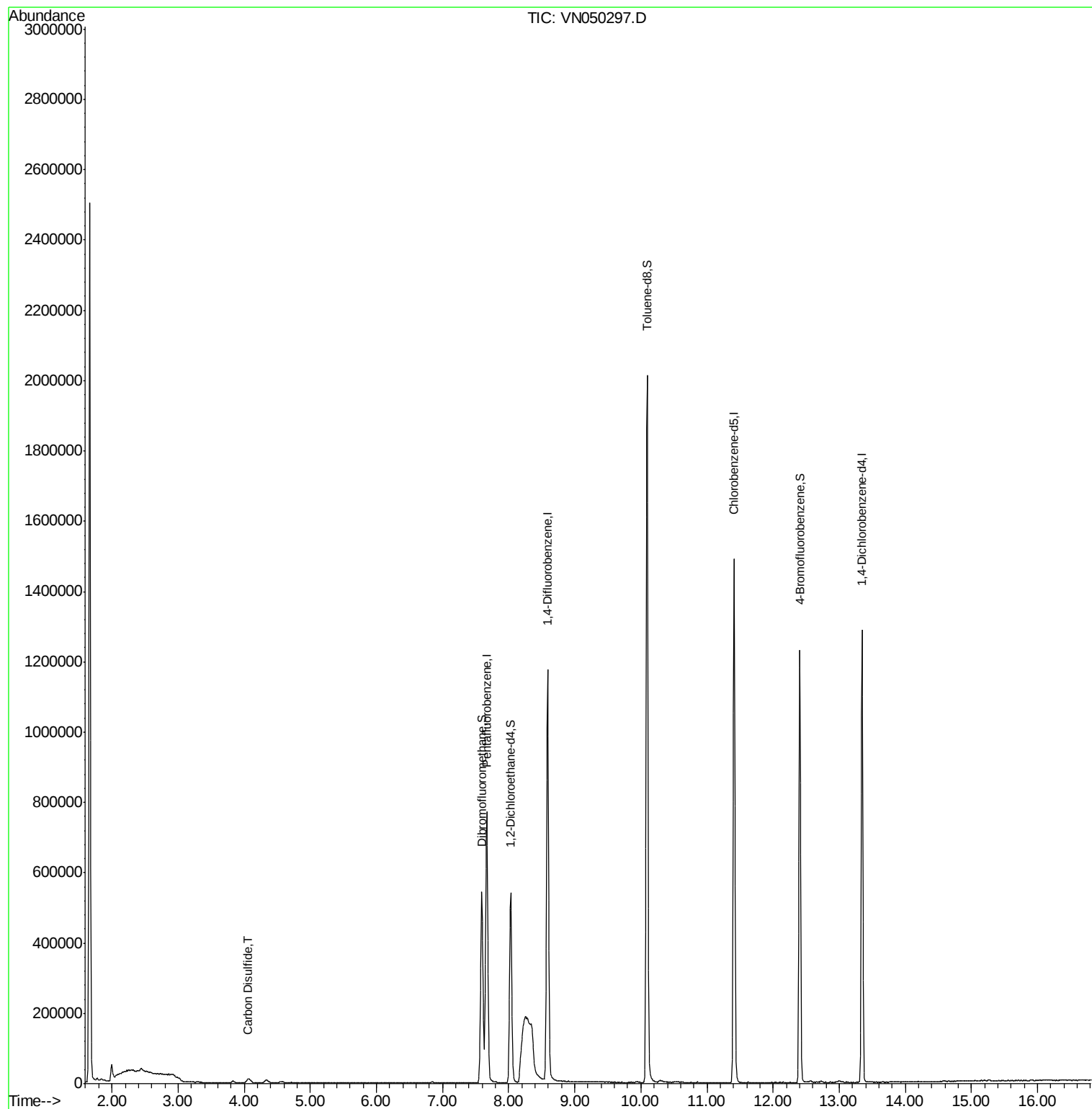
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	659354	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1094594	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	901132	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	358091	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	461489	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	
35) Dibromofluoromethane	7.59	113	415363	46.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.96%	
50) Toluene-d8	10.09	98	1472864	44.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.66%	
62) 4-Bromofluorobenzene	12.40	95	418891	38.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.44%	
Target Compounds						
17) Carbon Disulfide	4.05	76	17461	0.750	ug/l #	94

