

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072018\
 Data File : VN049970.D
 Acq On : 20 Jul 2018 18:31
 Operator : MD\SY
 Sample : PB111289ZHE#10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111289ZHE#10

Quant Time: Jul 21 02:21:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	531422	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	906511	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	768982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	285480	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	397120	54.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.74%	
35) Dibromofluoromethane	7.59	113	342886	45.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.12%	
50) Toluene-d8	10.09	98	1208992	43.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.20%	
62) 4-Bromofluorobenzene	12.40	95	336962	35.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.58%	

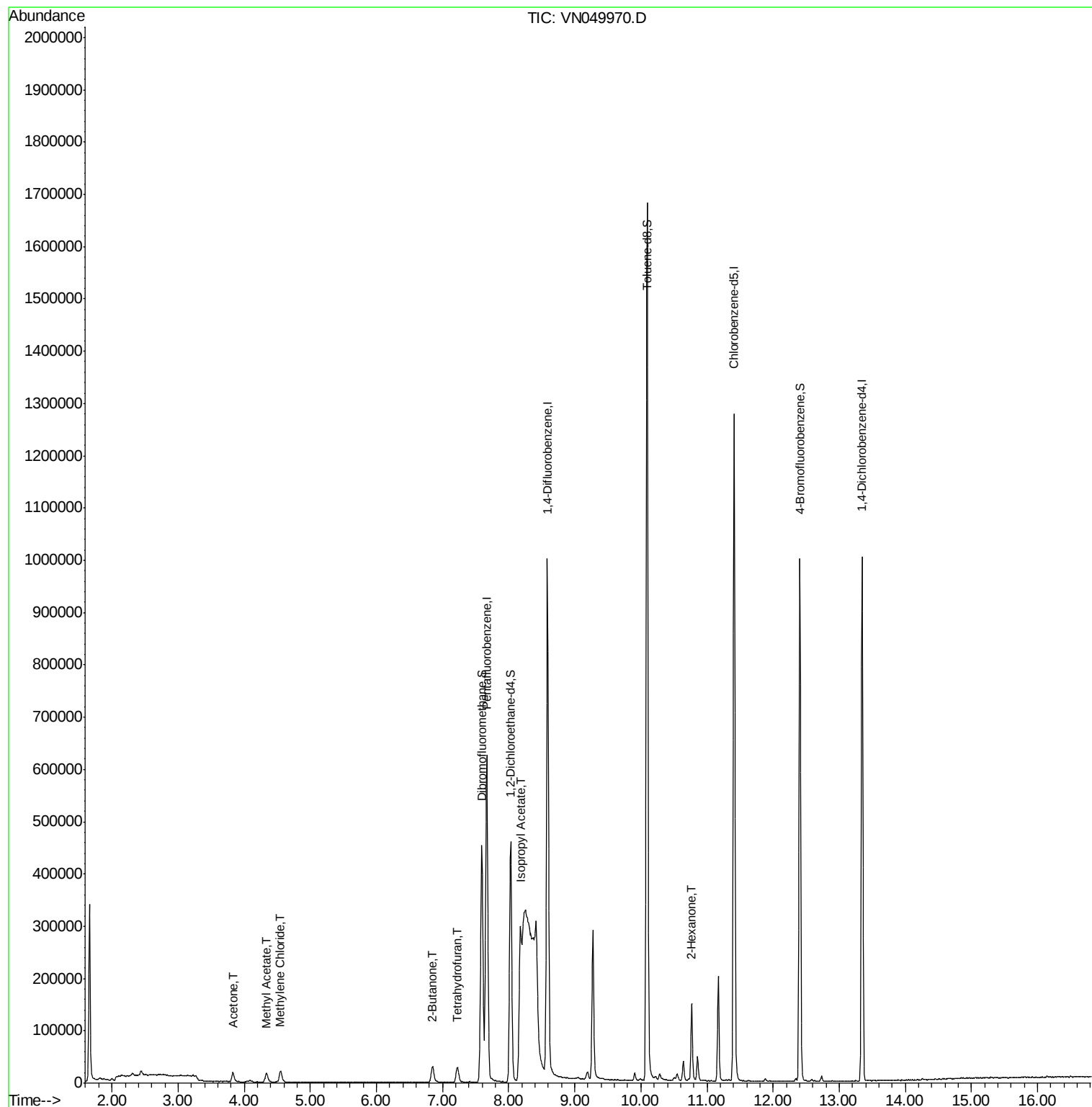
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	27750	14.67	ug/l	97
18) Methyl Acetate	4.34	43	31923	4.62	ug/l	97
20) Methylene Chloride	4.55	84	16011	2.23	ug/l	87
25) 2-Butanone	6.85	43	46011	17.02	ug/l	94
29) Tetrahydrofuran	7.22	42	22745	13.36	ug/l	94
43) Isopropyl Acetate	8.17	43	356972	29.52	ug/l #	90
59) 2-Hexanone	10.77	43	20015	4.41	ug/l #	59

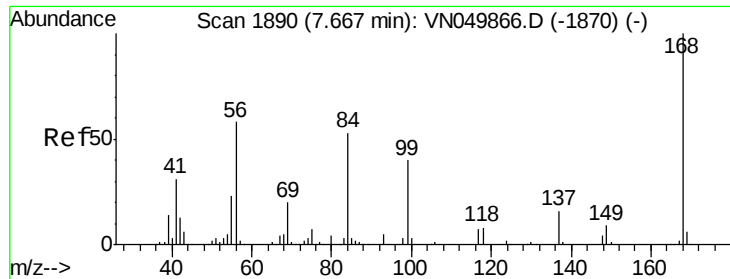
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072018\
Data File : VN049970.D
Acq On : 20 Jul 2018 18:31
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Quant Title : SW846 8260
QLast Update : Thu Jul 19 01:58:39 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049970.D

