

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN093019\
 Data File : VN058443.D
 Acq On : 30 Sep 2019 18:08
 Operator : JC/SP
 Sample : K5080-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ142I-20190925

Quant Time: Oct 01 04:51:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

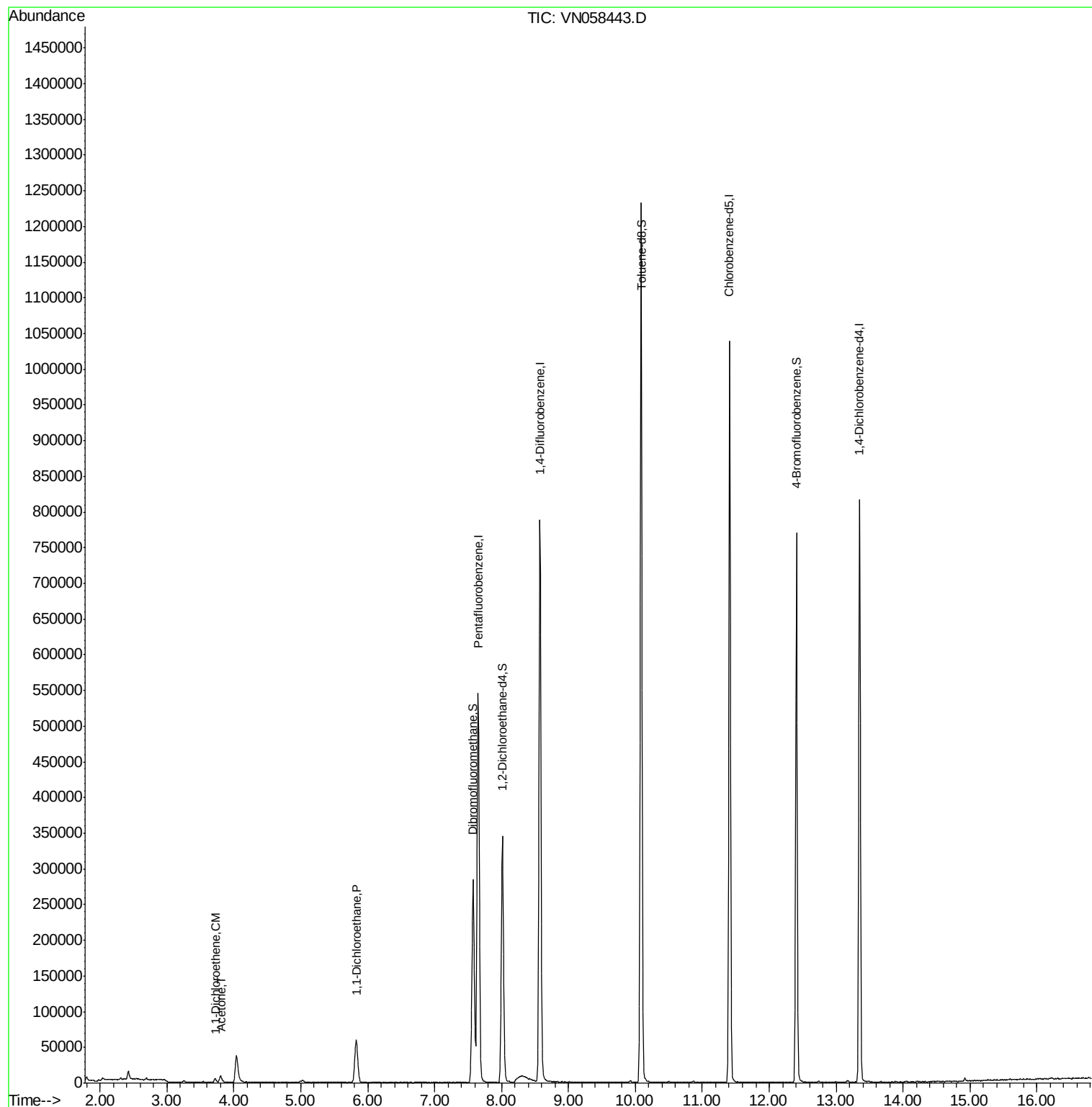
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	418740	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	684143	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	570777	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	212981	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	303172	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
35) Dibromofluoromethane	7.58	113	212792	50.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.50%	
50) Toluene-d8	10.08	98	847855	51.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.24%	
62) 4-Bromofluorobenzene	12.41	95	258097	43.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.92%	
Target Compounds						
12) 1,1-Dichloroethene	3.72	96	2616	0.662	ug/l	92
16) Acetone	3.80	43	15453	7.408	ug/l	97
24) 1,1-Dichloroethane	5.83	63	90502	10.395	ug/l	98

