

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN063018\
 Data File : VN049656.D
 Acq On : 30 Jun 2018 19:10
 Operator : MD\SY
 Sample : J3752-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Quant Time: Jul 11 03:14:55 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

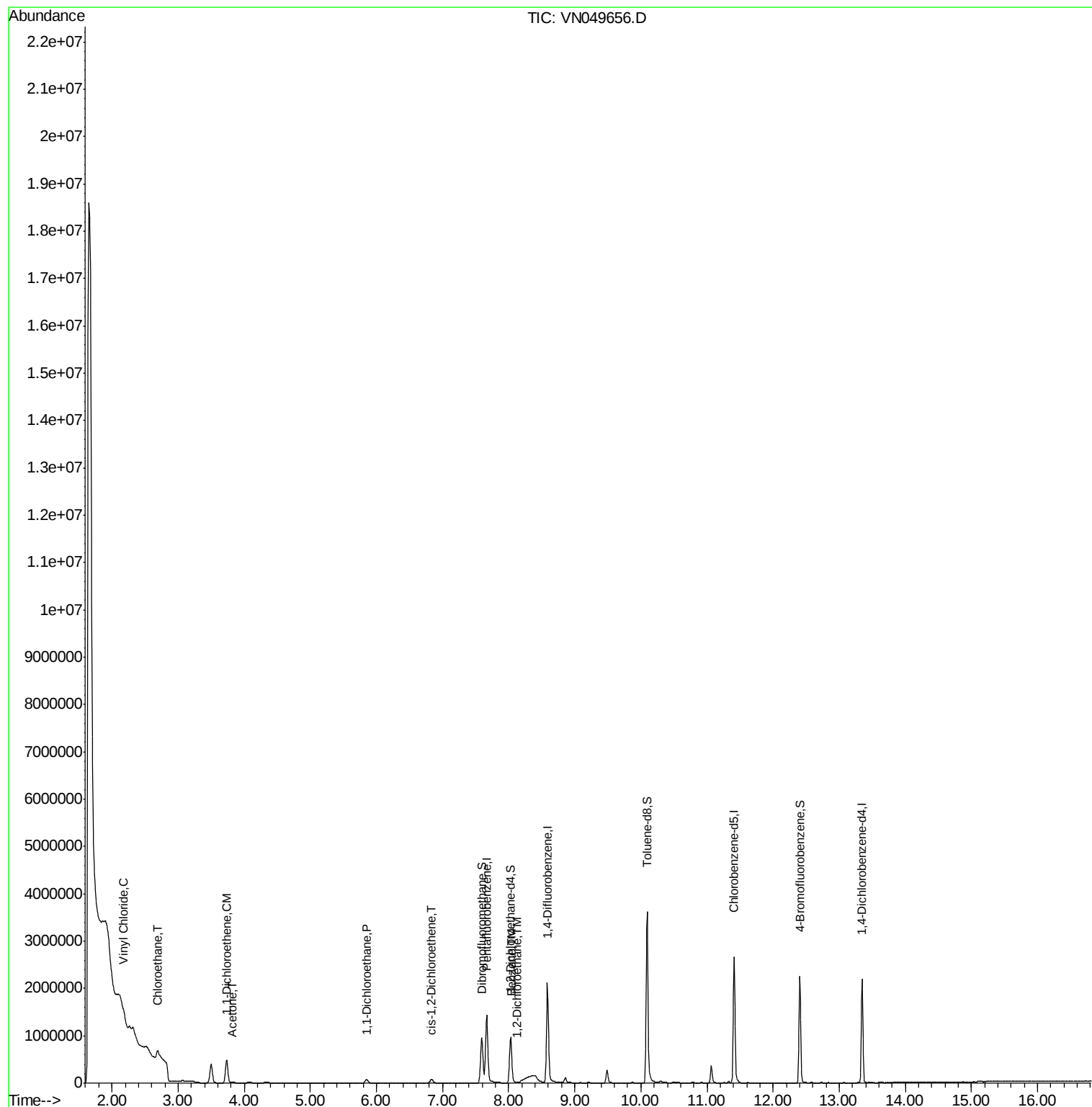
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1263742	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2030957	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1717238	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	626503	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	846978	50.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.50%	
35) Dibromofluoromethane	7.59	113	740342	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.52%	
50) Toluene-d8	10.09	98	2751251	46.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.58%	
62) 4-Bromofluorobenzene	12.40	95	784490	38.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.32%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.18	62	80470	4.212	ug/l	97
6) Chloroethane	2.69	64	4409	0.365	ug/l	91
12) 1,1-Dichloroethene	3.73	96	266994	17.988	ug/l	98
16) Acetone	3.83	43	30645	1.191	ug/l	100
24) 1,1-Dichloroethane	5.85	63	111397	3.833	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	49909	2.925	ug/l	88
40) Benzene	8.05	78	23103	0.331	ug/l	95
42) 1,2-Dichloroethane	8.13	62	7648	0.343	ug/l	98

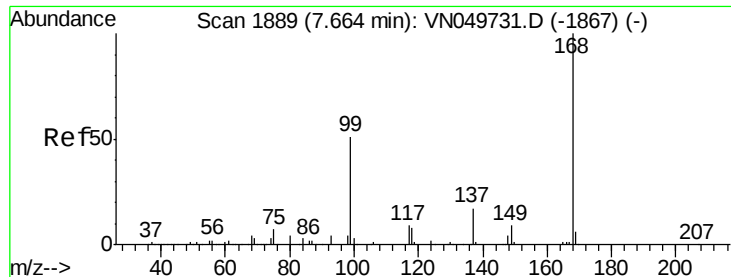
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 11 03:14:55 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN049656.D

Acq: 30 Jun 2018 19:10

Instrument :

MSVOA_N

ClientSampleId :