Acq: 20 Jul 2018 18:31

Instrument :

MSVOA_N

ClientSampleId :

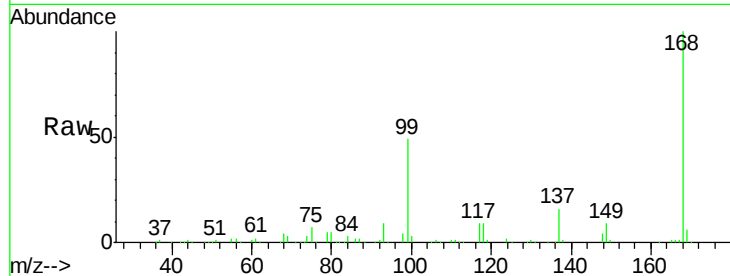
PB111289ZHE#10

Tot Ion:168 Resp: 531422

Ion Ratio Lower Upper

168 100

99 49.5 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

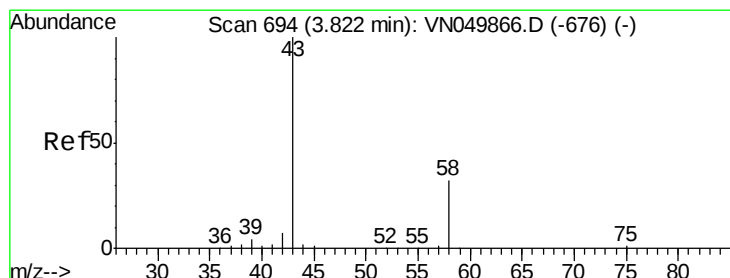
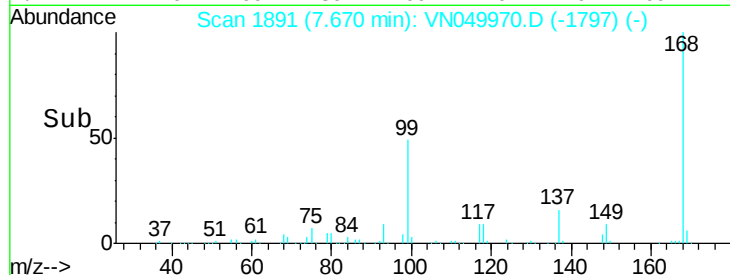
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 14.67 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN049970.D

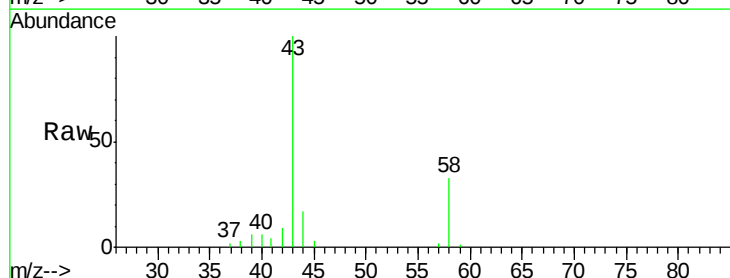
Acq: 20 Jul 2018 18:31

Tgt Ion: 43 Resp: 27750

Ion Ratio Lower Upper

43 100

58 34.0 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.83

12000

10000

8000

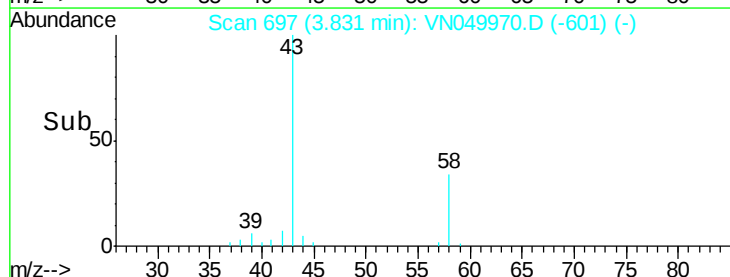
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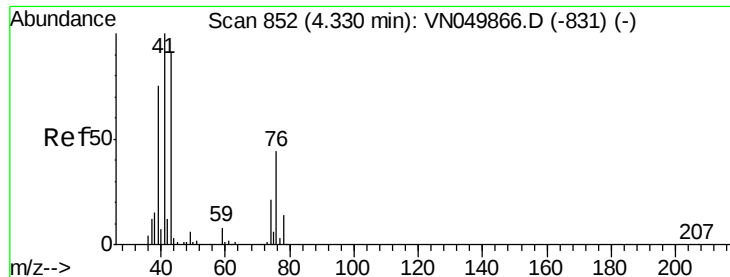
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2000