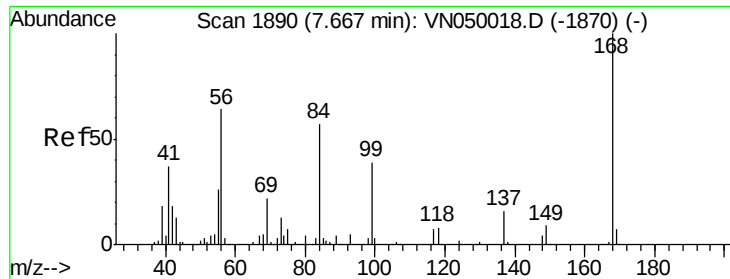
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050297.D

Acq: 3 Aug 2018 5:52

Instrument :

MSVOA_N

ClientSampled :

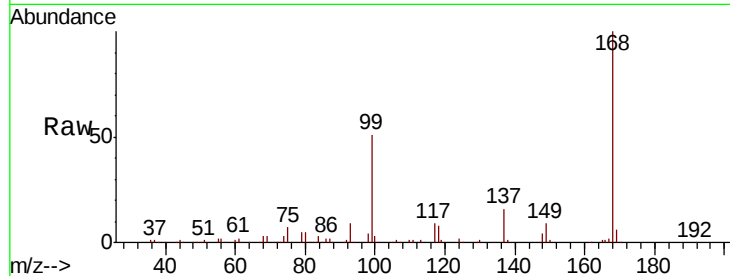
MW-A18

Tot Ion:168 Resp: 659354

Ion Ratio Lower Upper

168 100

99 51.0 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

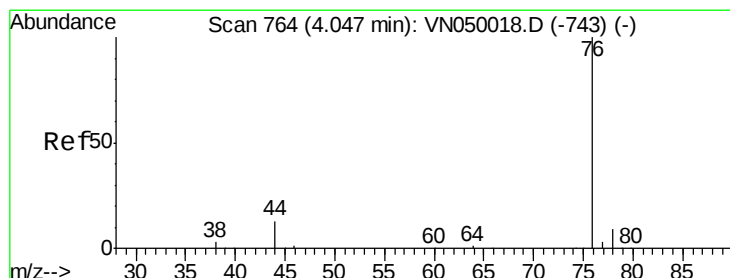
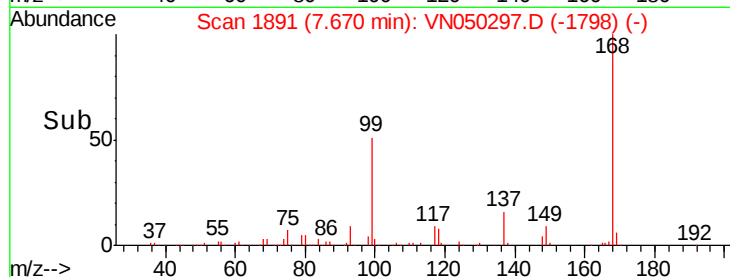
150000

