

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070618\
 Data File : VN049747.D
 Acq On : 6 Jul 2018 18:47
 Operator : MD\SY
 Sample : IBLANK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLANK

Quant Time: Jul 06 23:05:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:55:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1147334	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1887934	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1514715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	498667	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	786468	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	
35) Dibromofluoromethane	7.59	113	673895	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
50) Toluene-d8	10.09	98	2500191	45.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.52%	
62) 4-Bromofluorobenzene	12.40	95	670898	35.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.14%	

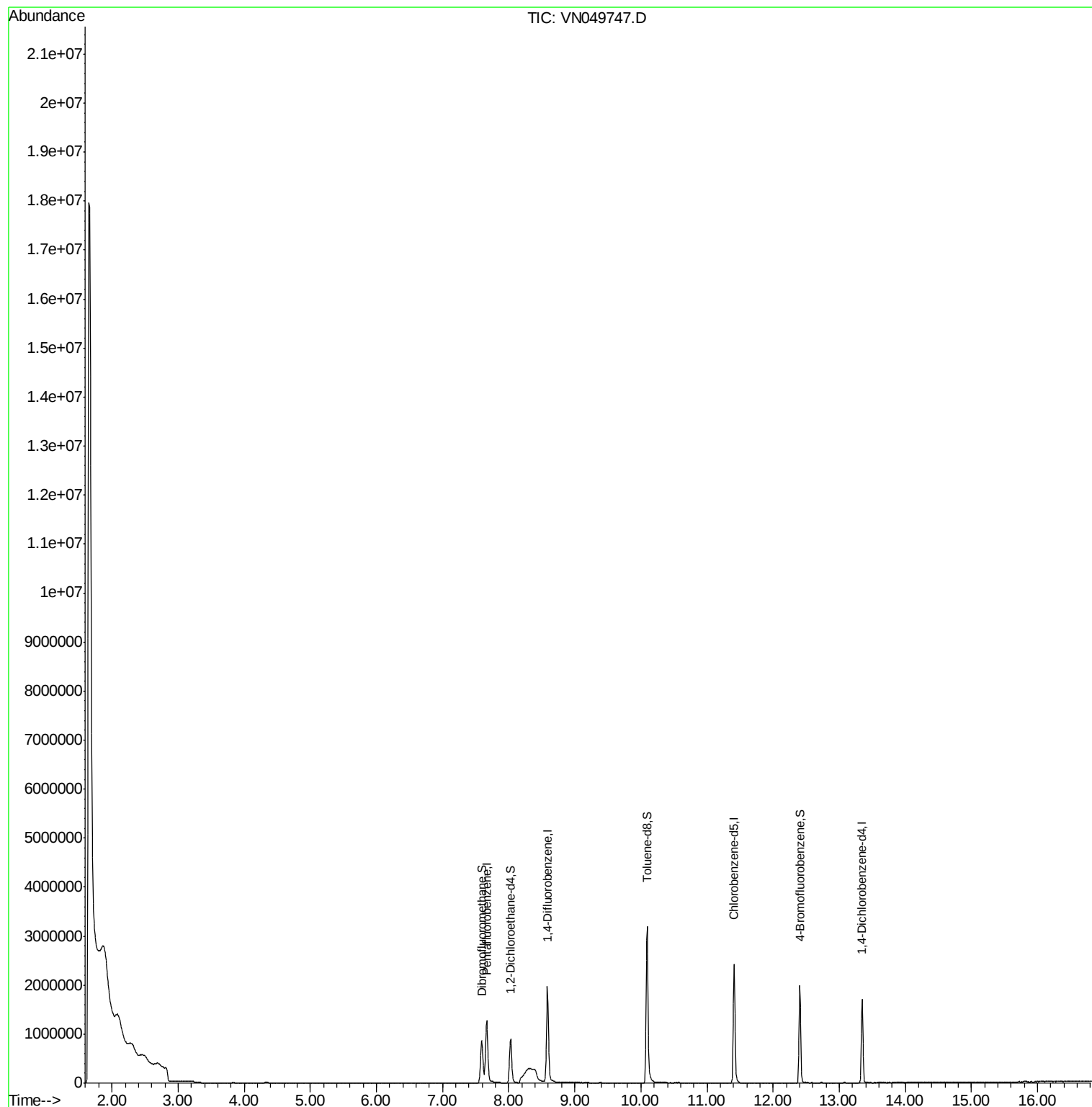
Target Compounds	Qvalue

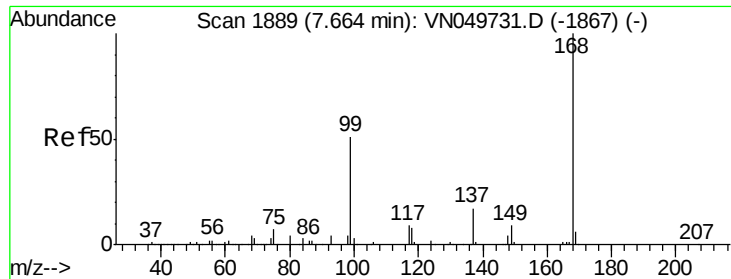
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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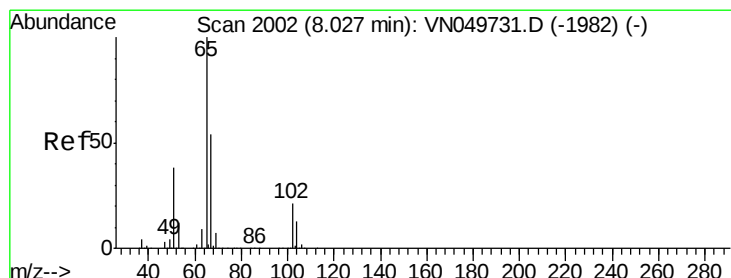
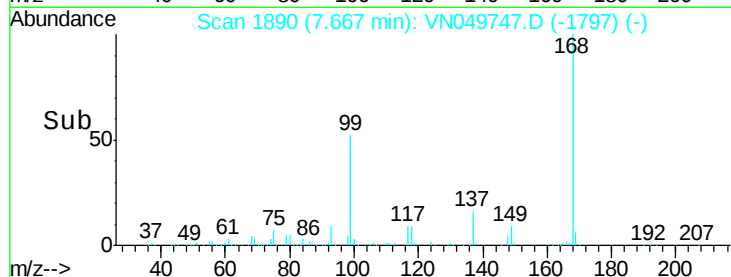
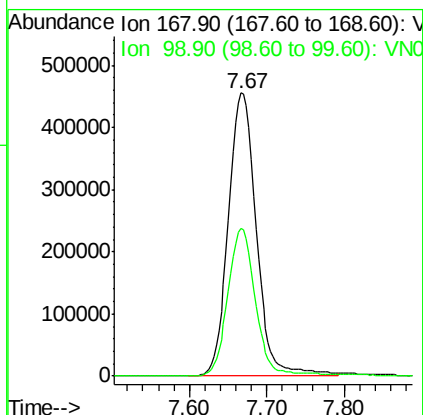
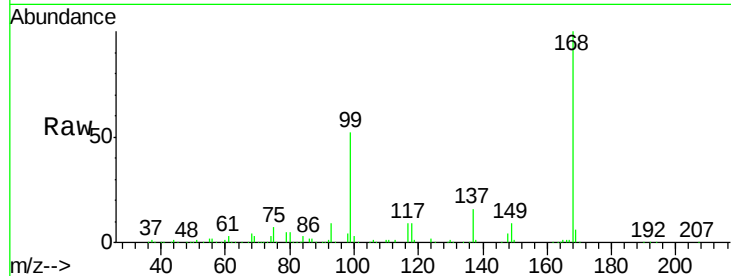




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.00 min
Lab File: VN049747.D
Acq: 6 Jul 2018 18:47