0

Time-->

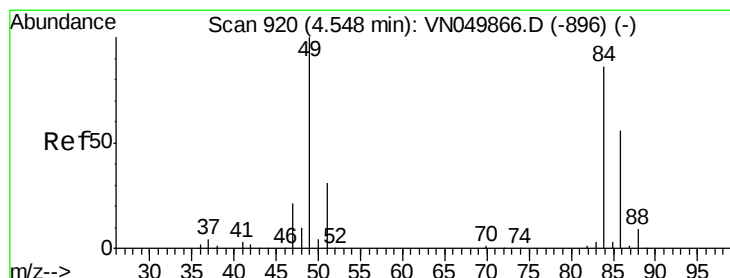
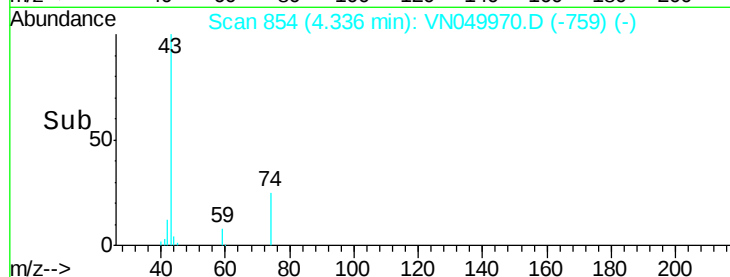
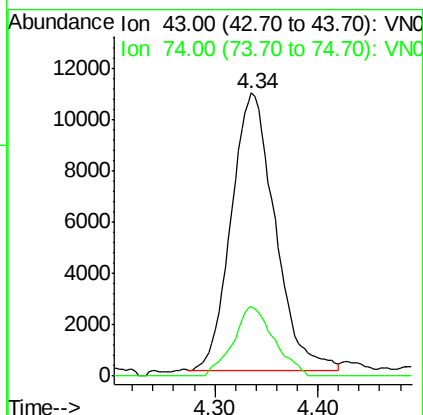
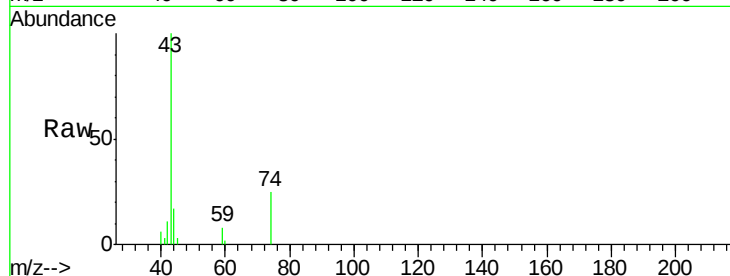




#18
Methvl Acetate
Concen: 4.62 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN049970.D
Acq: 20 Jul 2018 18:31

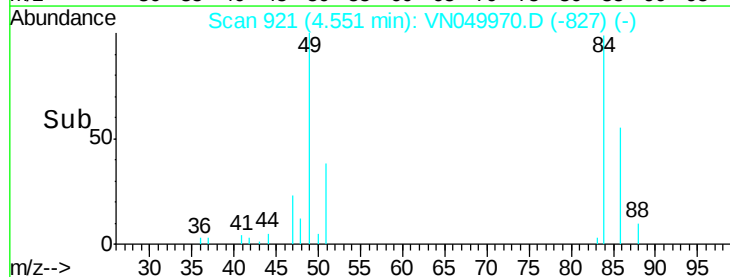
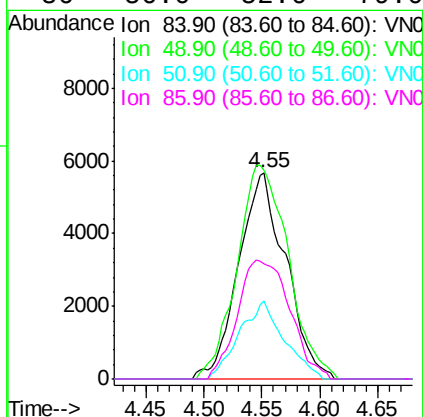
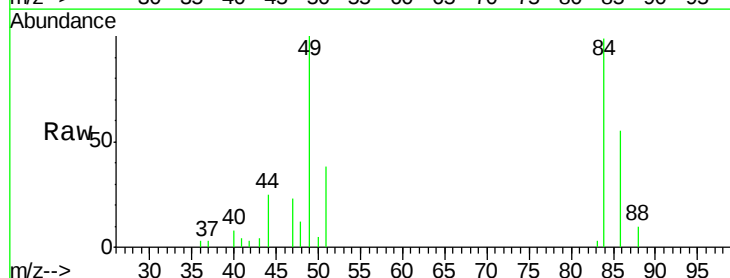
Instrument :
MSVOA_N
ClientSampleId :
PB111289ZHE#10

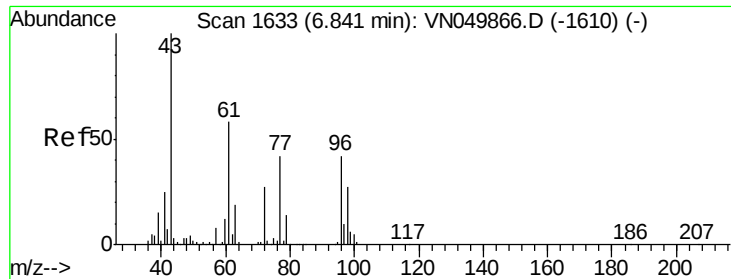
Tot Ion: 43 Resp: 31923
Ion Ratio Lower Upper
43 100
74 23.3 19.8 29.8



#20
Methylene Chloride
Concen: 2.23 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049970.D
Acq: 20 Jul 2018 18:31

Tgt Ion: 84 Resp: 16011
Ion Ratio Lower Upper
84 100
49 101.4 95.4 143.2
51 38.0 28.4 42.6
86 56.0 52.6 79.0





#25

2-Butanone

Concen: 17.02 ug/l

RT: 6.85 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VN049970.D

Acq: 20 Jul 2018 18:31

Instrument :

MSVOA_N

ClientSampleId :

