

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\
 Data File : VN049609.D
 Acq On : 29 Jun 2018 00:26
 Operator : MD\SY
 Sample : VN0628WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0628WBL02

Quant Time: Jun 29 13:59:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1459541	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2334788	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1947689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	752505	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	975945	50.41	ug/l	0.00
Spiked Amount			Recovery	=	100.82%	
35) Dibromofluoromethane	7.59	113	861411	45.60	ug/l	0.00
Spiked Amount			Recovery	=	91.20%	
50) Toluene-d8	10.09	98	3181820	44.24	ug/l	0.00
Spiked Amount			Recovery	=	88.48%	
62) 4-Bromofluorobenzene	12.40	95	913558	38.41	ug/l	0.00
Spiked Amount			Recovery	=	76.82%	

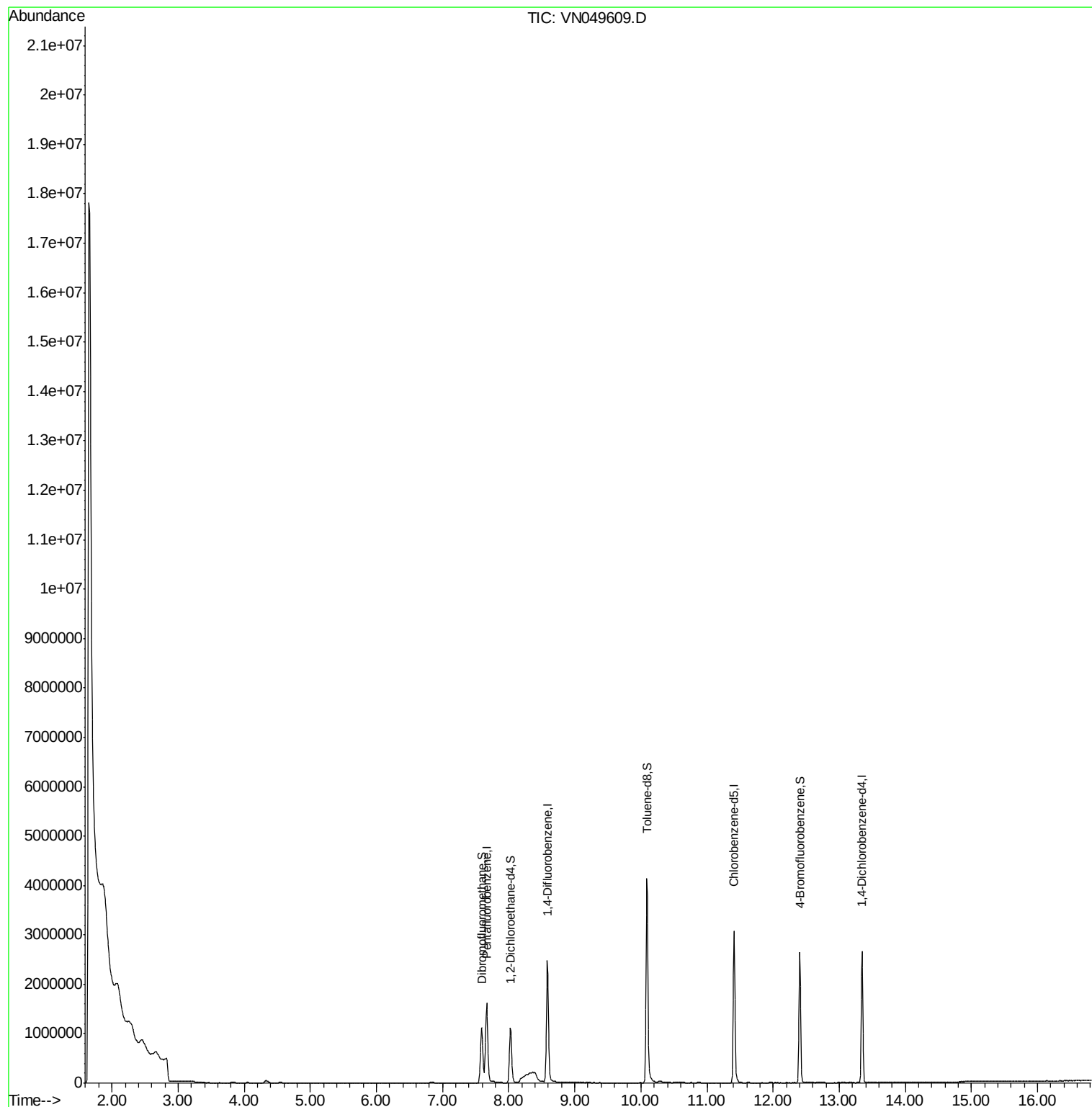
Target Compounds	Qvalue
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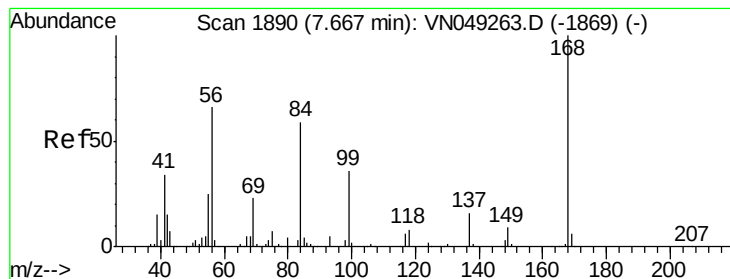
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062818\
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Quant Time: Jun 29 13:59:06 2018
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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049609.D