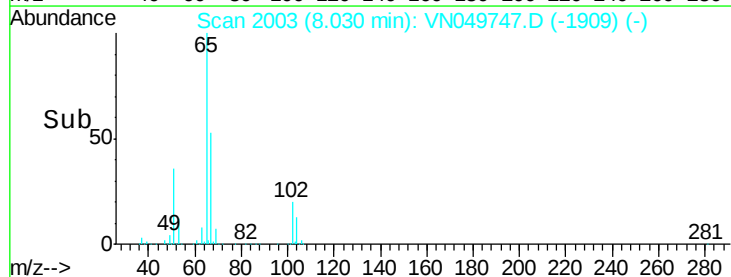
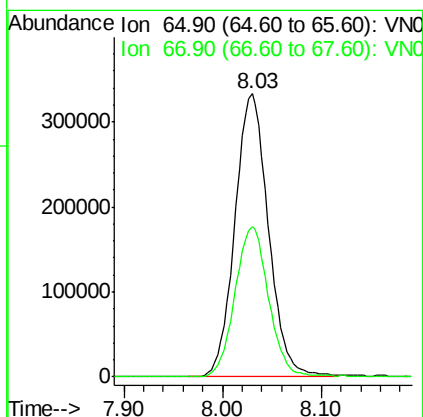
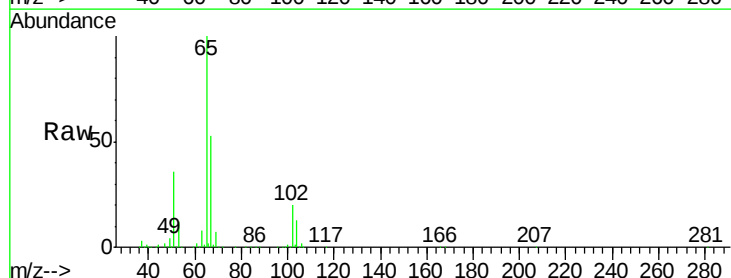
Instrument :
MSVOA_N
ClientSampled :
IBLANK

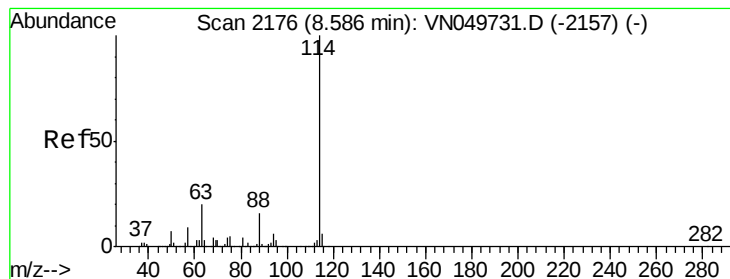
Tot Ion:168 Resp: 1147334
Ion Ratio Lower Upper
168 100
99 52.4 40.6 61.0



#33
1,2-Dichloroethane-d4
Concen: 51.906 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049747.D
Acq: 6 Jul 2018 18:47

Tgt Ion: 65 Resp: 786468
Ion Ratio Lower Upper
65 100
67 53.2 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN049747.D

Acq: 6 Jul 2018 18:47

Instrument :

MSVOA_N

ClientSampleId :