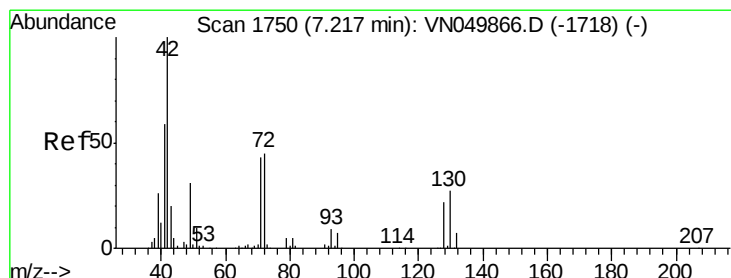
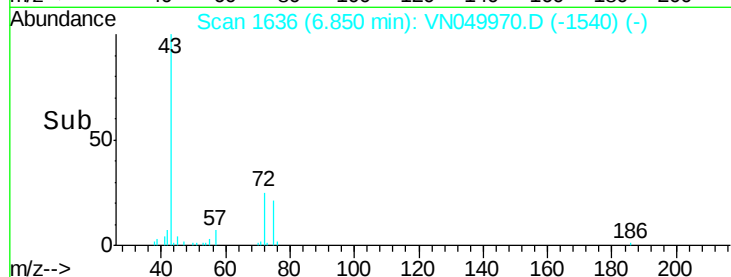
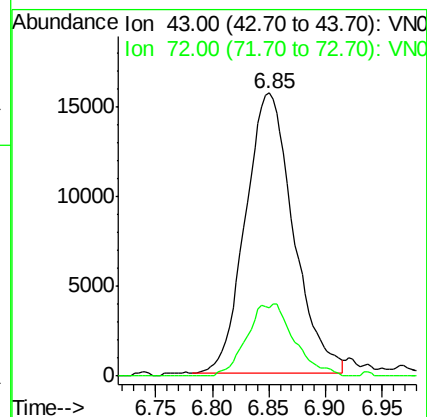
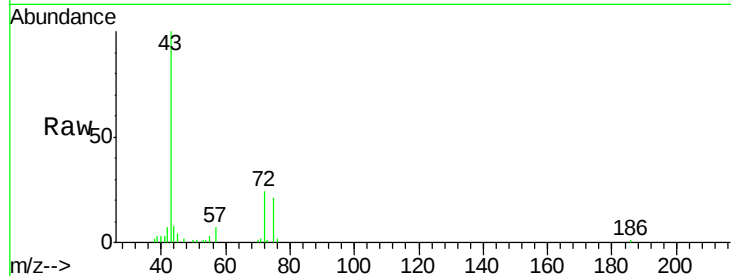
PB111289ZHE#10

Tot Ion: 43 Resp: 46011

Ion Ratio Lower Upper

43 100

72 24.6 22.1 33.1



#29

Tetrahydrofuran

Concen: 13.36 ug/l

RT: 7.22 min Scan# 1752

Delta R.T. 0.01 min

Lab File: VN049970.D

Acq: 20 Jul 2018 18:31

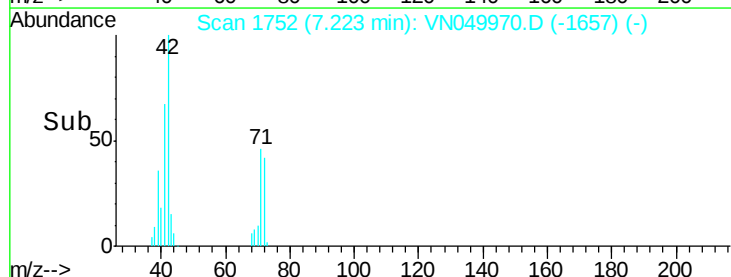
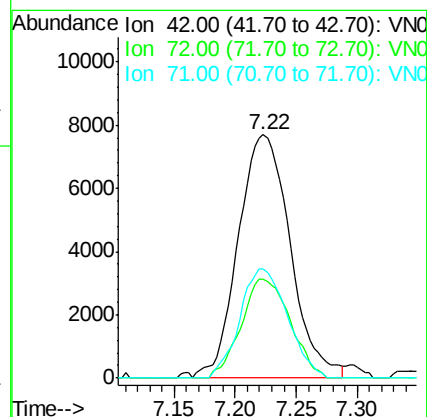
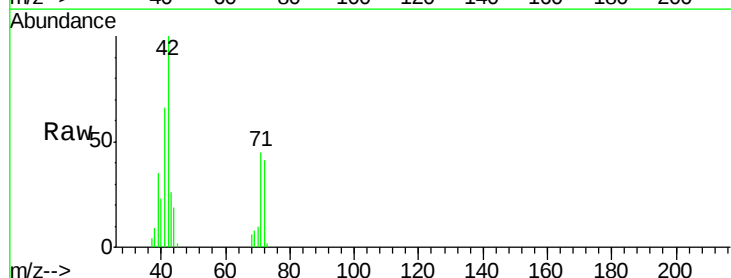
Tgt Ion: 42 Resp: 22745