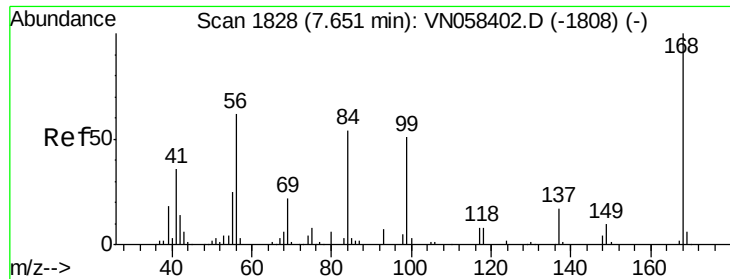
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN093019\
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QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058443.D

Acq: 30 Sep 2019 18:08

Instrument :

MSVOA_N

ClientSampleId :

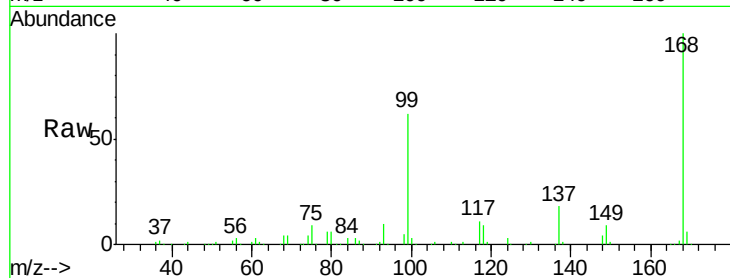
SA-PZ142I-20190925

Tot Ion:168 Resp: 418740

Ion Ratio Lower Upper

168 100

99 61.9 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

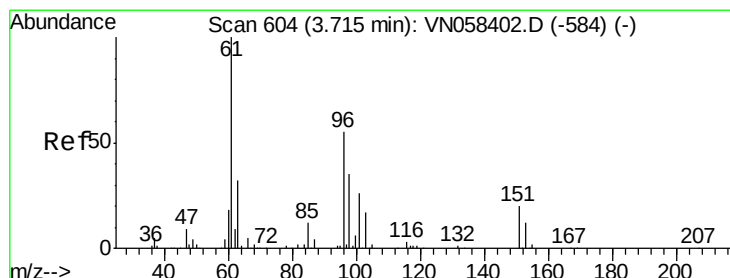
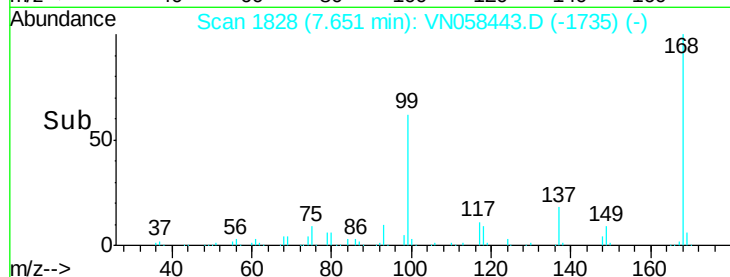
150000