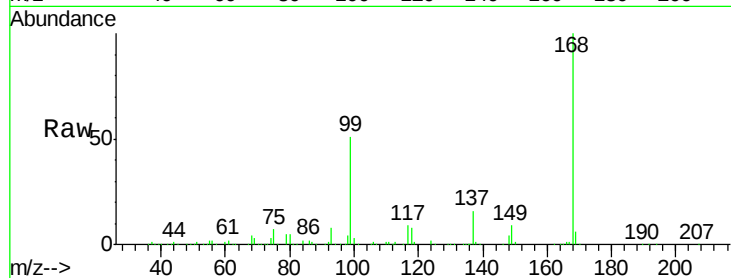
MW-3

Tgt Ion:168 Resp: 1263742

Ion Ratio Lower Upper

168 100

99 51.1 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

600000

500000

400000

300000

200000

100000

0

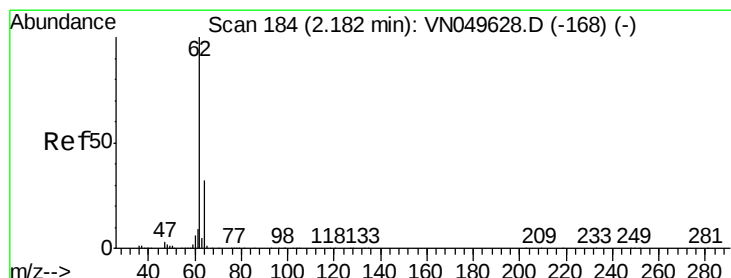
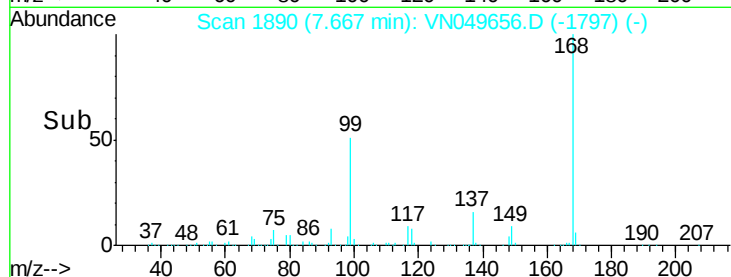
7.67

7.60

7.70

7.80

Time-->



#4

Vinyl Chloride

Concen: 4.212 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN049656.D

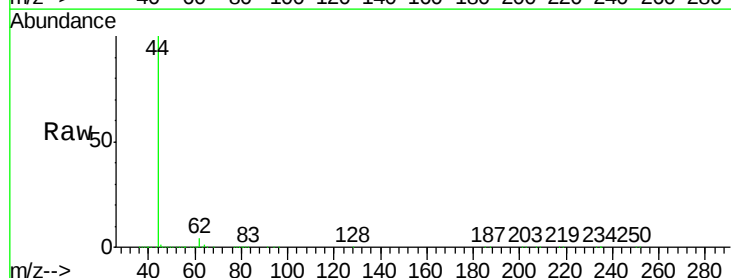
Acq: 30 Jun 2018 19:10

Tgt Ion: 62 Resp: 80470

Ion Ratio Lower Upper

62 100

64 33.4 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

60000

50000

40000

30000

20000

10000

0

2.18

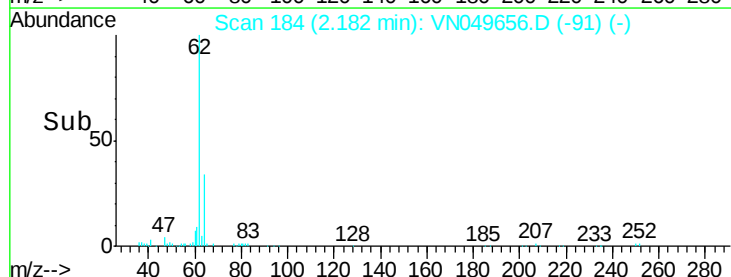
2.10

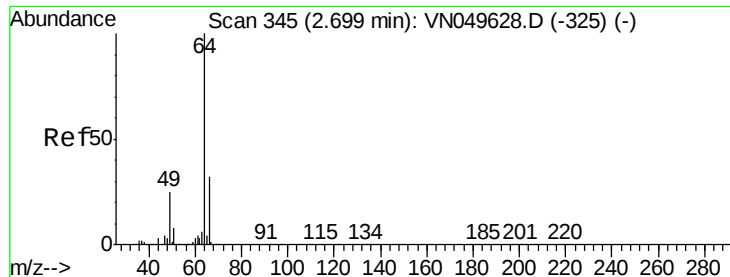
2.15

2.20

2.25

Time-->





#6

Chloroethane

Concen: 0.365 ug/l

RT: 2.69 min Scan# 341

Delta R.T. -0.01 min

Lab File: VN049656.D

Acq: 30 Jun 2018 19:10

Instrument :

MSVOA_N

ClientSampled :