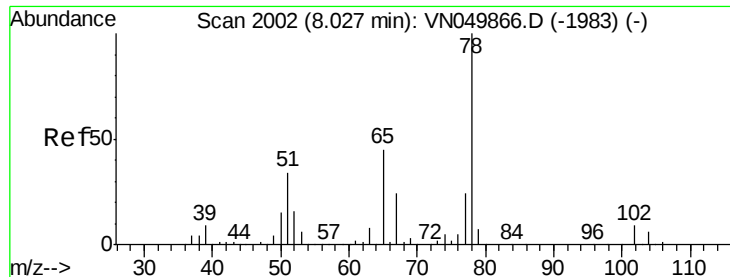
Ion Ratio Lower Upper

42 100

72 38.3 35.6 53.4

71 41.1 34.0 51.0

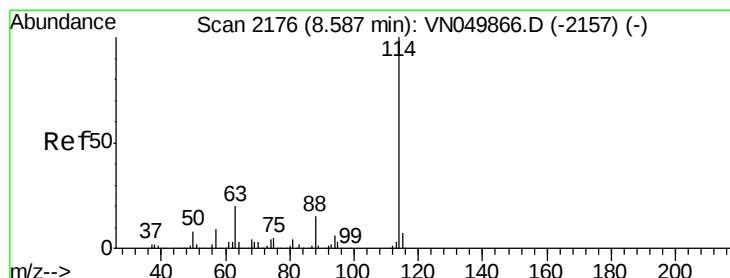
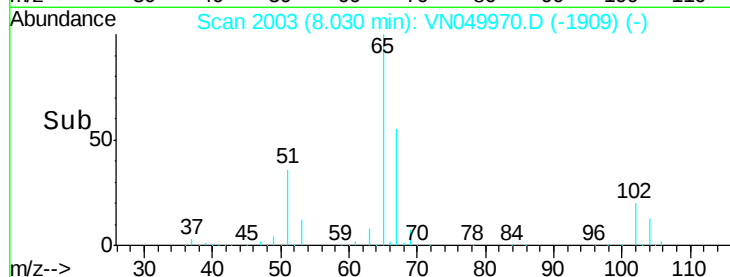
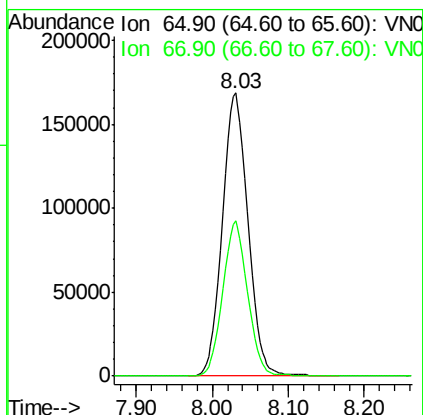
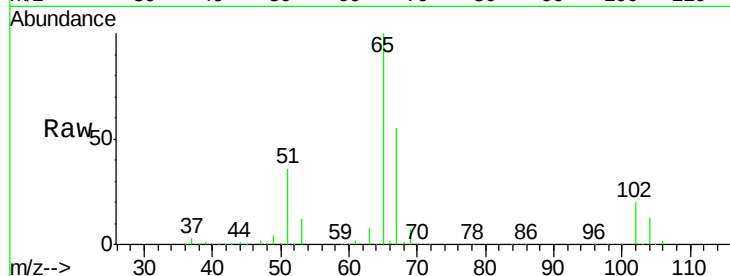




#33
 1,2-Dichloroethane-d4
 Concen: 54.37 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049970.D
 Acq: 20 Jul 2018 18:31

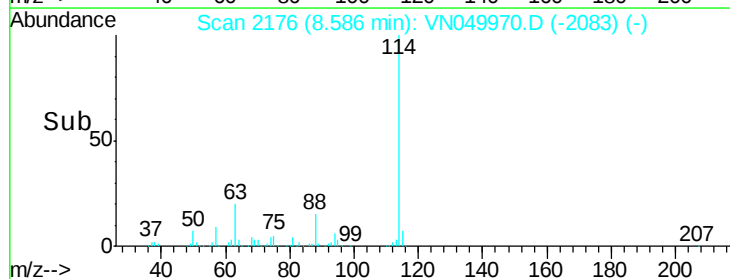
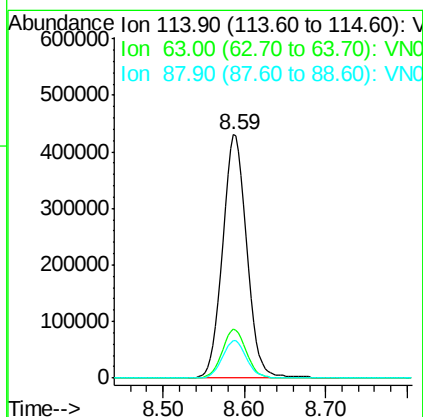
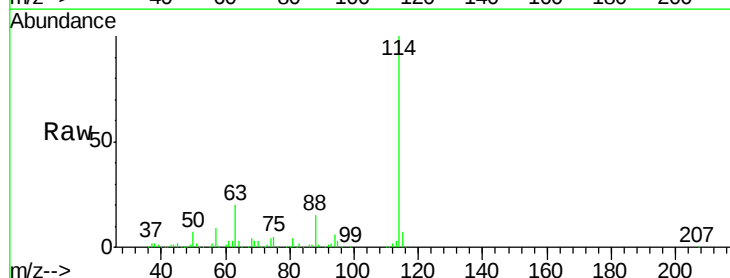
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111289ZHE#10

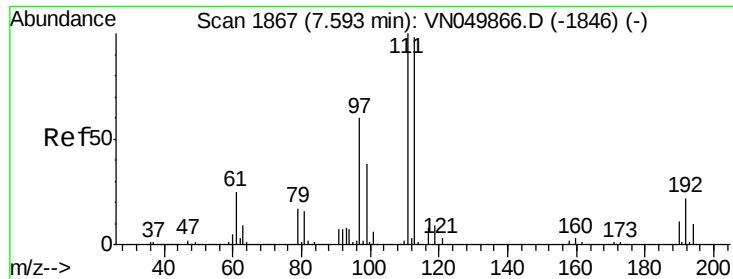
Tot Ion: 65 Resp: 397120
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN049970.D
 Acq: 20 Jul 2018 18:31

Tgt Ion: 114 Resp: 906511
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.8
 88 15.2 0.0 30.6