100000

50000

0

Time-->



#12

1,1-Dichloroethene

Concen: 0.662 ug/l

RT: 3.72 min Scan# 606

Delta R.T. 0.01 min

Lab File: VN058443.D

Acq: 30 Sep 2019 18:08

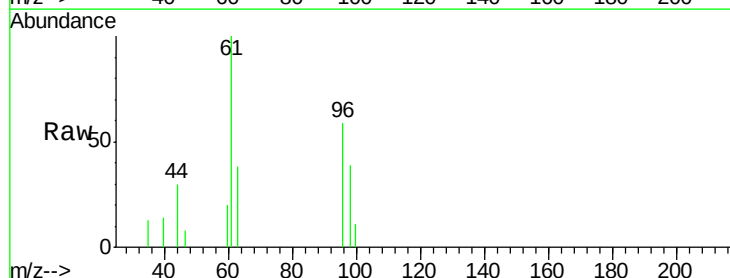
Tgt Ion: 96 Resp: 2616

Ion Ratio Lower Upper

96 100

61 168.9 146.7 220.1

98 66.2 51.3 76.9



Abundance Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO

3000

2500

2000

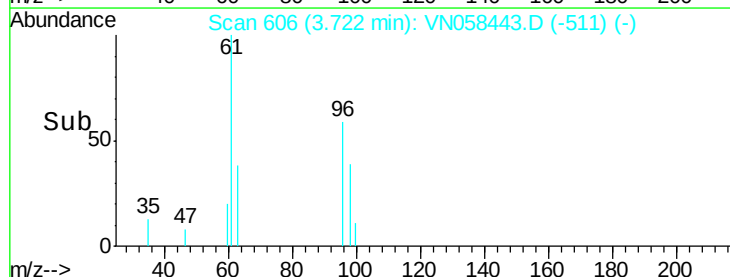
1500

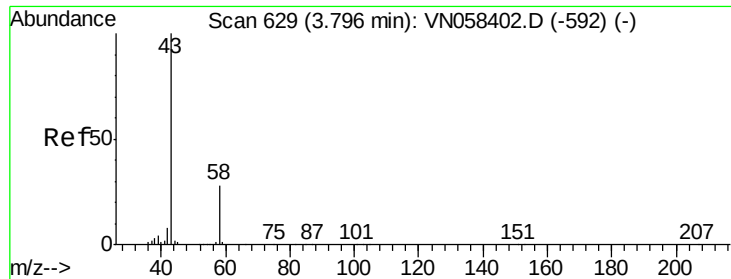
1000

500

0

Time-->





#16

Acetone

Concen: 7.408 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058443.D

Acq: 30 Sep 2019 18:08

Instrument :

MSVOA_N

ClientSampleId :

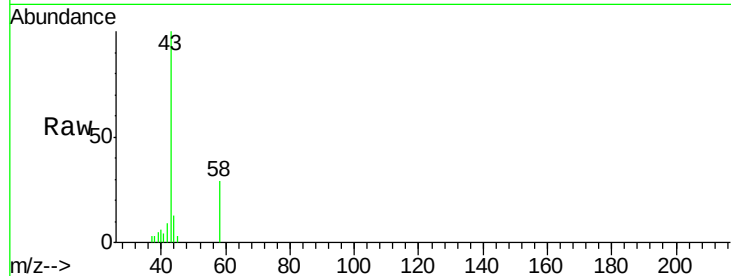
SA-PZ142I-20190925

Tot Ion: 43 Resp: 15453

Ion Ratio Lower Upper

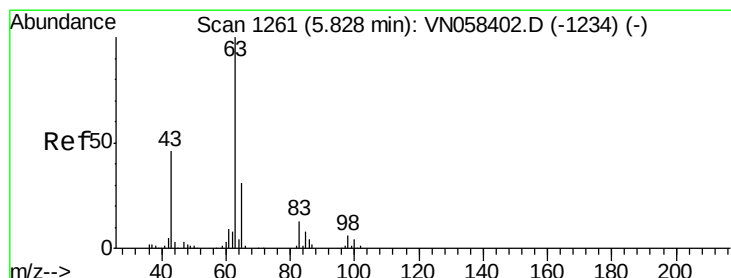
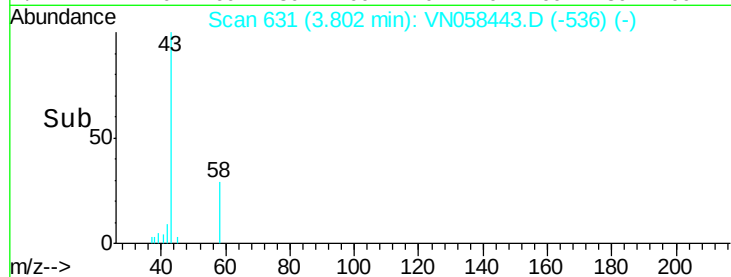
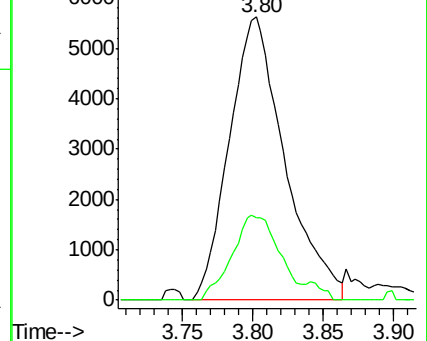
43 100