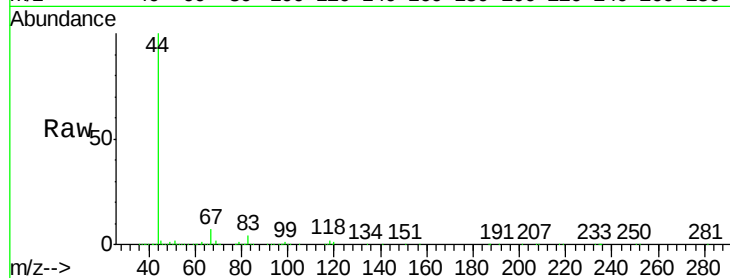
MW-3

Tgt Ion: 64 Resp: 4409

Ion Ratio Lower Upper

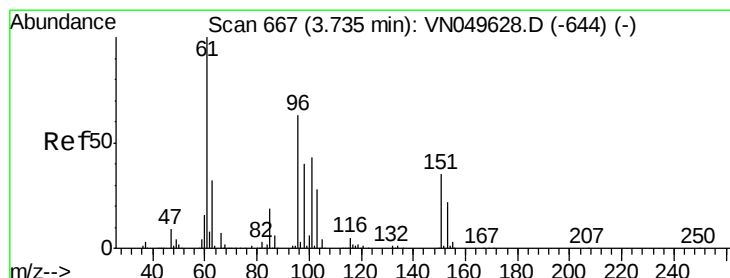
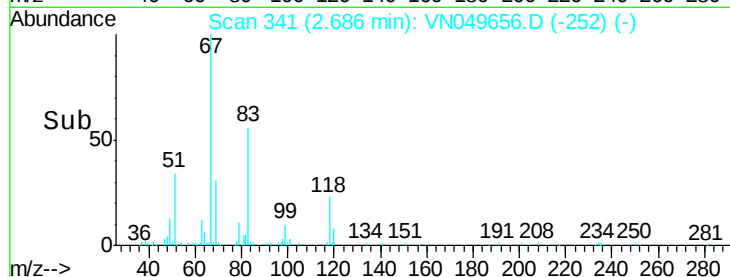
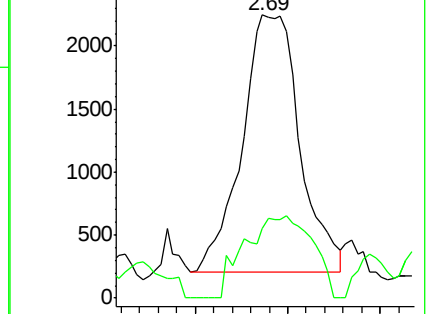
64 100

66 27.1 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



#12

1,1-Dichloroethene

Concen: 17.988 ug/l

RT: 3.73 min Scan# 667

Delta R.T. -0.00 min

Lab File: VN049656.D

Acq: 30 Jun 2018 19:10

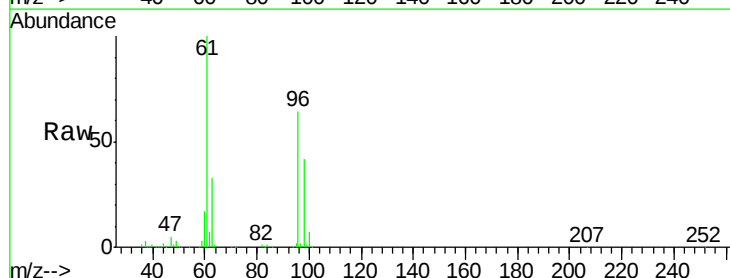
Tgt Ion: 96 Resp: 266994

Ion Ratio Lower Upper

96 100

61 156.3 126.5 189.7

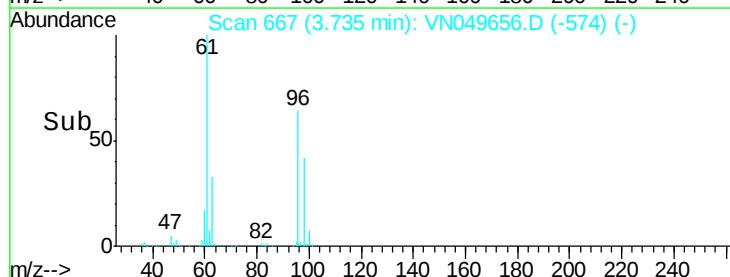
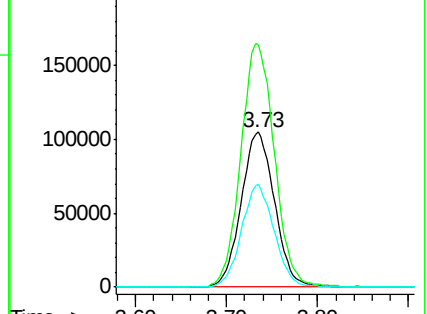
98 66.1 51.0 76.6

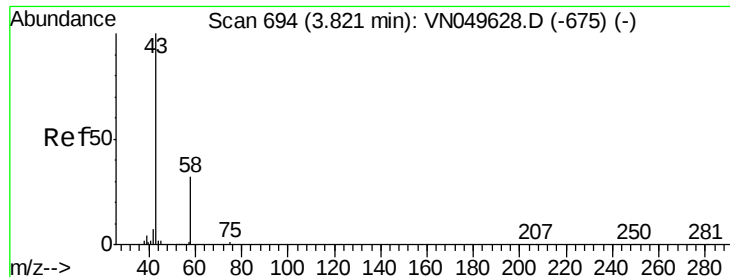


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#16

Acetone

Concen: 1.191 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN049656.D

Acq: 30 Jun 2018 19:10

Instrument :

MSVOA_N

ClientSampled :

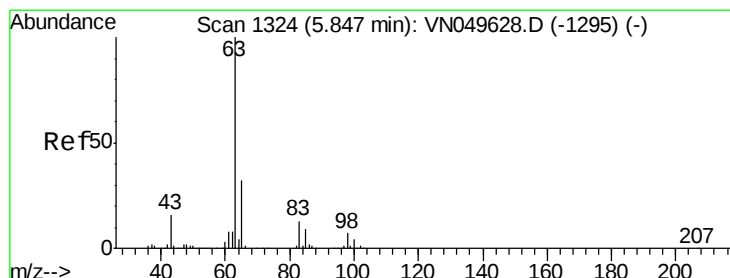
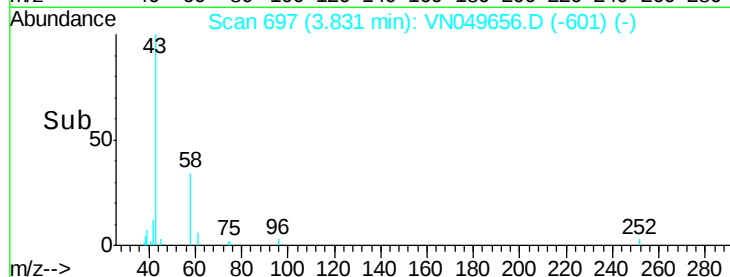
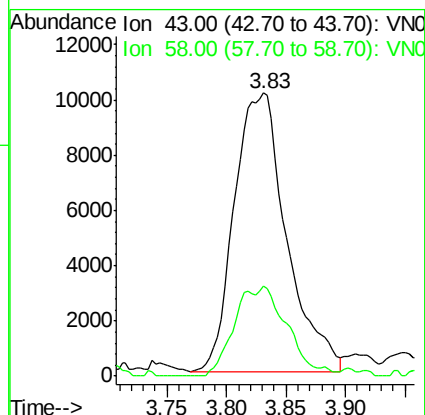
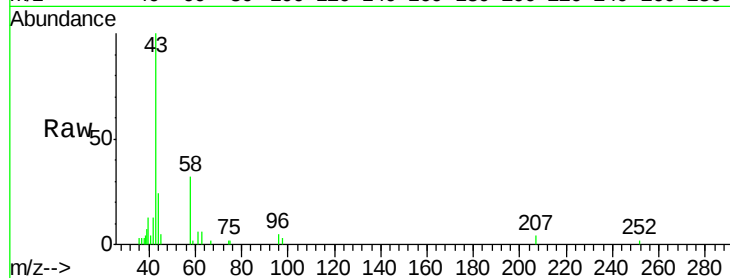
MW-3