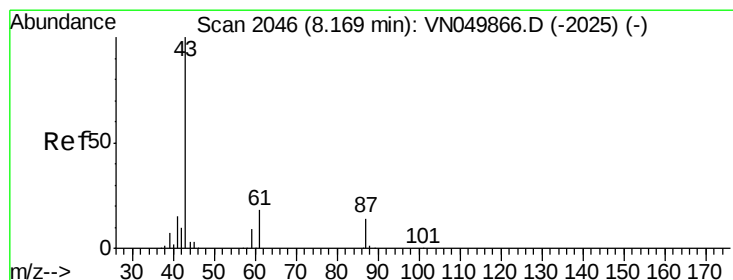
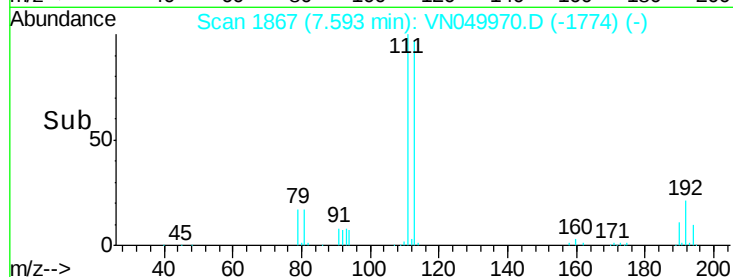
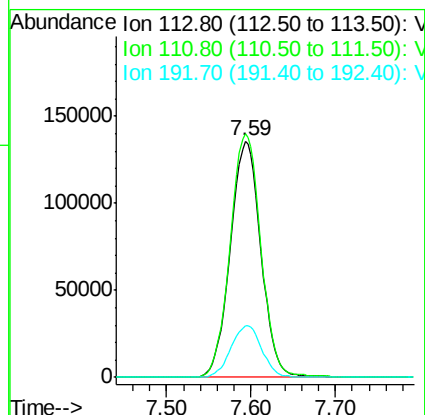
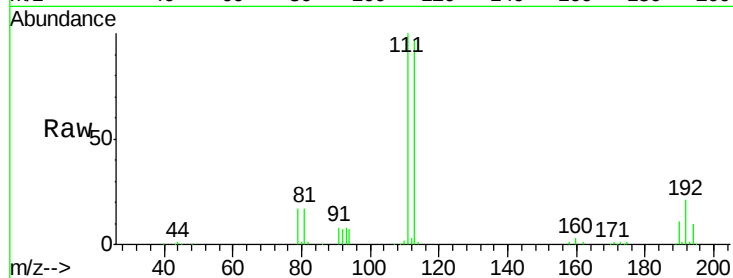




#35
 Dibromofluoromethane
 Concen: 45.06 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049970.D
 Acq: 20 Jul 2018 18:31

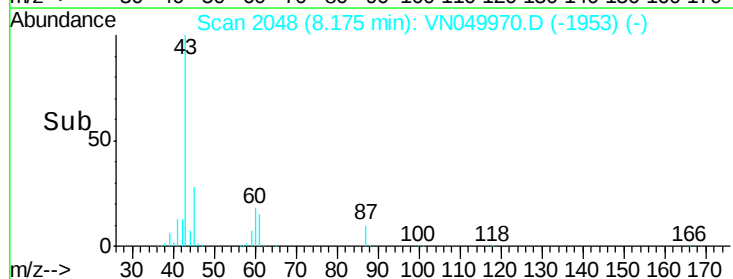
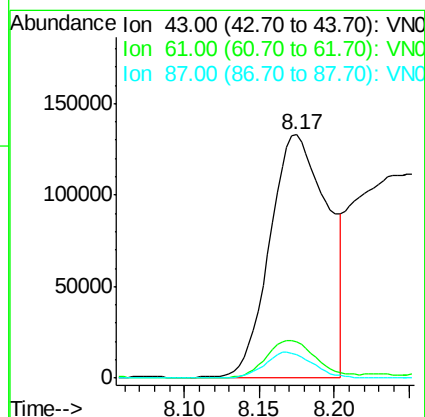
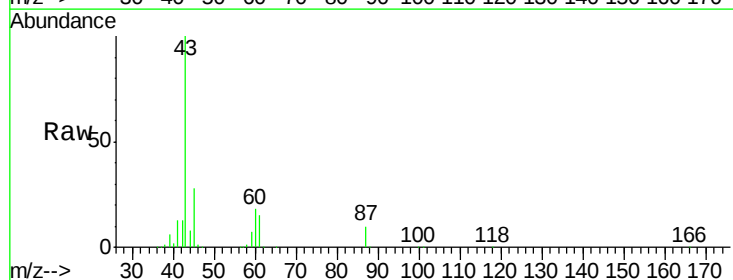
Instrument :
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 ClientSampleId :
 PB111289ZHE#10

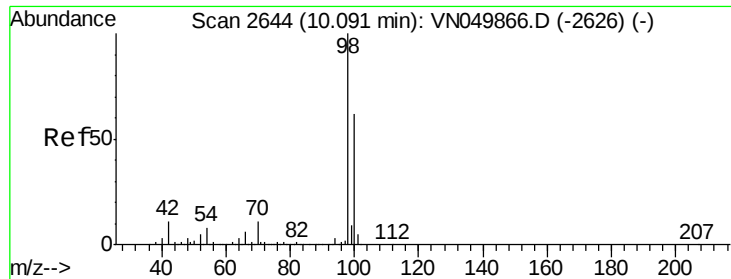
Tot Ion:113 Resp: 342886
 Ion Ratio Lower Upper
 113 100
 111 103.9 81.8 122.8
 192 22.1 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 29.52 ug/l
 RT: 8.17 min Scan# 2048
 Delta R.T. 0.01 min
 Lab File: VN049970.D
 Acq: 20 Jul 2018 18:31

Tgt Ion: 43 Resp: 356972
 Ion Ratio Lower Upper
 43 100
 61 13.6 14.9 22.3#
 87 8.8 10.0 15.0#





#50

Toluene-d8

Concen: 43.60 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049970.D

Acq: 20 Jul 2018 18:31

Instrument :

MSVOA_N

ClientSampleId :