100000

50000

0

Time-->



#17

Carbon Disulfide

Concen: 0.750 ug/l

RT: 4.05 min Scan# 764

Delta R.T. -0.00 min

Lab File: VN050297.D

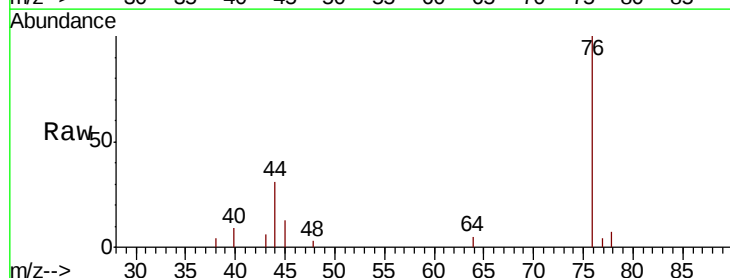
Acq: 3 Aug 2018 5:52

Tgt Ion: 76 Resp: 17461

Ion Ratio Lower Upper

76 100

78 6.8 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO

4.05

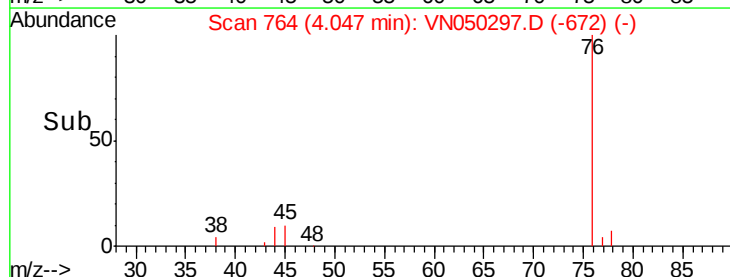
6000

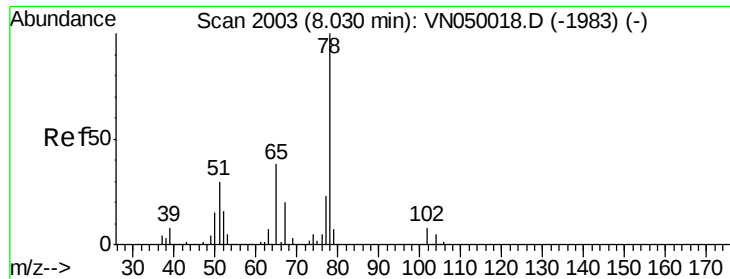
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 50.165 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050297.D

Acq: 3 Aug 2018 5:52

Instrument :

MSVOA_N

ClientSampleId :

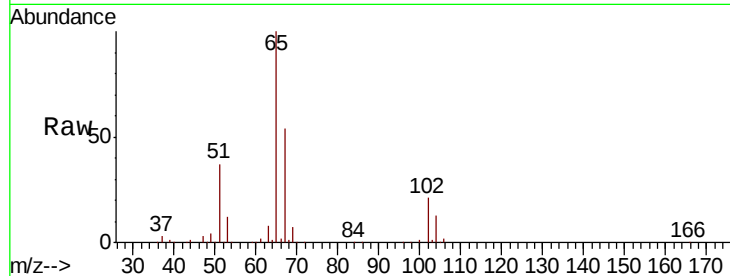
MW-A18

Tot Ion: 65 Resp: 461489

Ion Ratio Lower Upper

65 100

67 53.7 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

200000

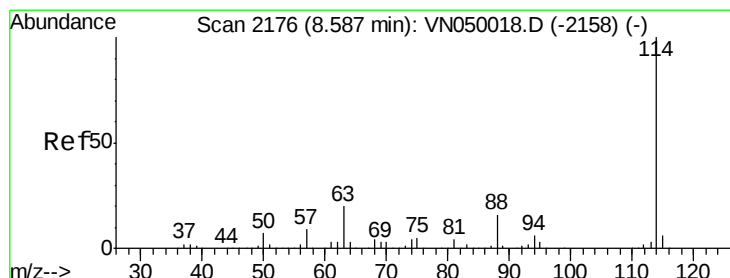
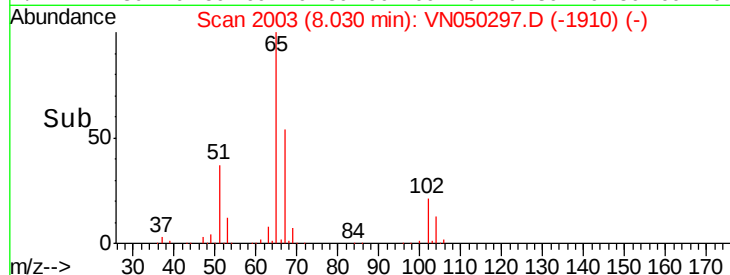
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050297.D