58 29.3 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#24

1,1-Dichloroethane

Concen: 10.395 ug/l

RT: 5.83 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN058443.D

Acq: 30 Sep 2019 18:08

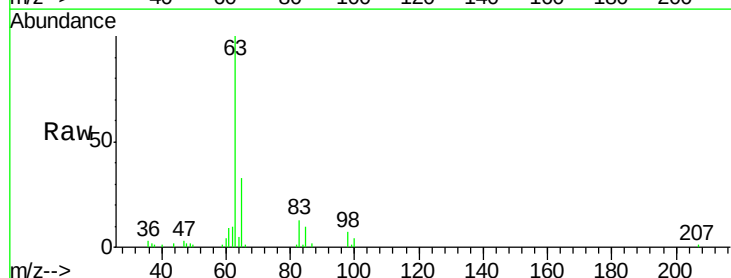
Tgt Ion: 63 Resp: 90502

Ion Ratio Lower Upper

63 100

98 6.6 3.0 9.0

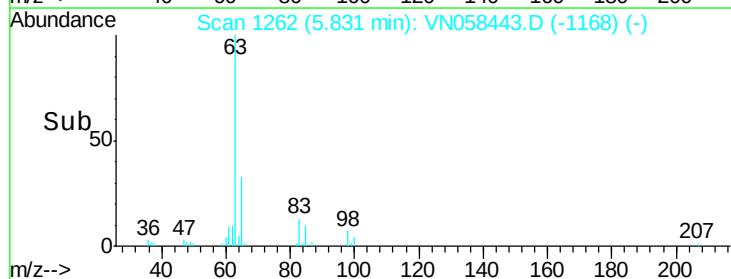
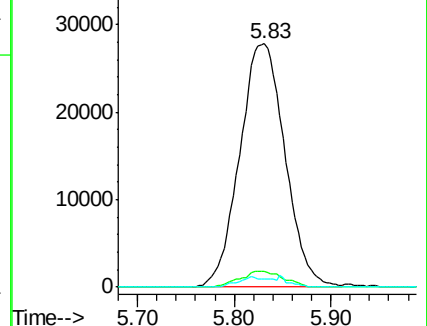
100 3.6 2.0 5.8