IBLANK

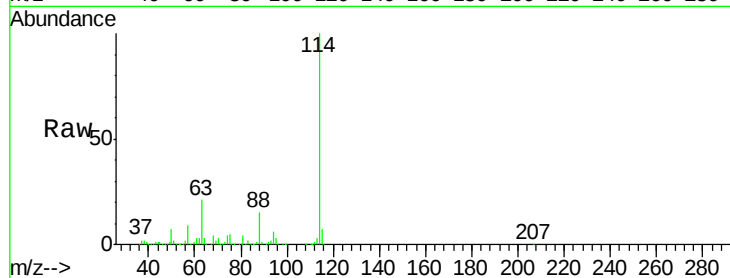
Tot Ion:114 Resp: 1887934

Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.8

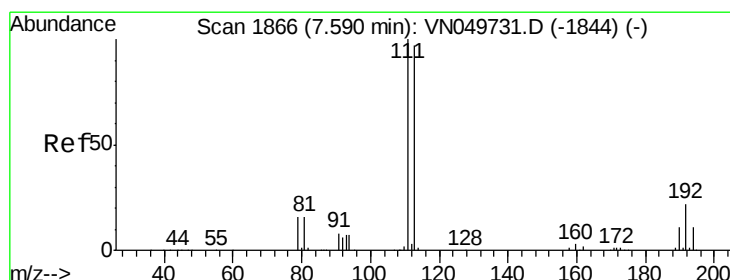
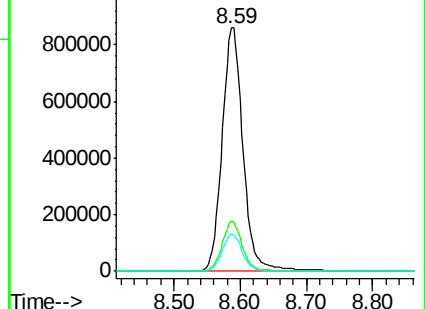
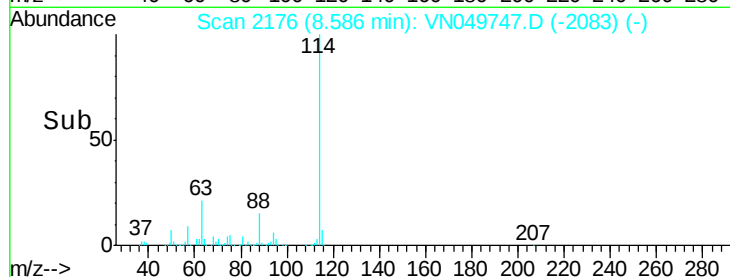
88 15.2 0.0 30.6



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: 47.746 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049747.D

Acq: 6 Jul 2018 18:47

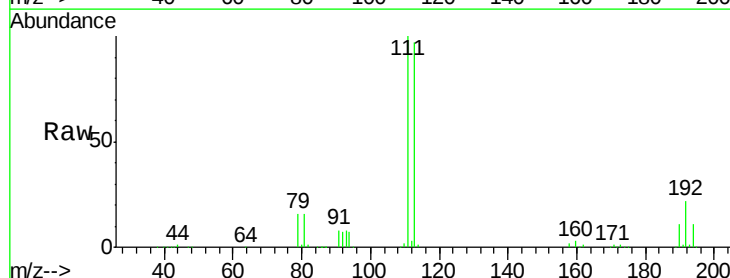
Tgt Ion:113 Resp: 673895

Ion Ratio Lower Upper

113 100

111 102.1 81.8 122.8

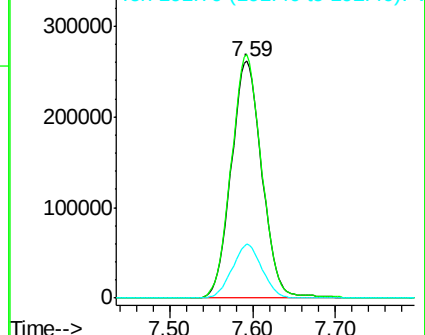
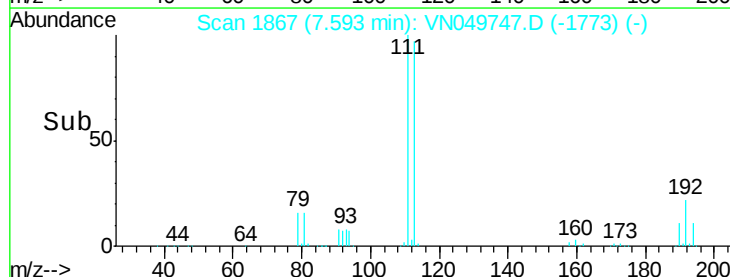
192 22.1 17.8 26.6

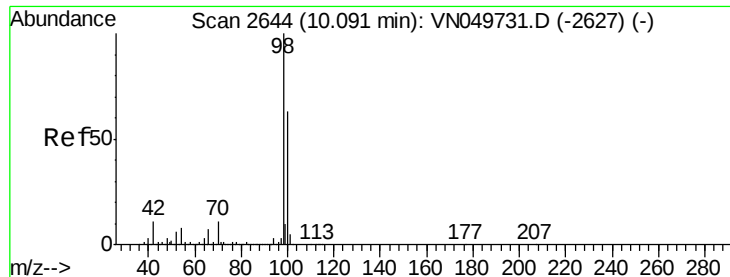


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 45.255 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049747.D

Acq: 6 Jul 2018 18:47

Instrument :

MSVOA_N

ClientSampled :

