

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050719\
 Data File : VN055432.D
 Acq On : 7 May 2019 12:58
 Operator : JC/SP
 Sample : K2658-25
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: May 08 06:40:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

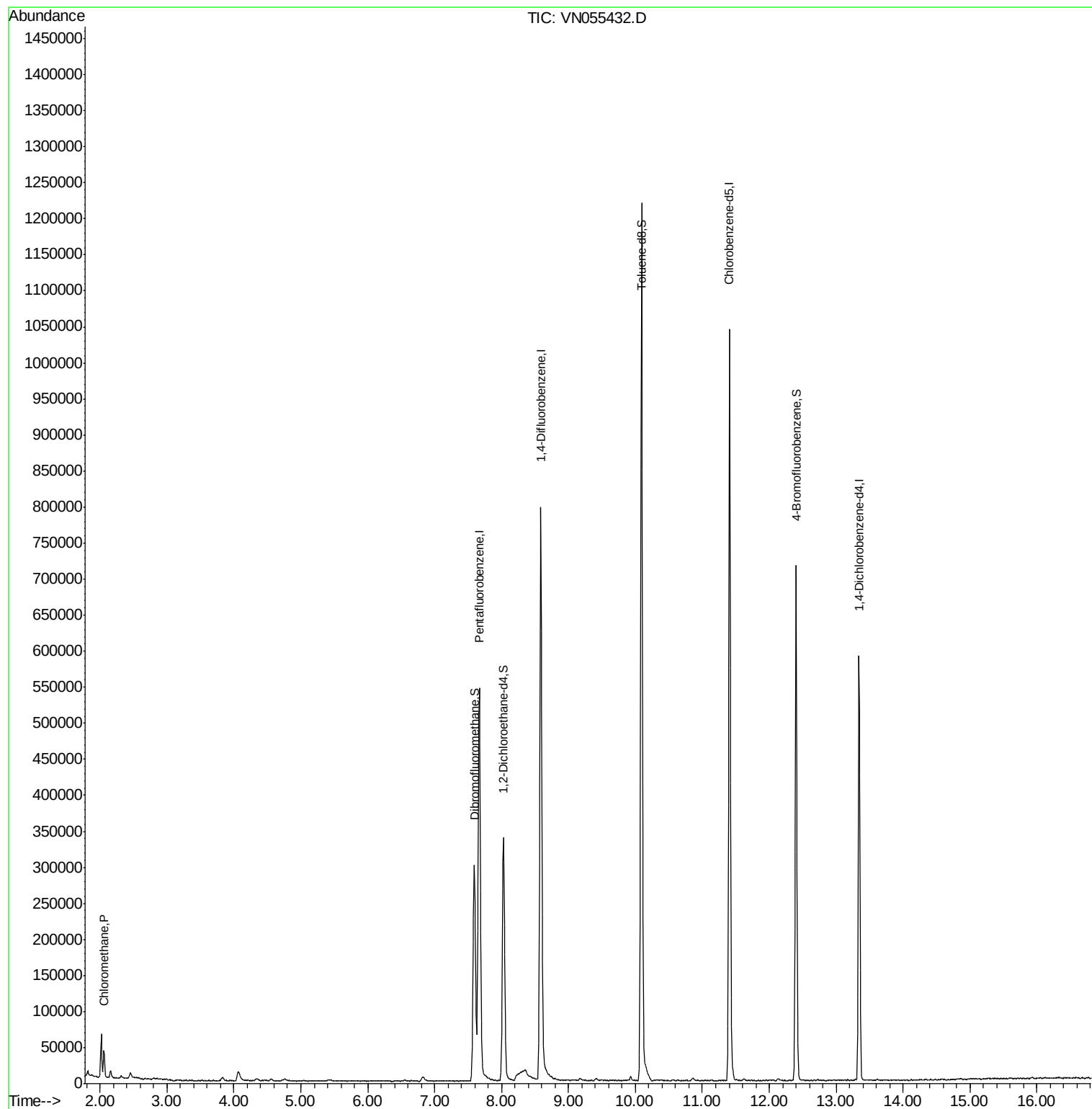
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	463219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	725993	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	585611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	158327	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	293943	48.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.02%	
35) Dibromofluoromethane	7.59	113	228452	47.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.88%	
50) Toluene-d8	10.09	98	851491	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.98%	
62) 4-Bromofluorobenzene	12.40	95	240454	44.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.42%	
Target Compounds						
3) Chloromethane	2.06	50	32483	4.622	ug/l	99

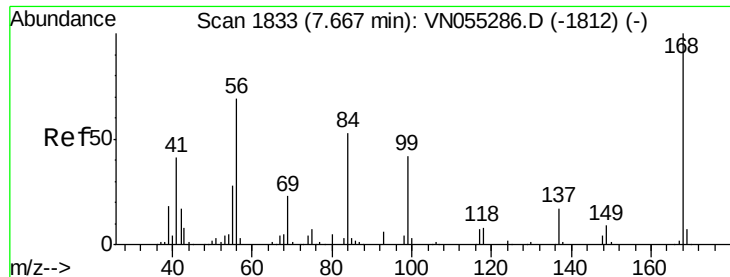
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055432.D