Tgt Ion: 43 Resp: 30645

Ion Ratio Lower Upper

43 100

58 32.4 25.9 38.9



#24

1,1-Dichloroethane

Concen: 3.833 ug/l

RT: 5.85 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VN049656.D

Acq: 30 Jun 2018 19:10

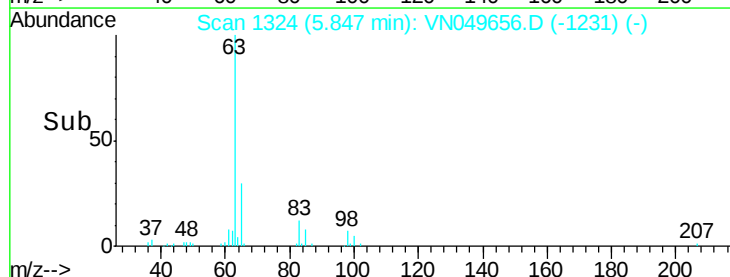
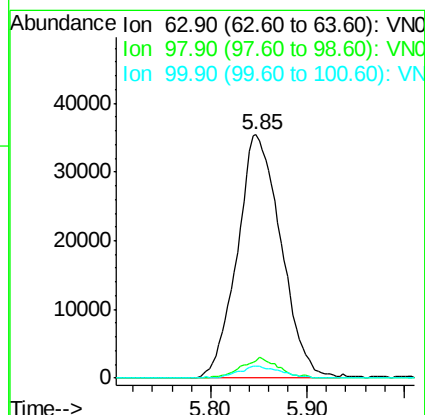
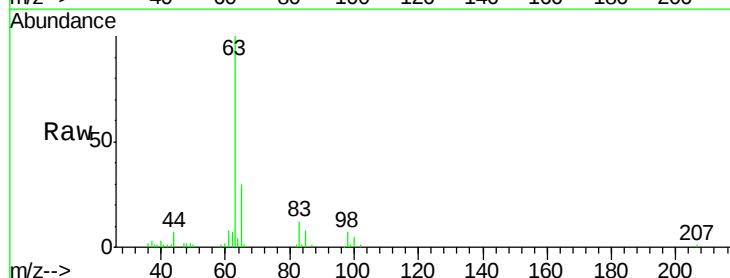
Tgt Ion: 63 Resp: 111397

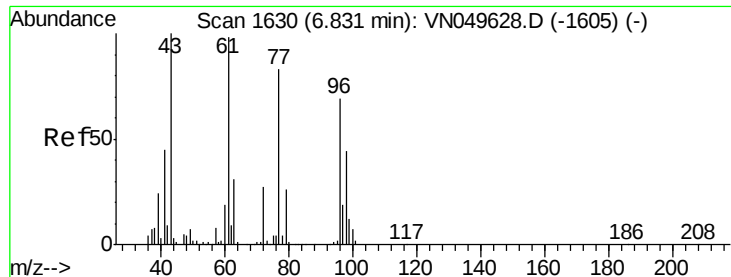
Ion Ratio Lower Upper

63 100

98 7.3 3.4 10.2

100 5.1 2.2 6.6





#27

cis-1,2-Dichloroethene

Concen: 2.925 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VN049656.D

Acq: 30 Jun 2018 19:10

Instrument :

MSVOA_N

ClientSampled :

MW-3

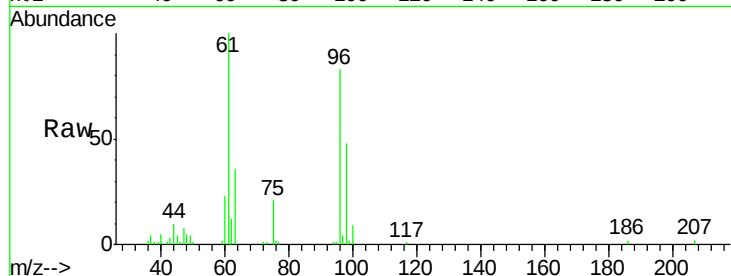
Tgt Ion: 96 Resp: 49909

Ion Ratio Lower Upper

96 100

61 124.1 0.0 289.0

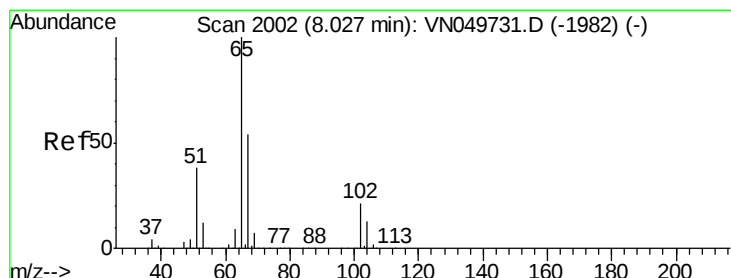
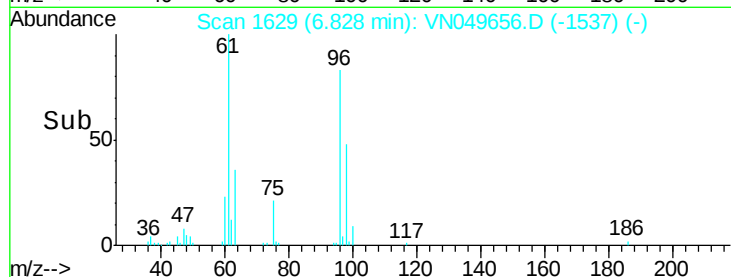
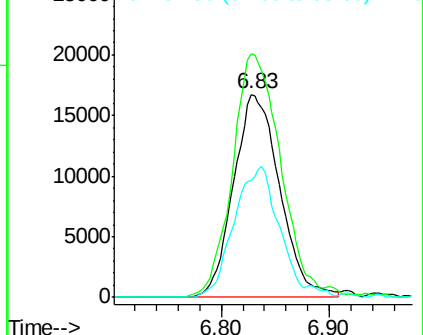
98 63.5 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 50.751 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049656.D