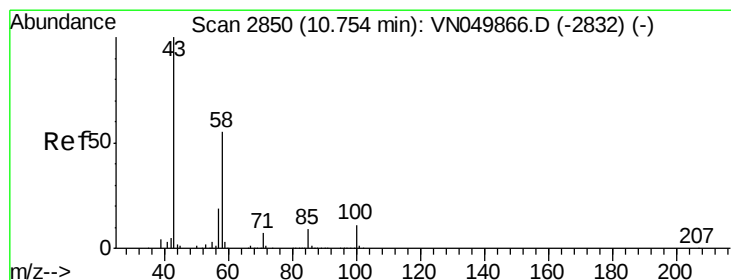
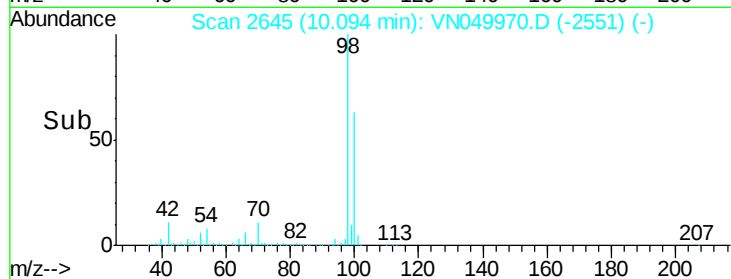
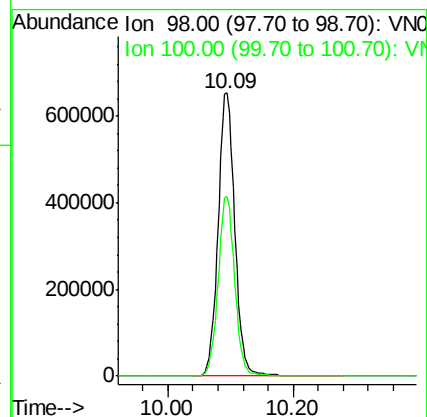
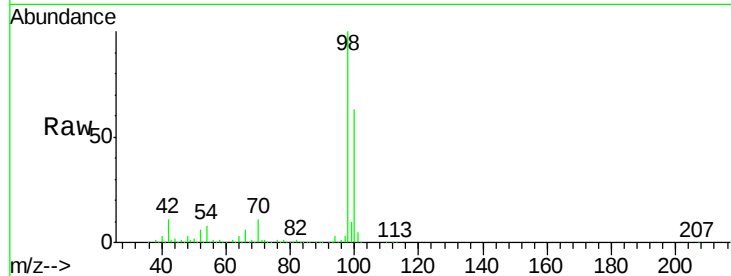
PB111289ZHE#10

Tot Ion: 98 Resp: 1208992

Ion Ratio Lower Upper

98 100

100 63.0 51.7 77.5



#59

2-Hexanone

Concen: 4.41 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN049970.D

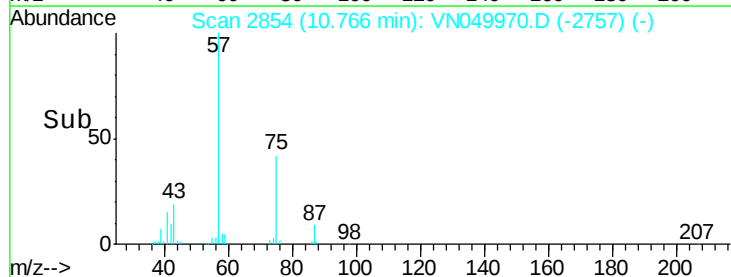
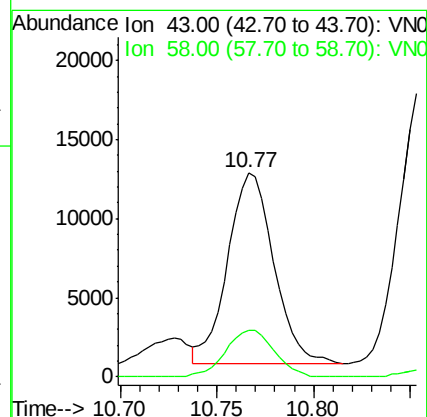
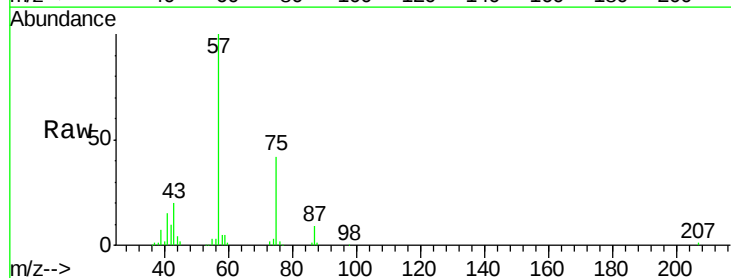
Acq: 20 Jul 2018 18:31

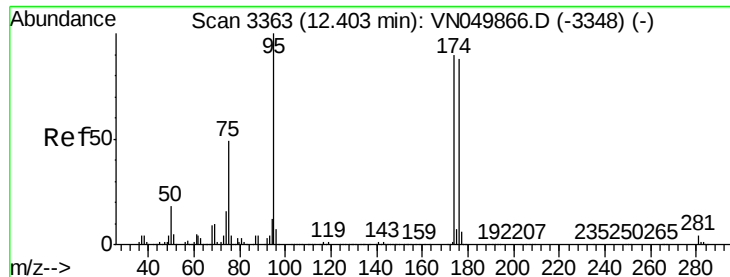
Tgt Ion: 43 Resp: 20015

Ion Ratio Lower Upper

43 100

58 25.7 27.8 83.4#





#62

4-Bromofluorobenzene

Concen: 35.29 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049970.D

Acq: 20 Jul 2018 18:31

Instrument :

MSVOA_N

ClientSampleId :