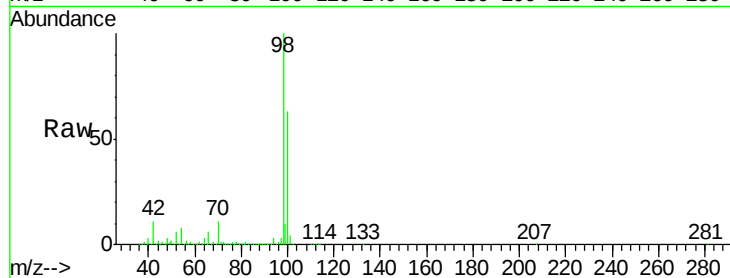
IBLANK

Tot Ion: 98 Resp: 2500191

Ion Ratio Lower Upper

98 100

100 63.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN049731.D (-2627) (-)

Ion 100.00 (99.70 to 100.70): VN049731.D (-2627) (-)

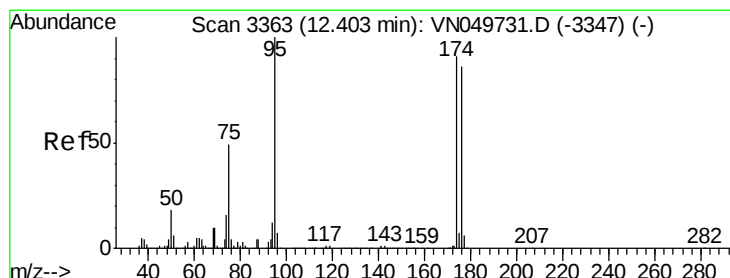
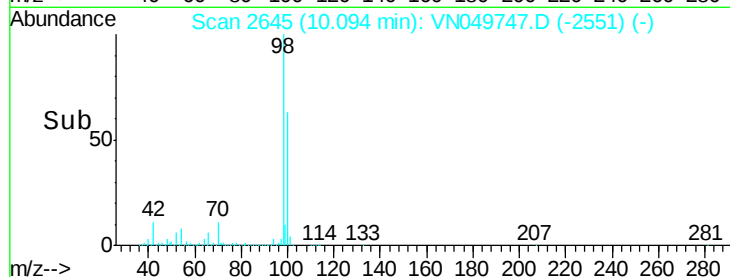
10.09

1000000

500000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 35.569 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049747.D

Acq: 6 Jul 2018 18:47

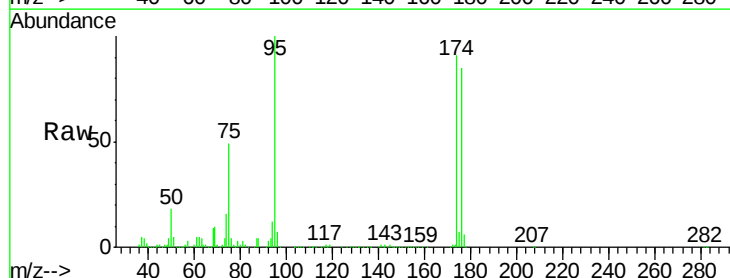
Tgt Ion: 95 Resp: 670898

Ion Ratio Lower Upper

95 100

174 91.8 0.0 179.6

176 87.1 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): VN049731.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN049731.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN049731.D (-3347) (-)

12.40

500000

400000

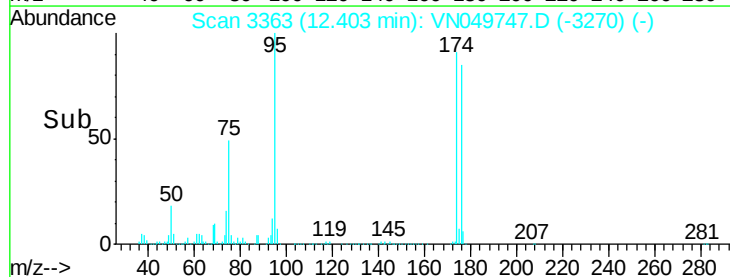
300000

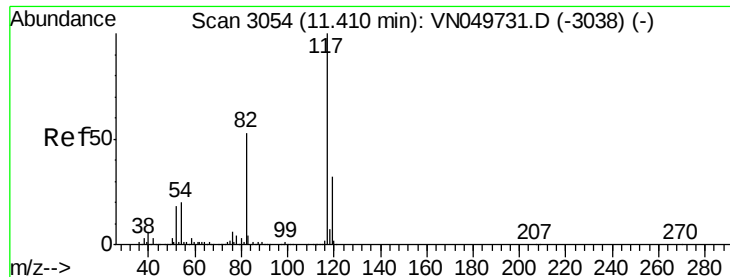
200000

100000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049747.D

Acq: 6 Jul 2018 18:47

Instrument :