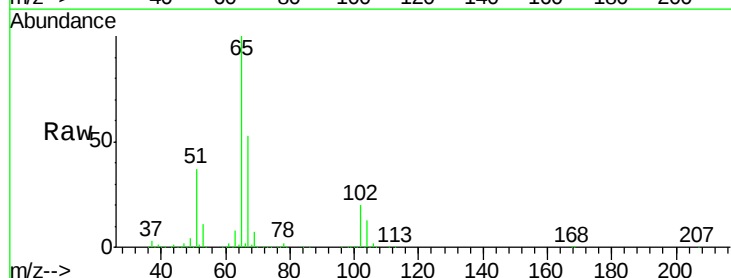
Acq: 30 Jun 2018 19:10

Tgt Ion: 65 Resp: 846978

Ion Ratio Lower Upper

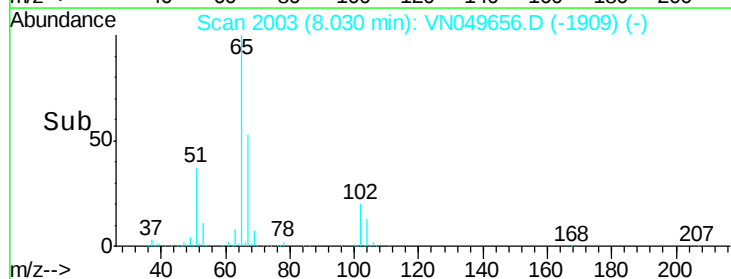
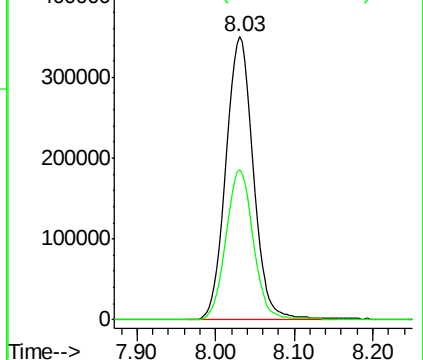
65 100

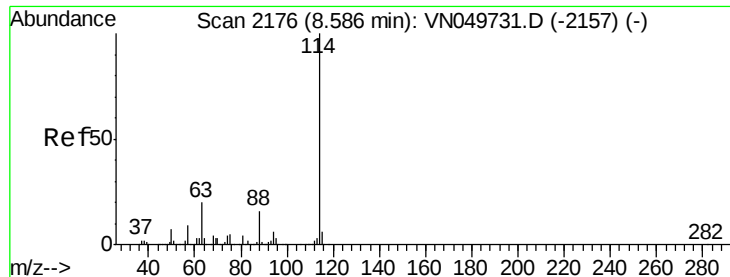
67 52.7 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

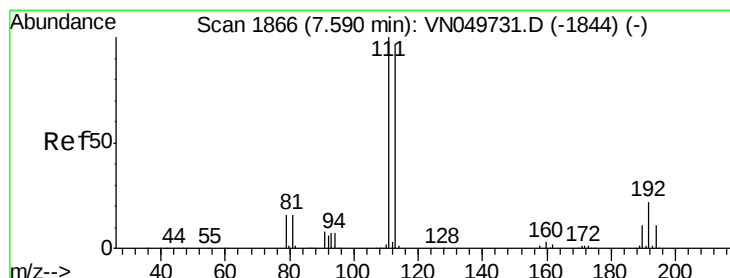
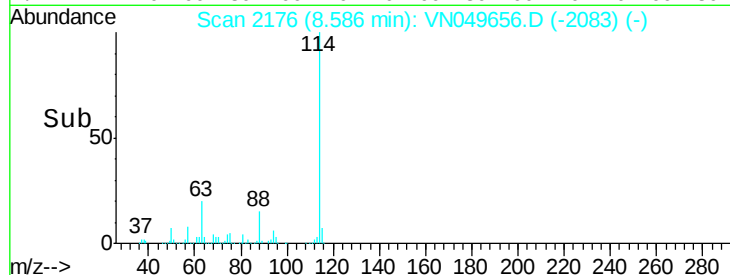
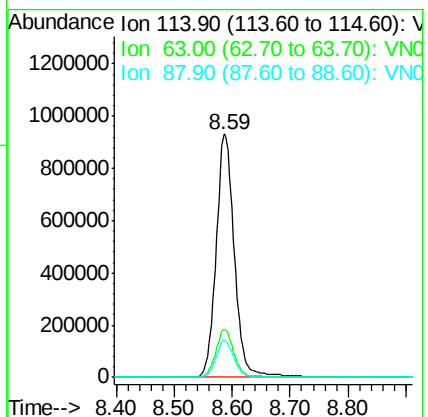
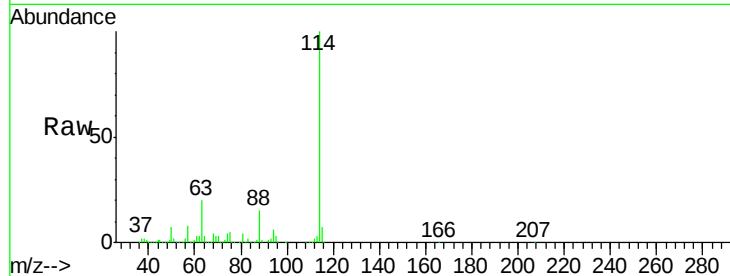




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2176
Delta R.T. -0.00 min
Lab File: VN049656.D
Acq: 30 Jun 2018 19:10