Acq: 7 May 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

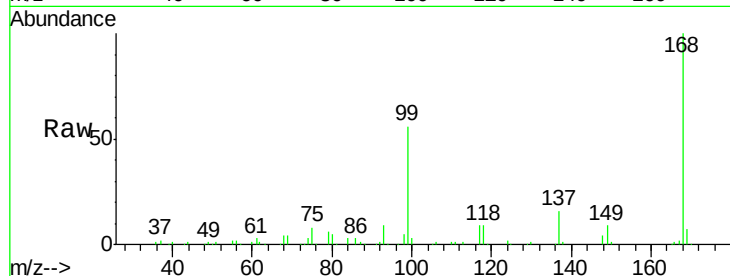
TRIP-BLANK

Tot Ion:168 Resp: 463219

Ion Ratio Lower Upper

168 100

99 56.3 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

200000

150000

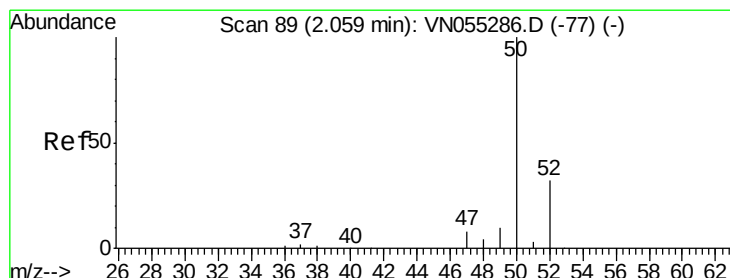
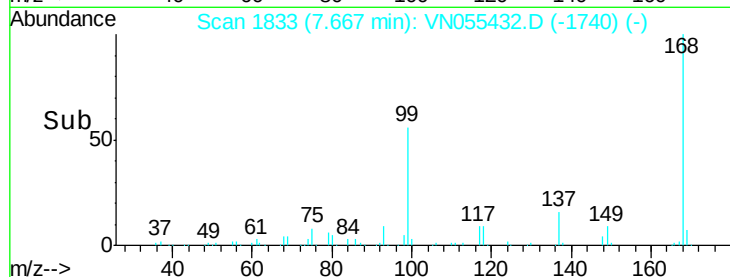
100000