Acq: 29 Jun 2018 00:26

Instrument :

MSVOA_N

ClientSampleId :

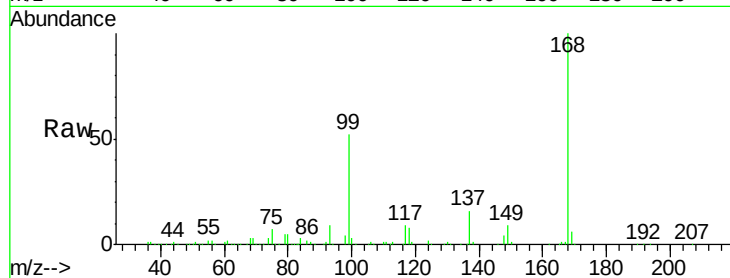
VN0628WBL02

Tot Ion:168 Resp: 1459541

Ion Ratio Lower Upper

168 100

99 51.6 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

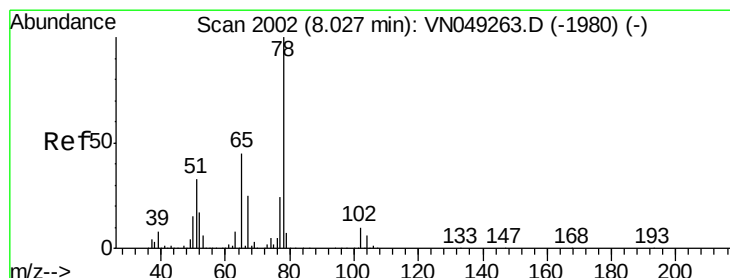
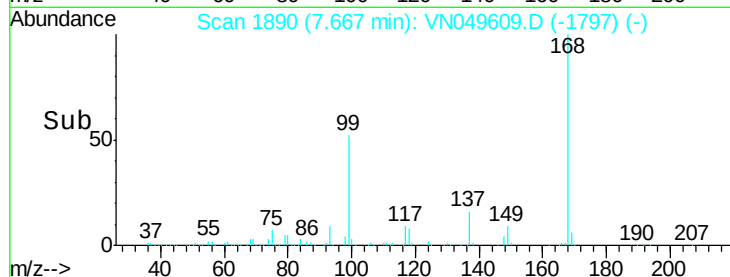
600000

400000

200000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 50.41 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. 0.00 min