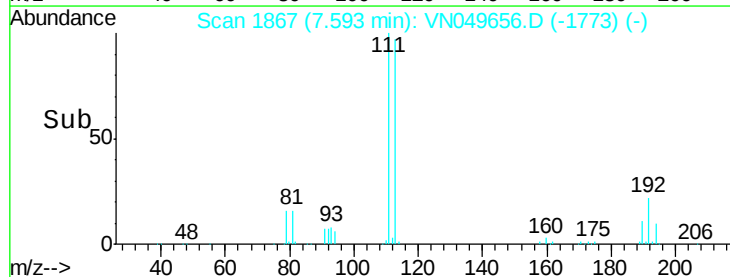
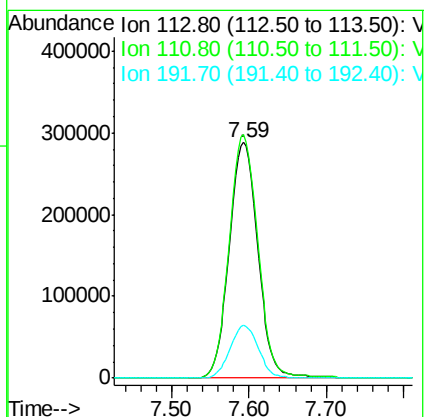
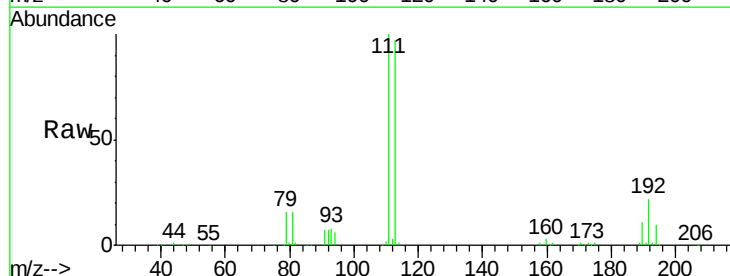
Instrument :
MSVOA_N
ClientSampleId :
MW-3

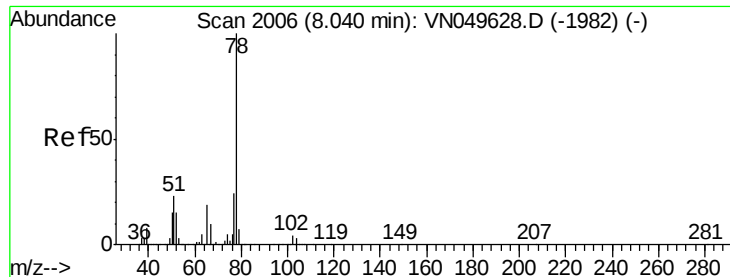
Tgt Ion:114 Resp: 2030957
Ion Ratio Lower Upper
114 100
63 19.8 0.0 39.8
88 15.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.759 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049656.D
Acq: 30 Jun 2018 19:10

Tgt Ion:113 Resp: 740342
Ion Ratio Lower Upper
113 100
111 102.7 81.8 122.8
192 22.2 17.8 26.6





#40

Benzene

Concen: 0.331 ug/l

RT: 8.05 min Scan# 2008

Delta R.T. 0.01 min

Lab File: VN049656.D

Acq: 30 Jun 2018 19:10

Instrument :

MSVOA_N

ClientSampled :

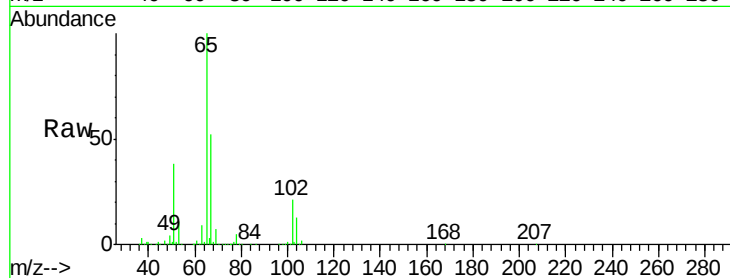
MW-3

Tgt Ion: 78 Resp: 23103

Ion Ratio Lower Upper

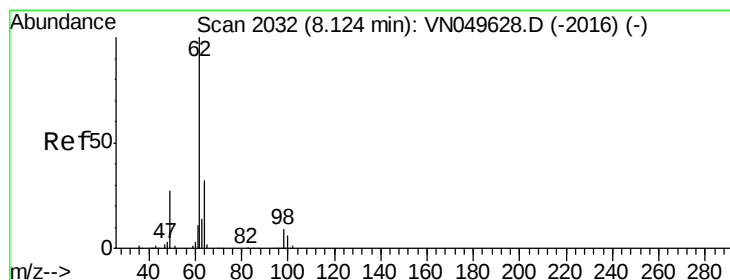
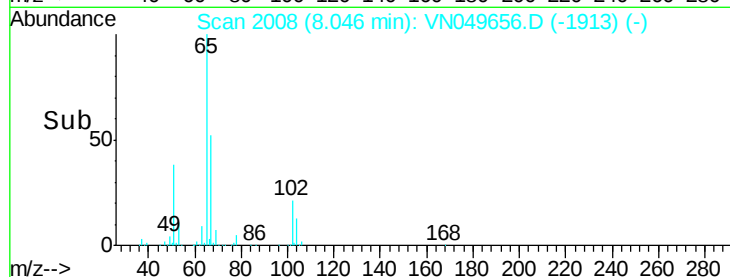
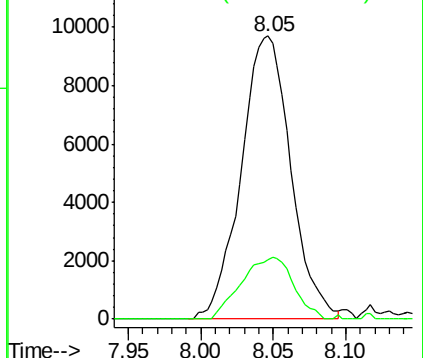
78 100