MSVOA_N

ClientSampled :

IBLANK

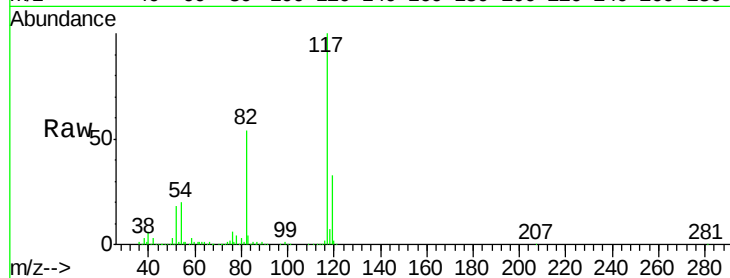
Tot Ion:117 Resp: 1514715

Ion Ratio Lower Upper

117 100

82 54.4 41.9 62.9

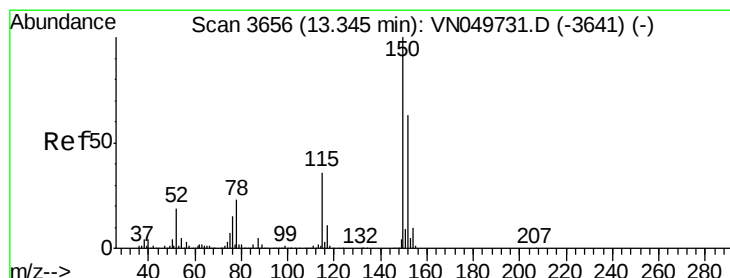
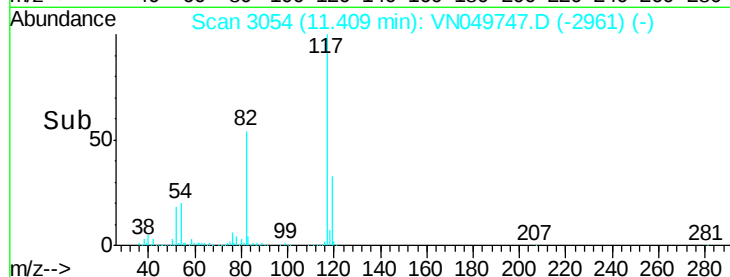
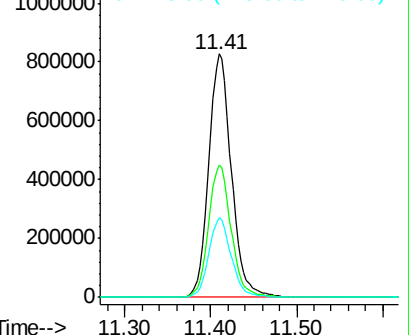
119 32.6 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049747.D

Acq: 6 Jul 2018 18:47

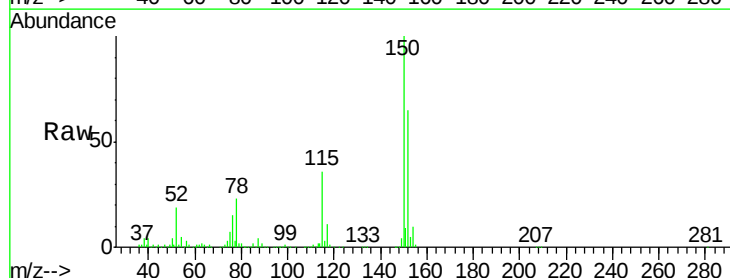
Tgt Ion:152 Resp: 498667

Ion Ratio Lower Upper

152 100

115 56.5 28.1 84.2

150 157.1 0.0 347.6



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