Lab File: VN049609.D

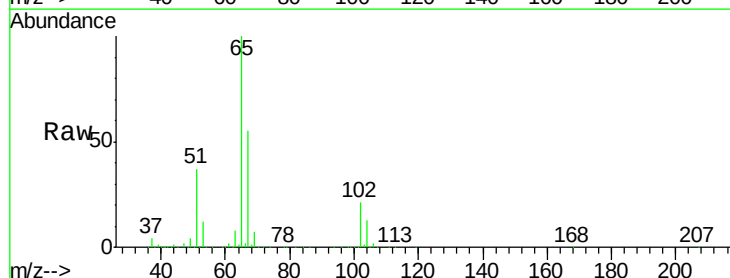
Acq: 29 Jun 2018 00:26

Tgt Ion: 65 Resp: 975945

Ion Ratio Lower Upper

65 100

67 53.1 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.03

400000

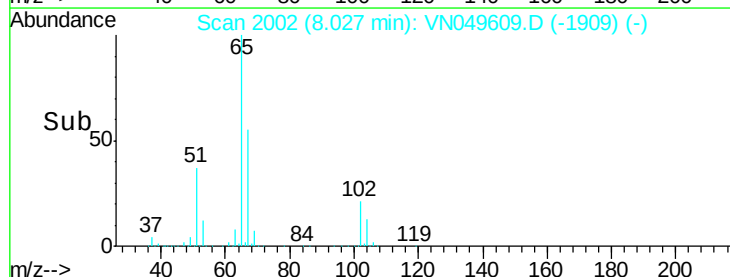
300000

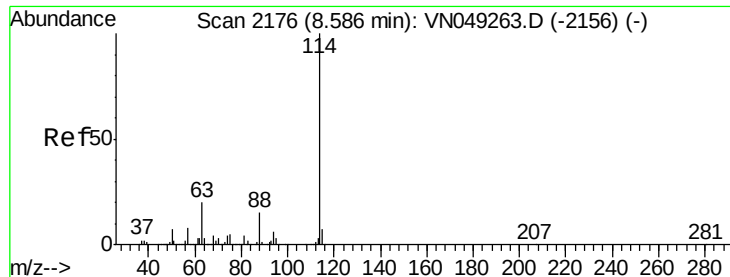
200000

100000

0

Time--> 7.90 8.00 8.10 8.20



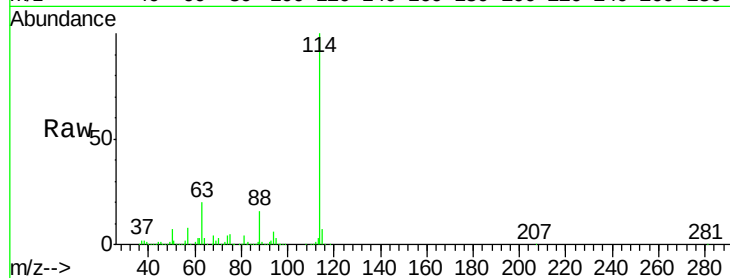


#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049609.D
 Acq: 29 Jun 2018 00:26

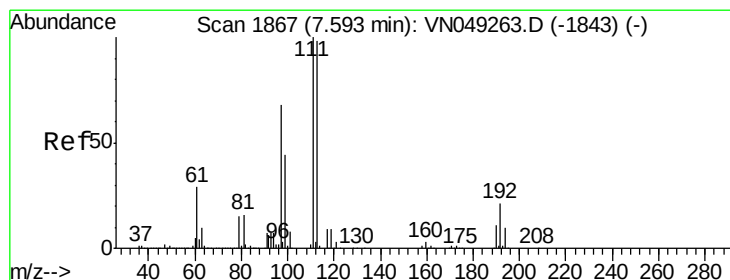
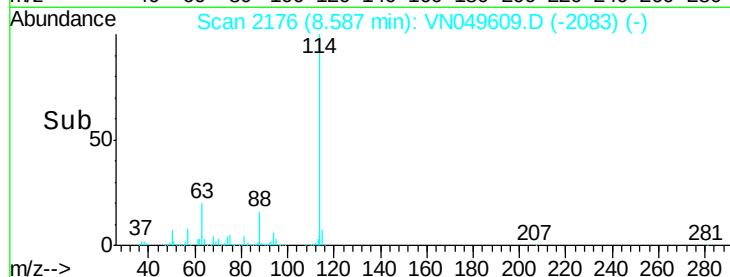
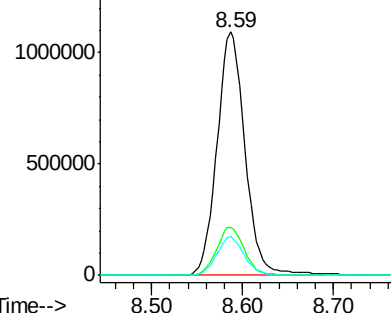
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0628WBL02