Acq: 3 Aug 2018 5:52

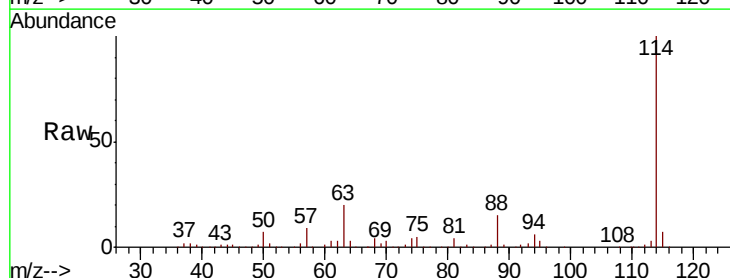
Tgt Ion: 114 Resp: 1094594

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.0

88 15.2 0.0 31.2



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

8.59

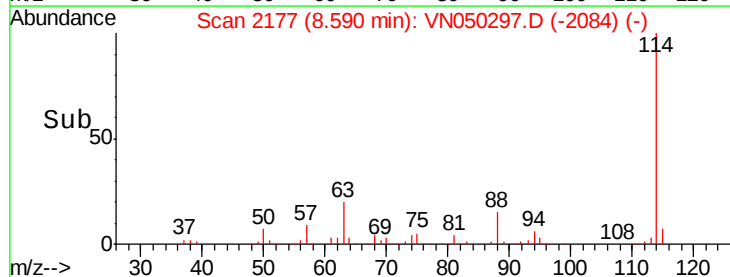
600000

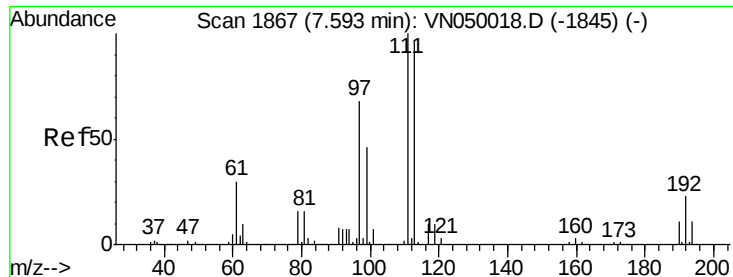
400000

200000

0

Time-->

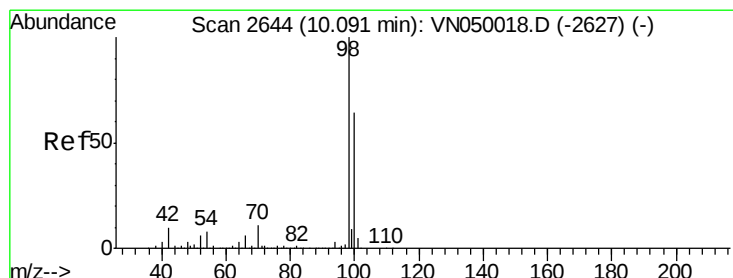
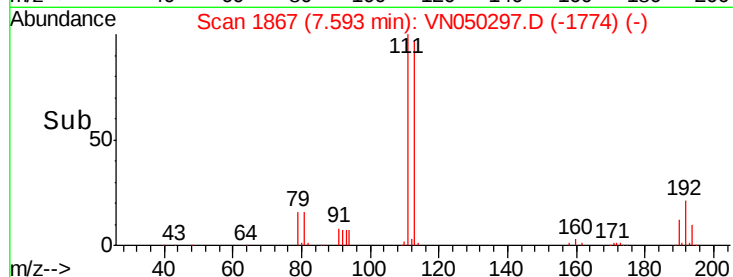