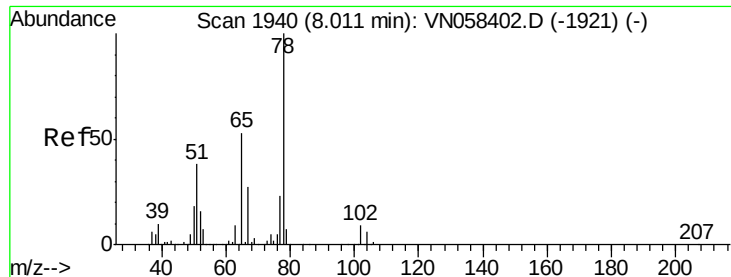


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

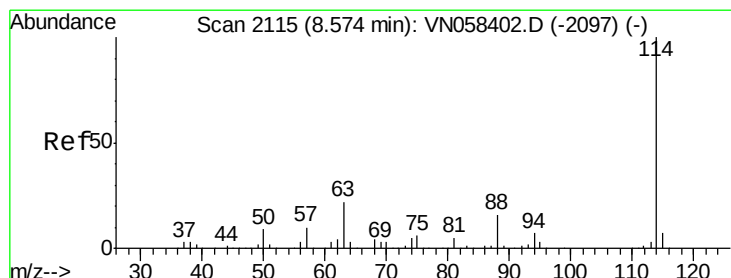
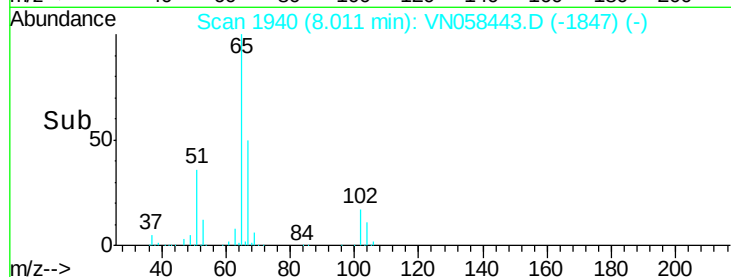
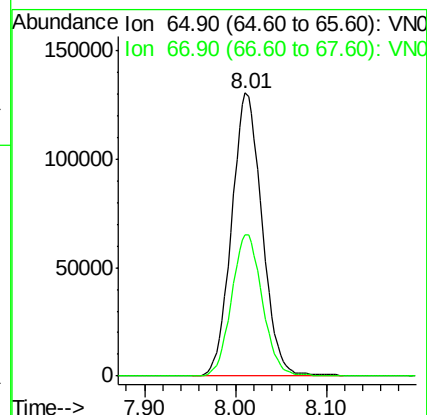
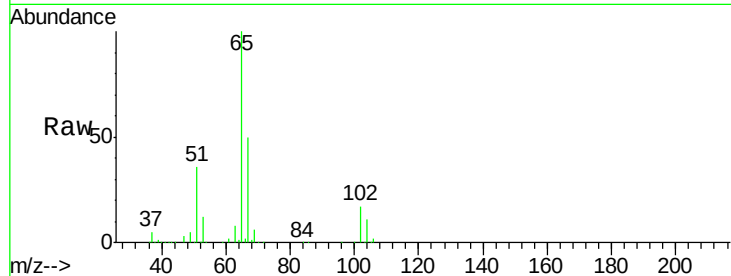




#33
 1,2-Dichloroethane-d4
 Concen: 49.544 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058443.D
 Acq: 30 Sep 2019 18:08

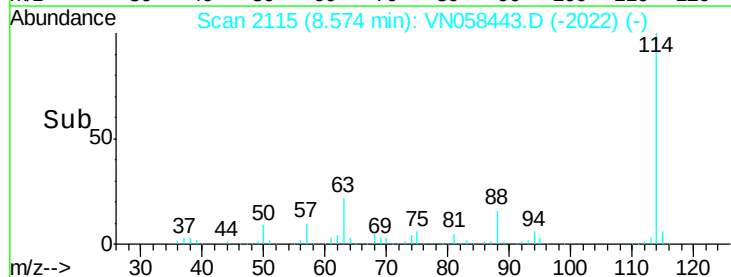
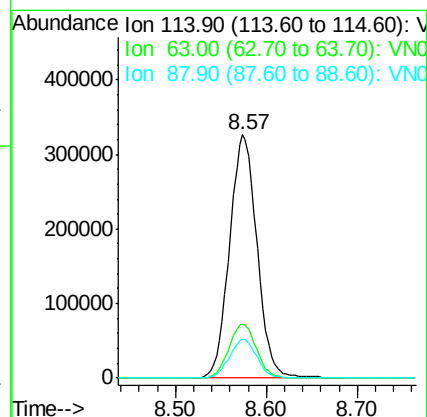
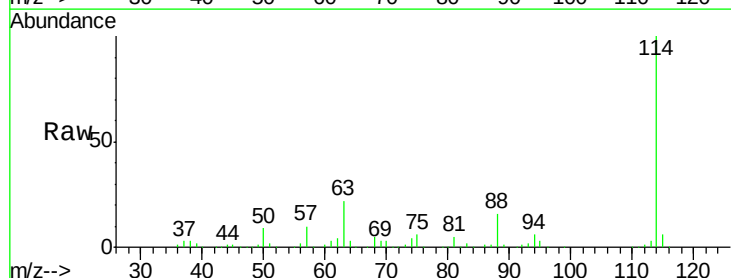
Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ142I-20190925

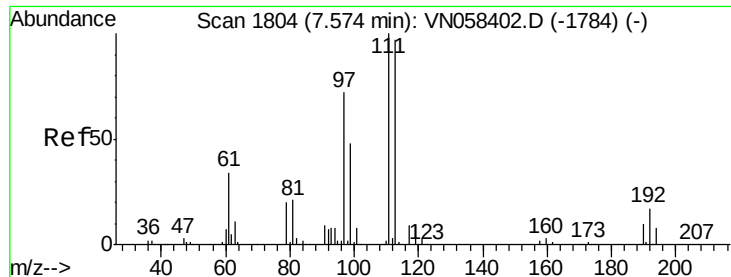
Tot Ion: 65 Resp: 303172
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058443.D
 Acq: 30 Sep 2019 18:08