Tot Ion:114 Resp: 2334788

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	44.4
88	15.7	0.0	31.4



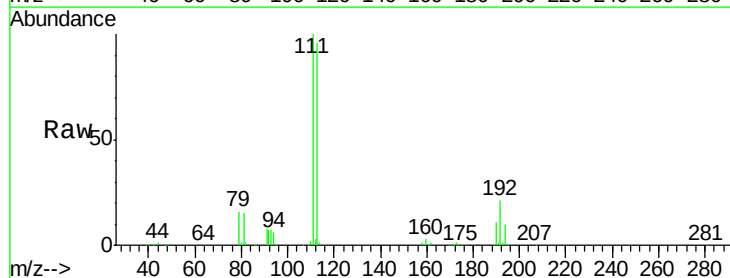
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V



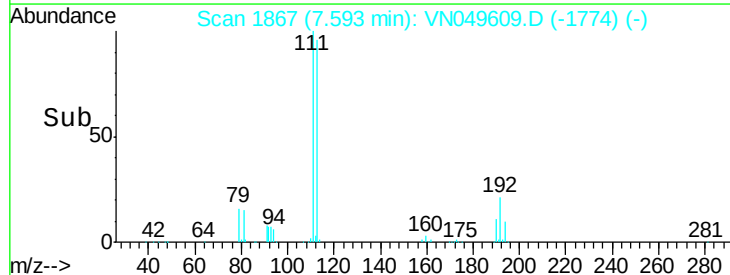
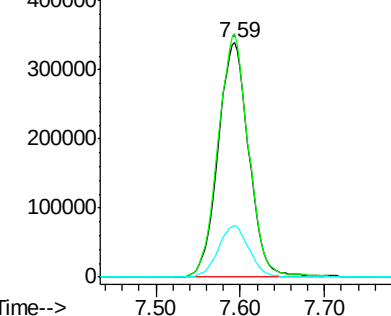
#35
 Dibromofluoromethane
 Concen: 45.60 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049609.D
 Acq: 29 Jun 2018 00:26

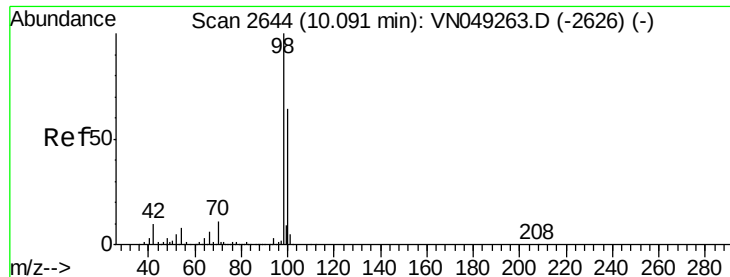
Tgt Ion:113 Resp: 861411

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.4	123.6
192	22.0	15.0	22.6



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: 44.24 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049609.D

Acq: 29 Jun 2018 00:26

Instrument :

MSVOA_N

ClientSampleId :