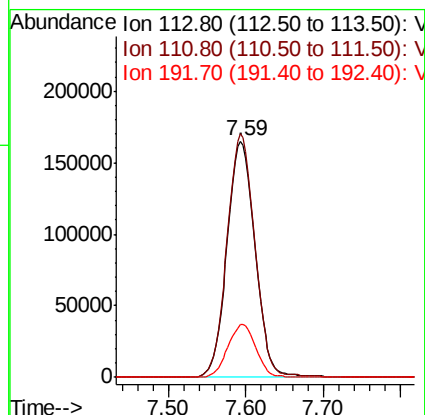
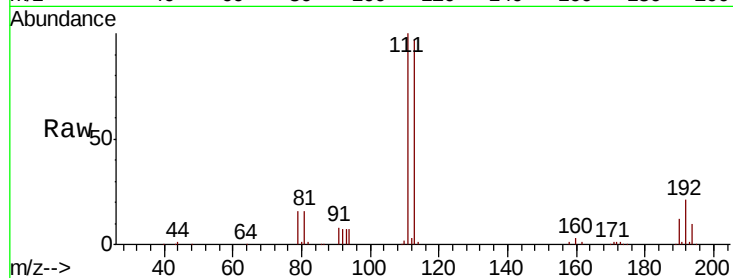




#35
 Dibromofluoromethane
 Concen: 46.476 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050297.D
 Acq: 3 Aug 2018 5:52

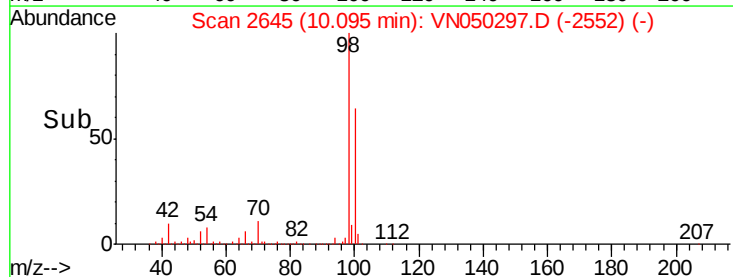
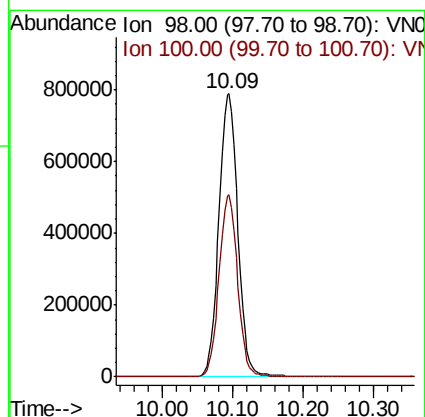
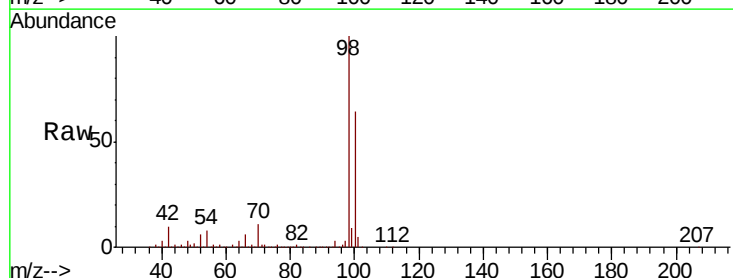
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-A18