77 21.2 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#42

1,2-Dichloroethane

Concen: 0.343 ug/l

RT: 8.13 min Scan# 2034

Delta R.T. 0.01 min

Lab File: VN049656.D

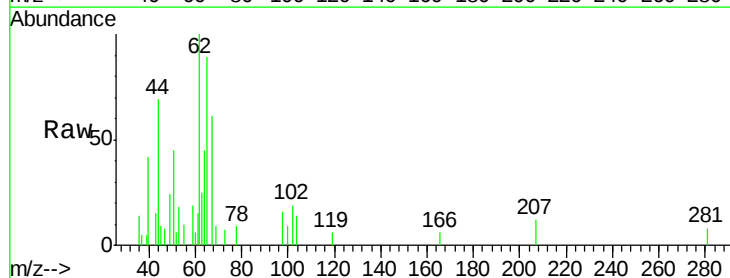
Acq: 30 Jun 2018 19:10

Tgt Ion: 62 Resp: 7648

Ion Ratio Lower Upper

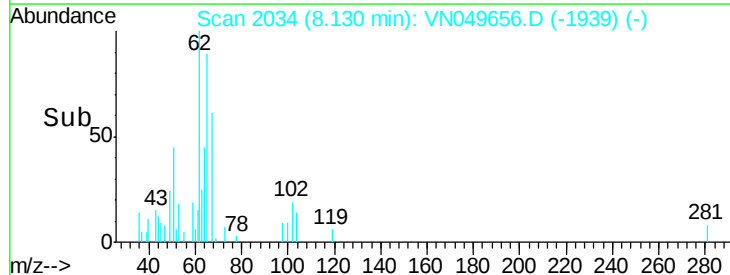
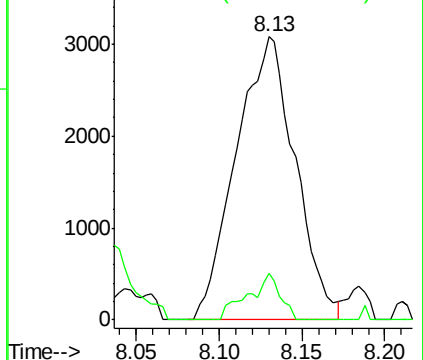
62 100

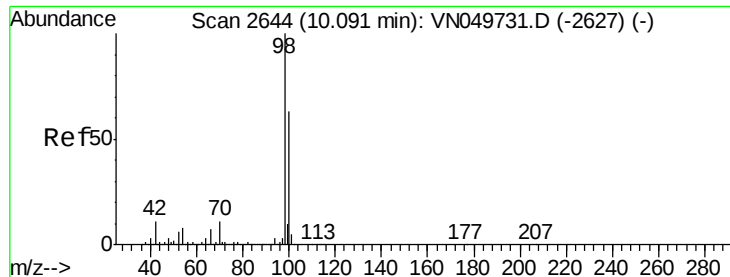
98 8.9 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#50

Toluene-d8

Concen: 46.293 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049656.D

Acq: 30 Jun 2018 19:10

Instrument :

MSVOA_N

ClientSampled :

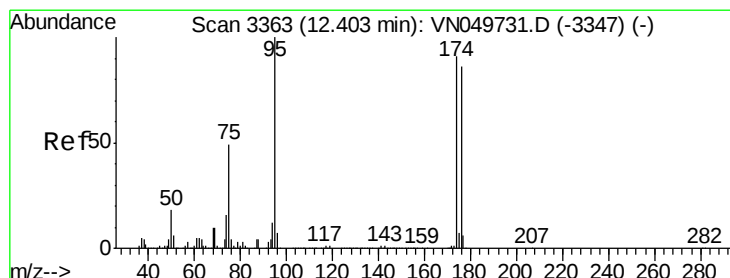
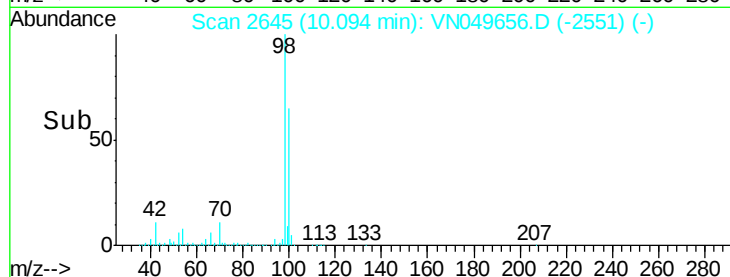
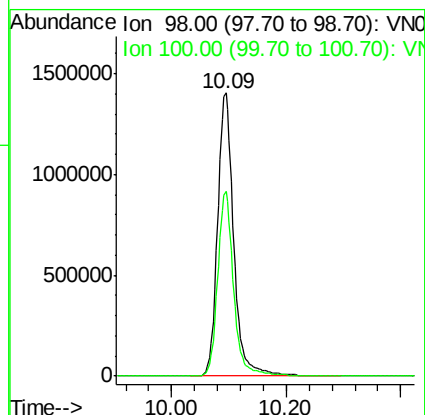
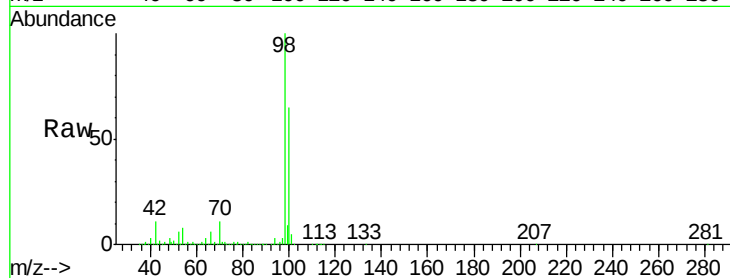
MW-3

Tgt Ion: 98 Resp: 2751251

Ion Ratio Lower Upper

98 100

100 64.4 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 38.662 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049656.D