PB111289ZHE#10

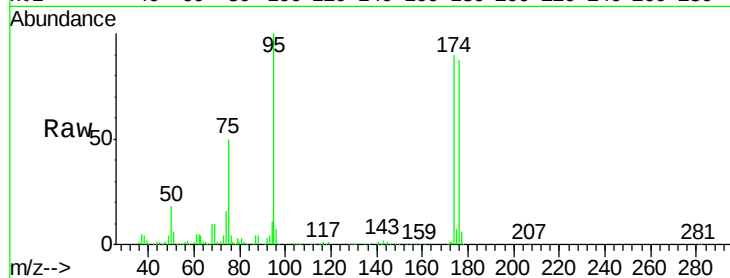
Tot Ion: 95 Resp: 336962

Ion Ratio Lower Upper

95 100

174 91.1 0.0 179.6

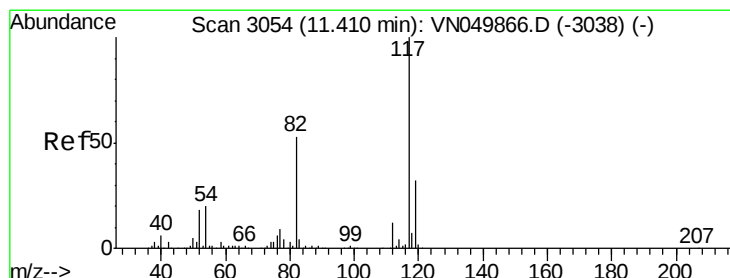
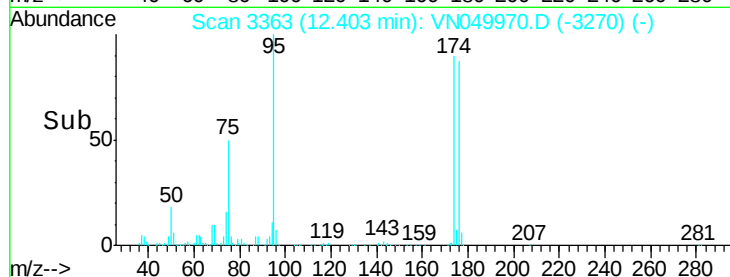
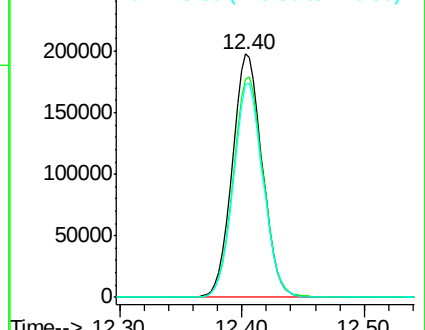
176 87.2 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049970.D

Acq: 20 Jul 2018 18:31

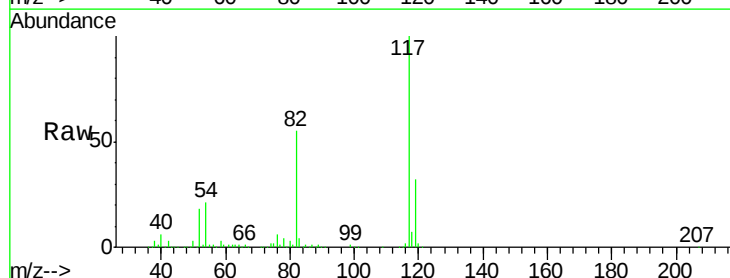
Tgt Ion: 117 Resp: 768982

Ion Ratio Lower Upper

117 100

82 54.8 41.9 62.9

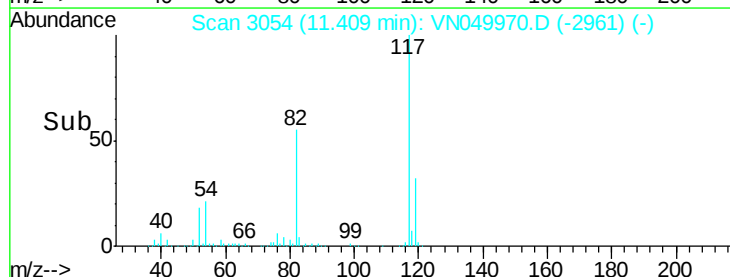
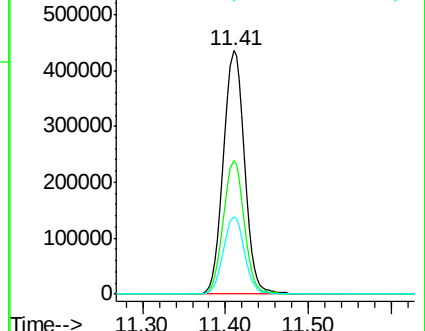
119 31.9 25.4 38.2

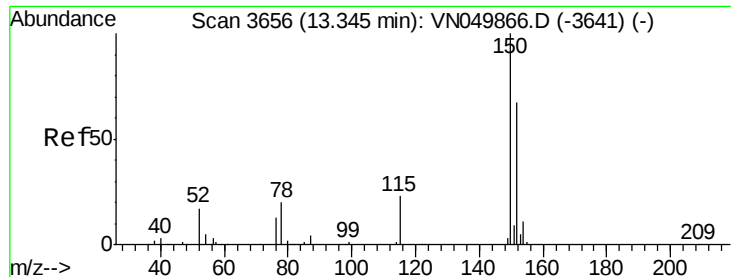


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN049970.D

Acq: 20 Jul 2018 18:31

Instrument :

MSVOA_N

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PB111289ZHE#10

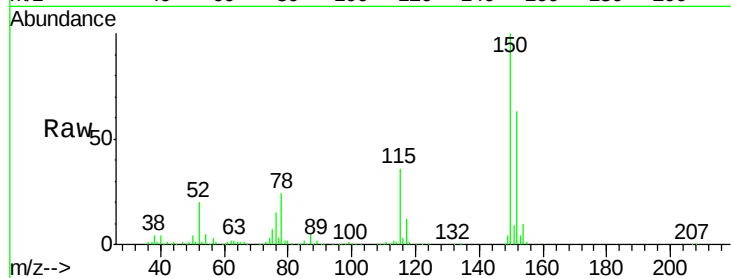
Tot Ion:152 Resp: 285480

Ion Ratio Lower Upper

152 100

115 55.8 28.1 84.2

150 156.1 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