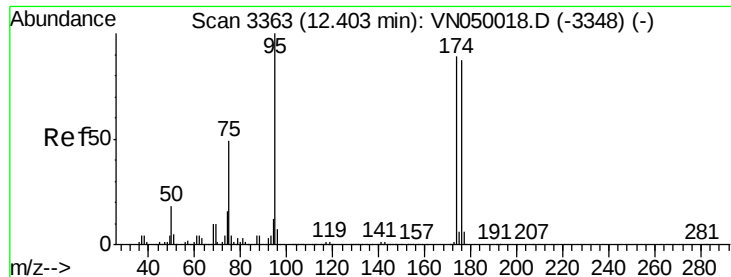
Tot Ion:113 Resp: 415363
 Ion Ratio Lower Upper
 113 100
 111 101.9 80.7 121.1
 192 22.5 17.8 26.6



#50
 Toluene-d8
 Concen: 44.827 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VN050297.D
 Acq: 3 Aug 2018 5:52

Tgt Ion: 98 Resp: 1472864
 Ion Ratio Lower Upper
 98 100
 100 63.4 50.7 76.1





#62

4-Bromofluorobenzene

Concen: 38.719 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050297.D

Acq: 3 Aug 2018 5:52

Instrument :

MSVOA_N

ClientSampleId :

MW-A18

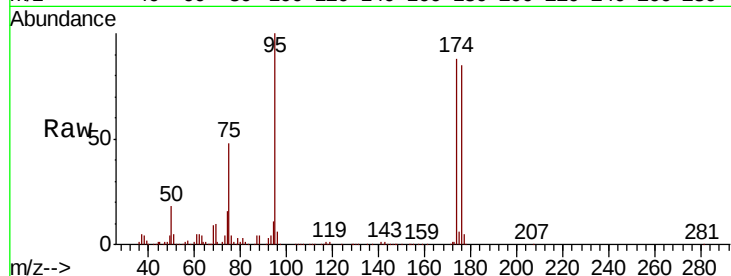
Tot Ion: 95 Resp: 418891

Ion Ratio Lower Upper

95 100

174 90.5 0.0 178.2

176 86.8 0.0 173.4

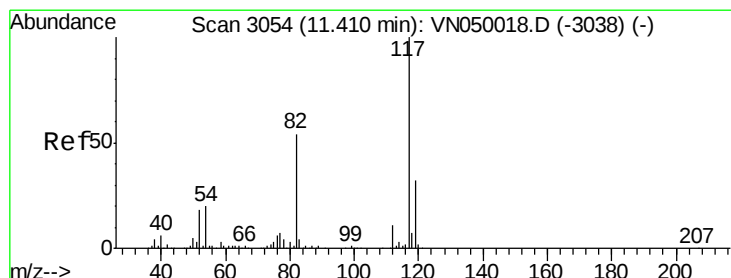
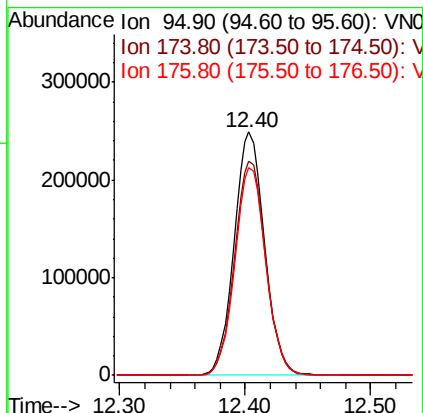
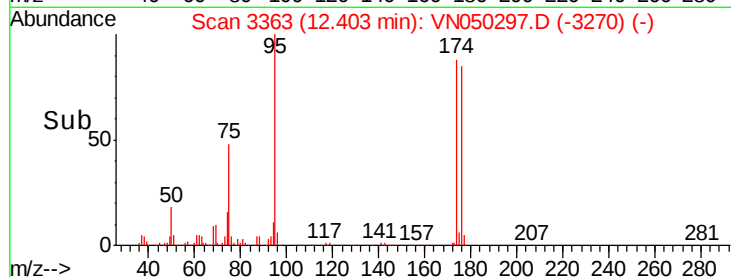


Abundance Ion 94.90 (94.60 to 95.60): VN050018.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN050018.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN050018.D (-3348) (-)