Acq: 30 Jun 2018 19:10

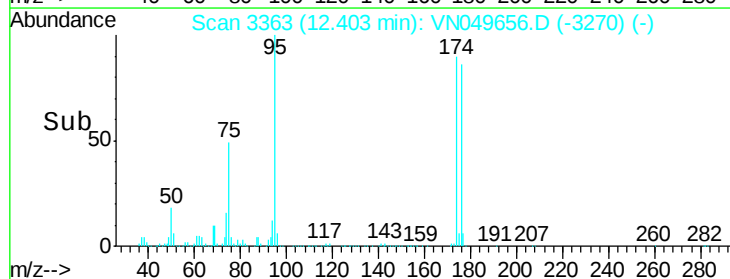
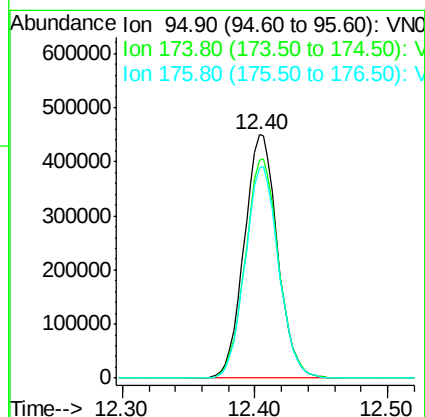
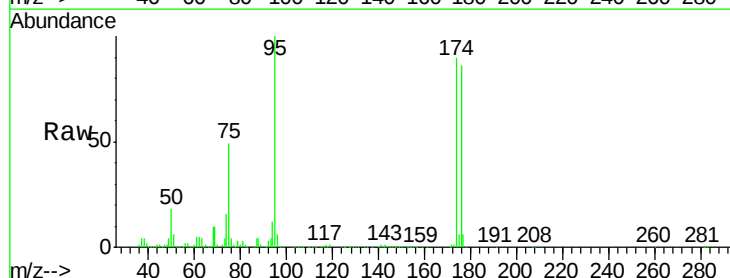
Tgt Ion: 95 Resp: 784490

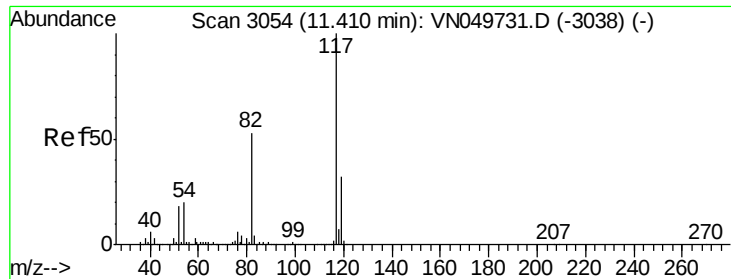
Ion Ratio Lower Upper

95 100

174 90.4 0.0 179.6

176 87.2 0.0 174.0

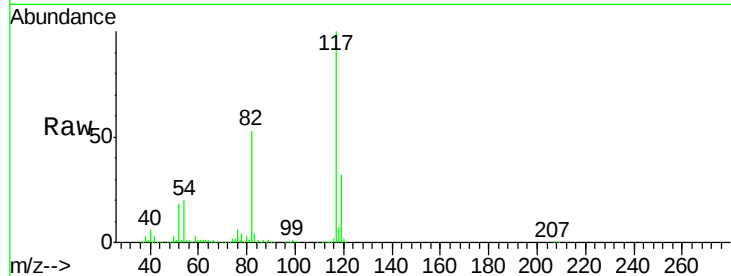




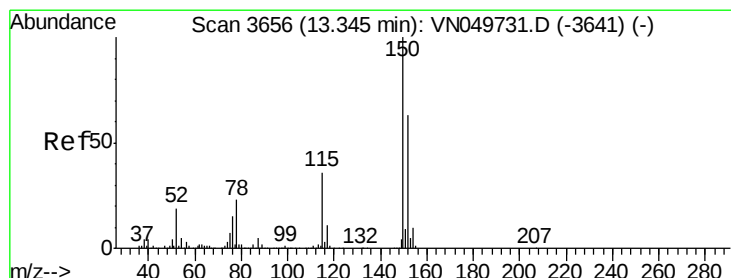
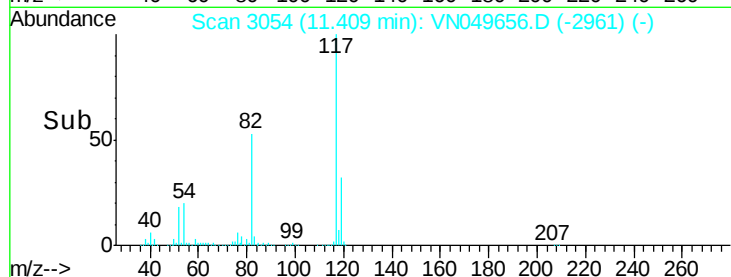
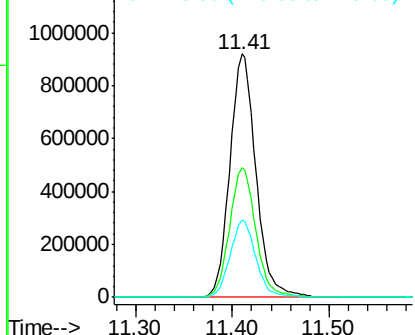
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049656.D
Acq: 30 Jun 2018 19:10

Instrument :
MSVOA_N
ClientSampleId :
MW-3

Tgt Ion:117 Resp: 1717238
Ion Ratio Lower Upper
117 100
82 53.3 41.9 62.9
119 31.9 25.4 38.2

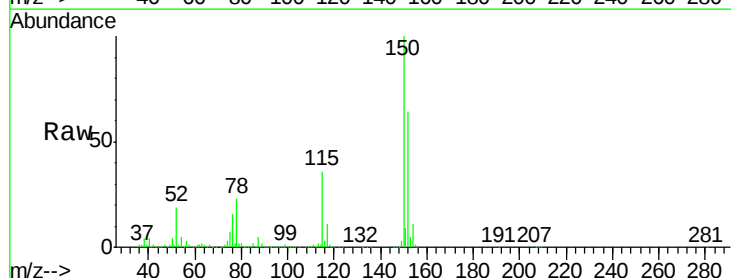


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN049656.D
Acq: 30 Jun 2018 19:10

Tgt Ion:152 Resp: 626503
Ion Ratio Lower Upper
152 100
115 55.7 28.1 84.2
150 156.7 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