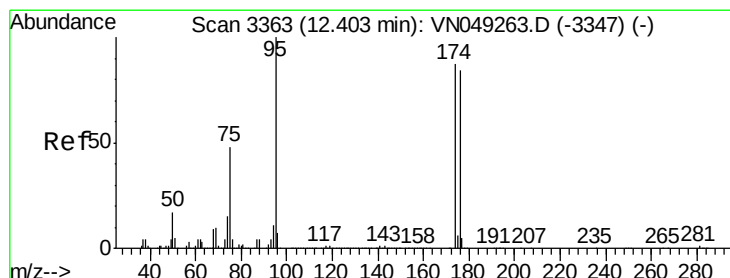
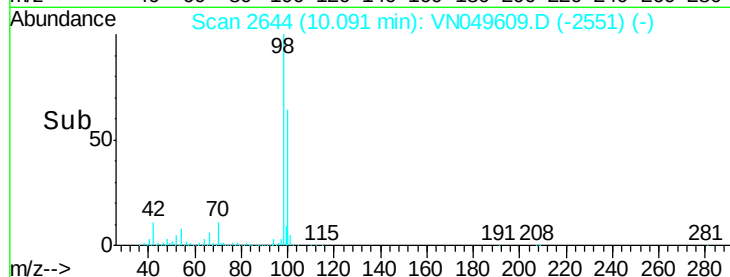
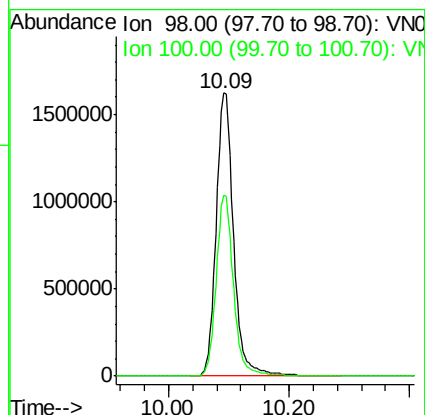
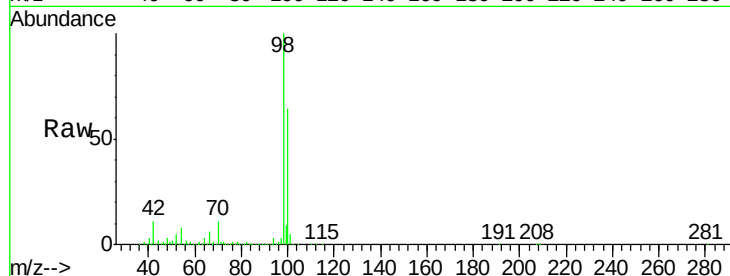
VN0628WBL02

Tot Ion: 98 Resp: 3181820

Ion Ratio Lower Upper

98 100

100 63.4 49.8 74.8



#62

4-Bromofluorobenzene

Concen: 38.41 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049609.D

Acq: 29 Jun 2018 00:26

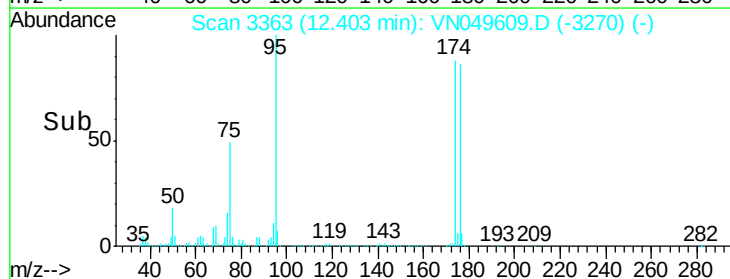
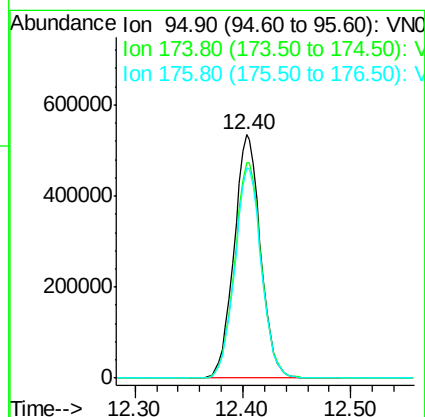
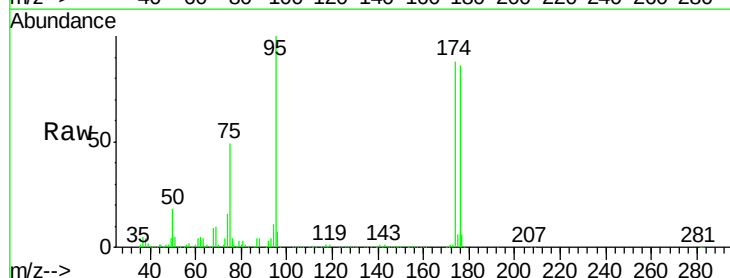
Tgt Ion: 95 Resp: 913558