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050297.D

Acq: 3 Aug 2018 5:52

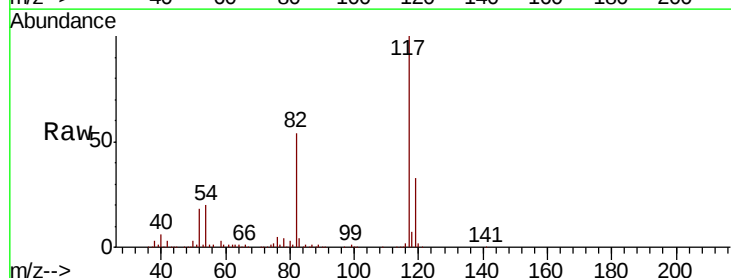
Tgt Ion: 117 Resp: 901132

Ion Ratio Lower Upper

117 100

82 54.2 43.7 65.5

119 32.7 26.1 39.1

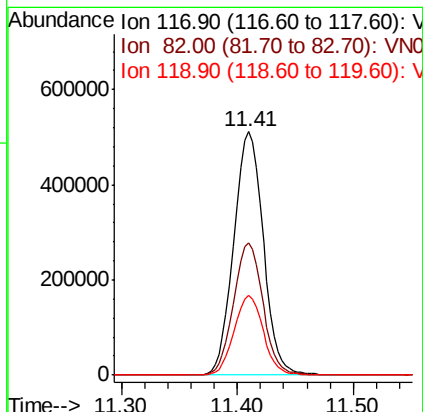
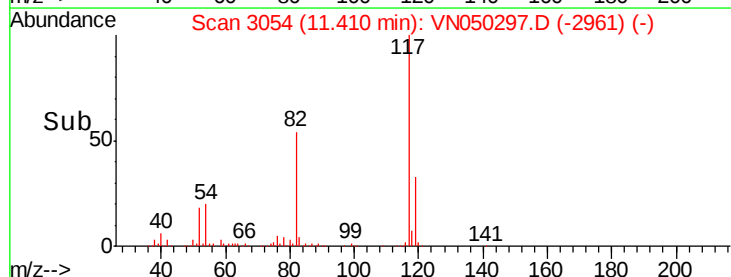


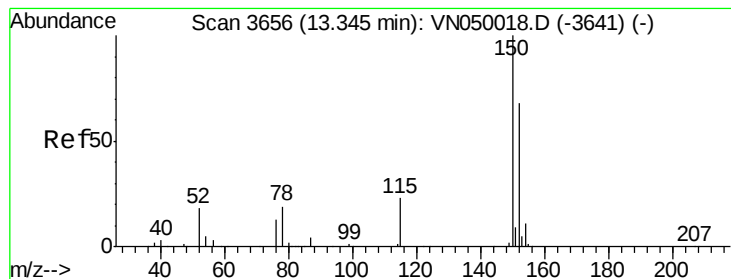
Abundance Ion 116.90 (116.60 to 117.60): VN050018.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050018.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050018.D (-3038) (-)

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050297.D

Acq: 3 Aug 2018 5:52

Instrument :

MSVOA_N

ClientSampleId :

MW-A18

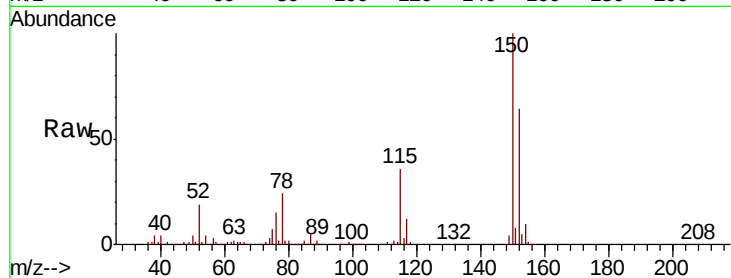
Tot Ion:152 Resp: 358091

Ion Ratio Lower Upper

152 100

115 56.0 27.8 83.3

150 155.7 0.0 348.6



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