Tgt Ion: 114 Resp: 684143
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 45.0
 88 16.1 0.0 32.2





#35

Dibromofluoromethane

Concen: 50.749 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN058443.D

Acq: 30 Sep 2019 18:08

Instrument :

MSVOA_N

ClientSampleId :

SA-PZ142I-20190925

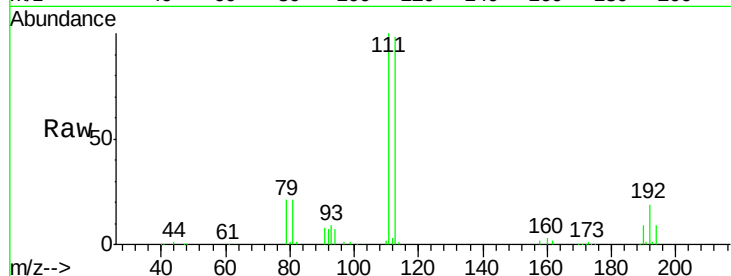
Tot Ion:113 Resp: 212792

Ion Ratio Lower Upper

113 100

111 103.0 83.4 125.2

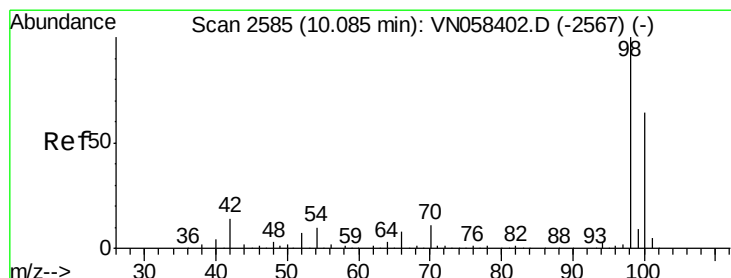
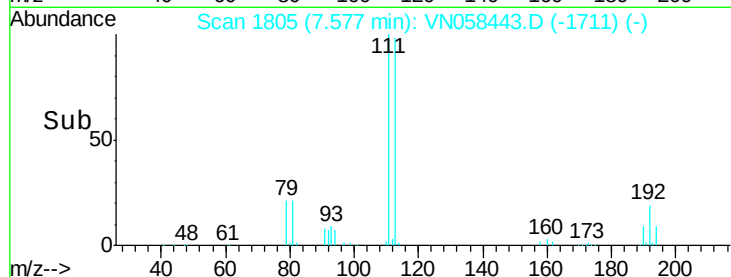
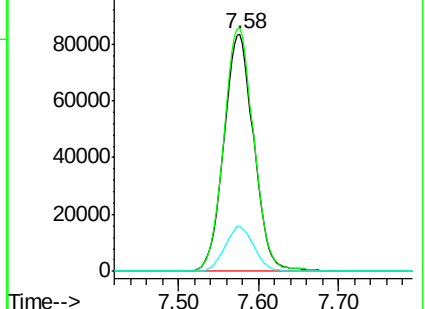
192 18.3 14.9 22.3



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: 51.617 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058443.D