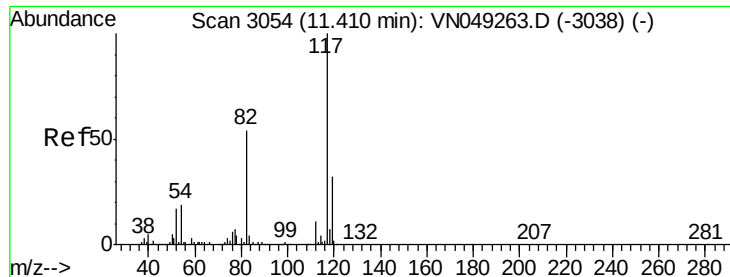
Ion Ratio Lower Upper

95 100

174 89.8 0.0 165.6

176 86.7 0.0 157.4





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049609.D

Acq: 29 Jun 2018 00:26

Instrument :

MSVOA_N

ClientSampled :

VN0628WBL02

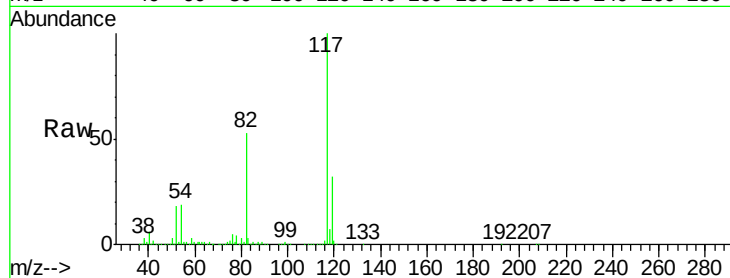
Tot Ion:117 Resp: 1947689

Ion Ratio Lower Upper

117 100

82 53.3 45.9 68.9

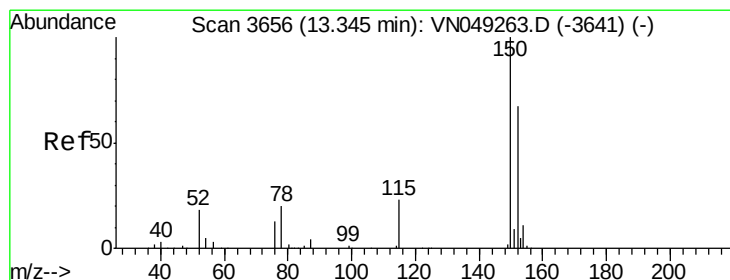
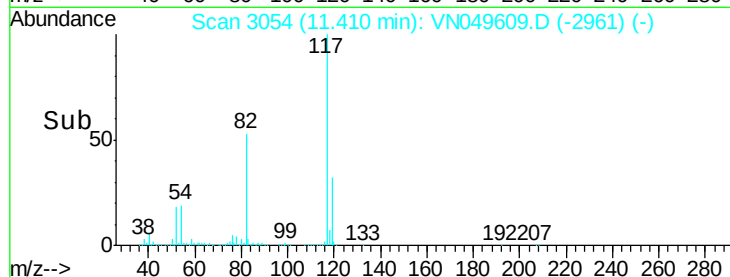
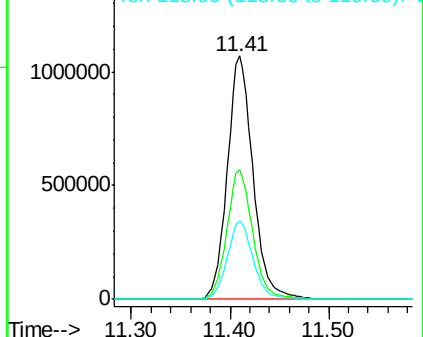
119 32.4 25.5 38.3



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: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049609.D

Acq: 29 Jun 2018 00:26

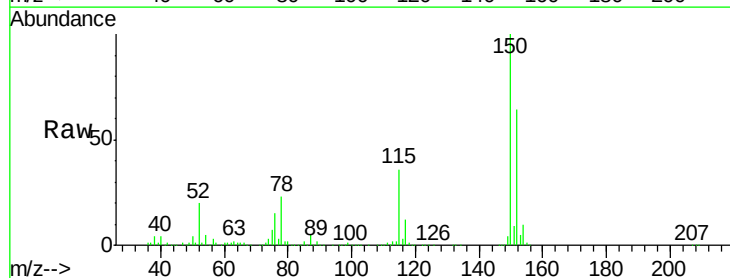
Tgt Ion:152 Resp: 752505

Ion Ratio Lower Upper

152 100

115 56.7 28.7 86.1

150 156.0 0.0 351.0



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