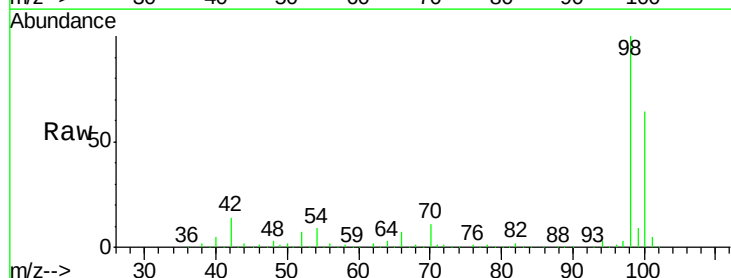
Acq: 30 Sep 2019 18:08

Tgt Ion: 98 Resp: 847855

Ion Ratio Lower Upper

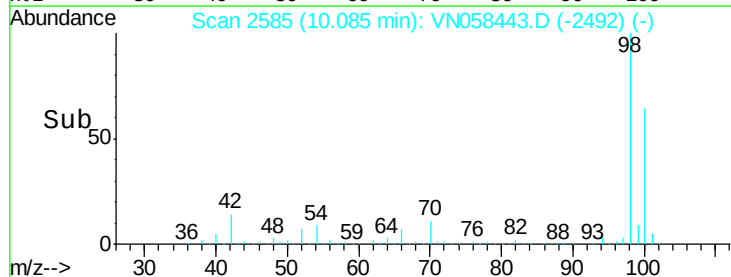
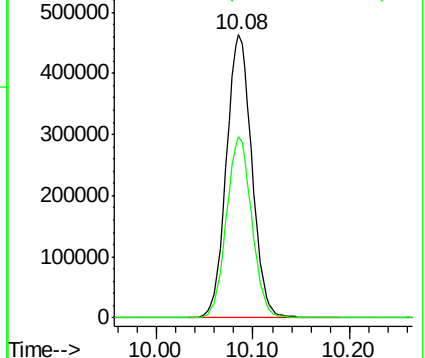
98 100

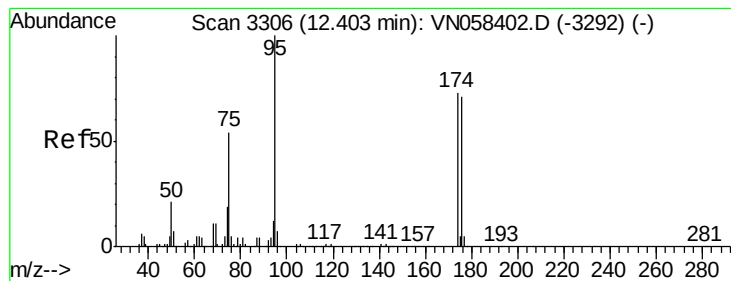
100 63.6 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 43.456 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058443.D

Acq: 30 Sep 2019 18:08

Instrument :

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ClientSampleId :

SA-PZ142I-20190925

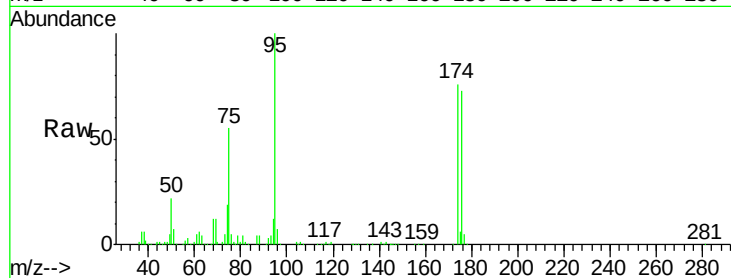
Tot Ion: 95 Resp: 258097

Ion Ratio Lower Upper

95 100

174 75.2 0.0 150.6

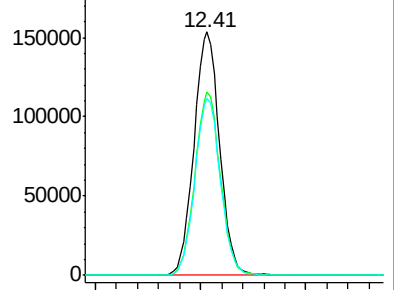
176 72.5 0.0 146.2



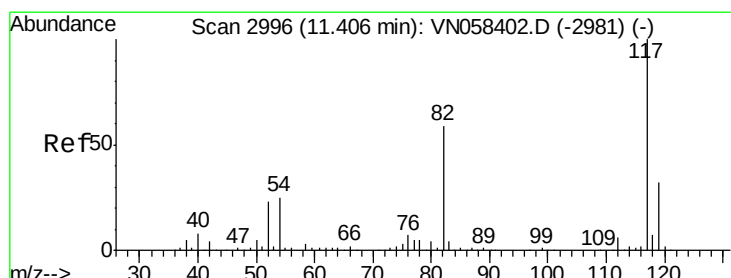
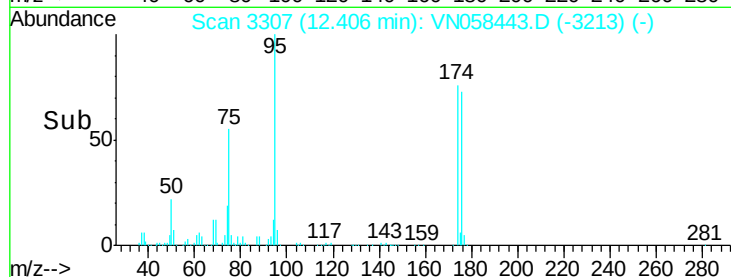
Abundance Ion 94.90 (94.60 to 95.60): VN058402.D (-3292) (-)

Ion 173.80 (173.50 to 174.50): VN058402.D (-3292) (-)

Ion 175.80 (175.50 to 176.50): VN058402.D (-3292) (-)



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058443.D

Acq: 30 Sep 2019 18:08

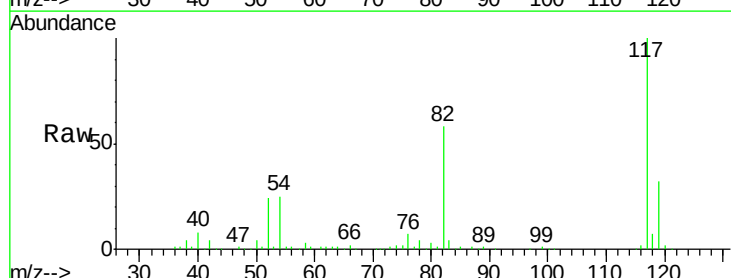
Tgt Ion: 117 Resp: 570777

Ion Ratio Lower Upper

117 100

82 58.2 47.4 71.0

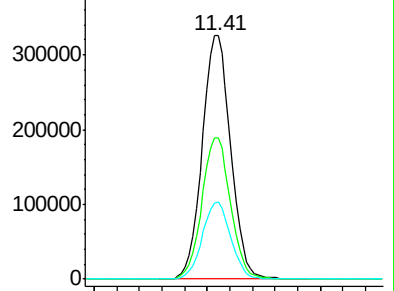
119 31.5 25.5 38.3



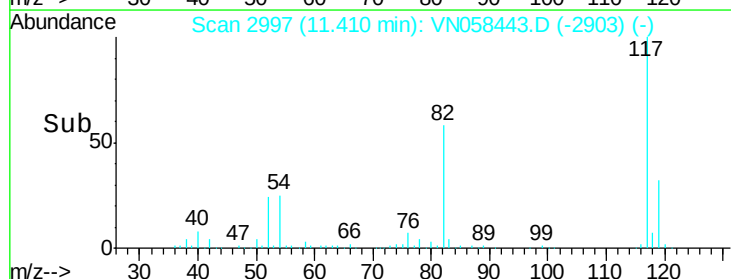
Abundance Ion 116.90 (116.60 to 117.60): VN058402.D (-2981) (-)

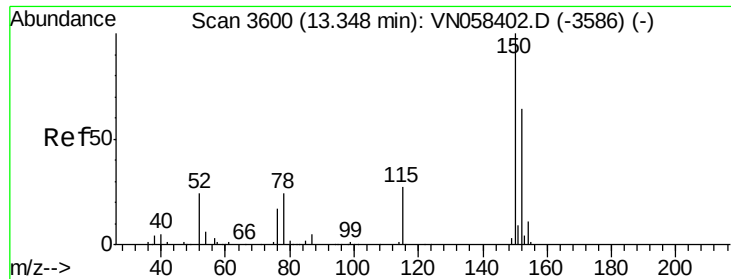
Ion 82.00 (81.70 to 82.70): VN058402.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN058402.D (-2981) (-)



Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058443.D

Acq: 30 Sep 2019 18:08

Instrument :

MSVOA_N

ClientSampleId :

SA-PZ142I-20190925

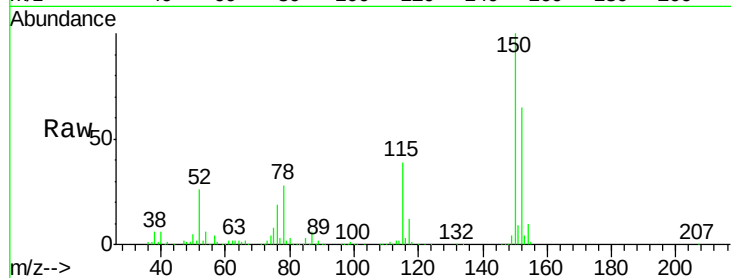
Tot Ion:152 Resp: 212981

Ion Ratio Lower Upper

152 100

115 61.1 30.0 90.0

150 157.3 0.0 348.2



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