50000

0

7.60 7.70 7.80

Time-->



#3

Chloromethane

Concen: 4.622 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN055432.D

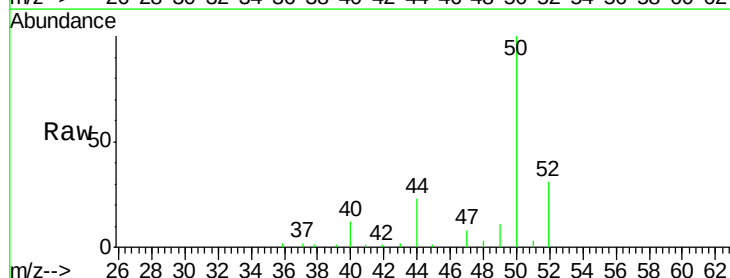
Acq: 7 May 2019 12:58

Tgt Ion: 50 Resp: 32483

Ion Ratio Lower Upper

50 100

52 31.3 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.06

25000

20000

15000

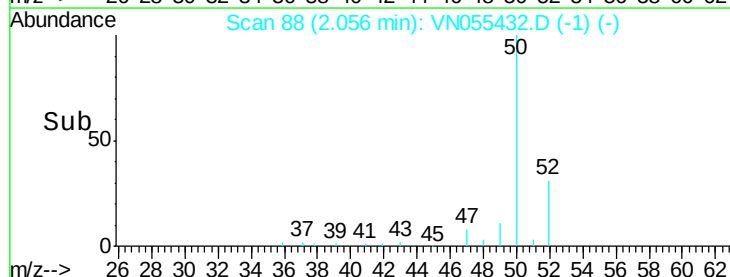
10000

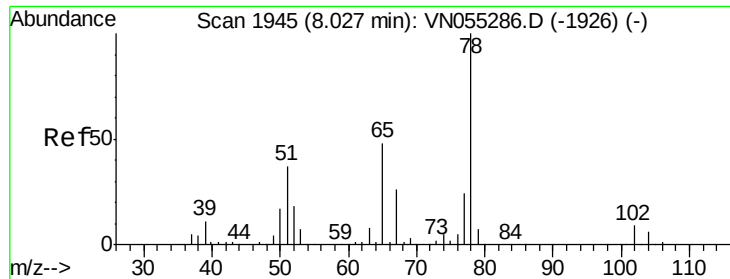
5000

0

2.00 2.05 2.10

Time-->

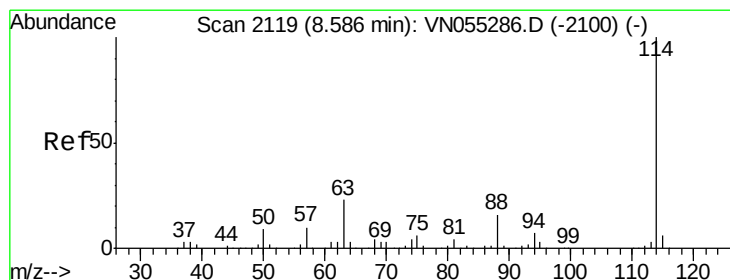
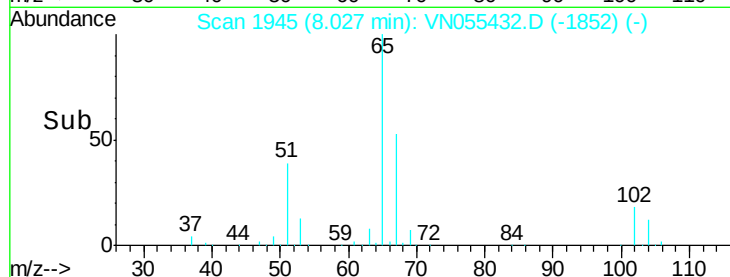
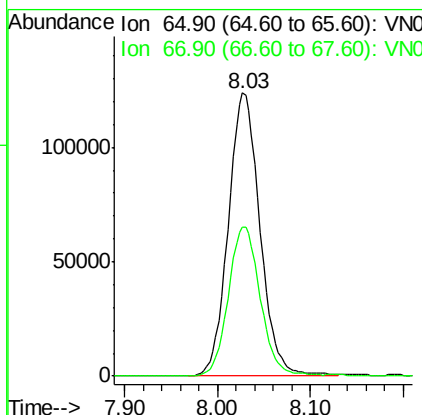
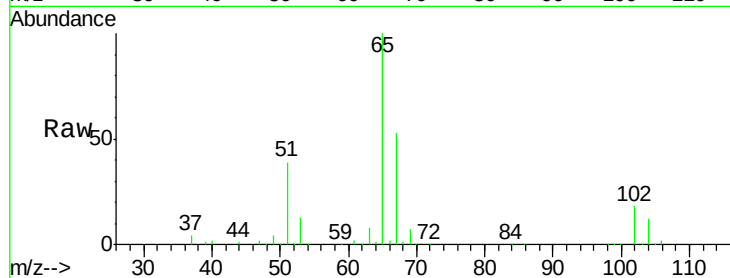




#33
 1,2-Dichloroethane-d4
 Concen: 48.506 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055432.D
 Acq: 7 May 2019 12:58

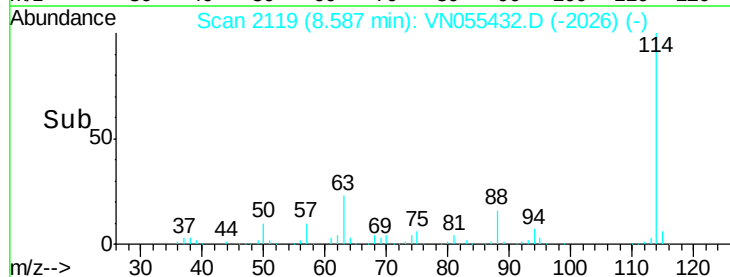
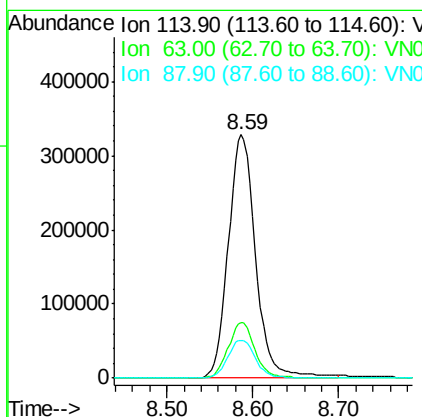
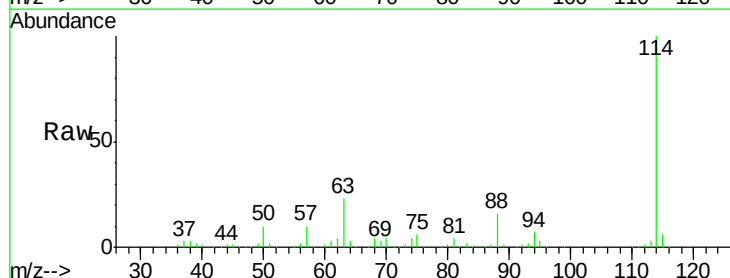
Instrument :
 MSVOA_N
 ClientSampleId :
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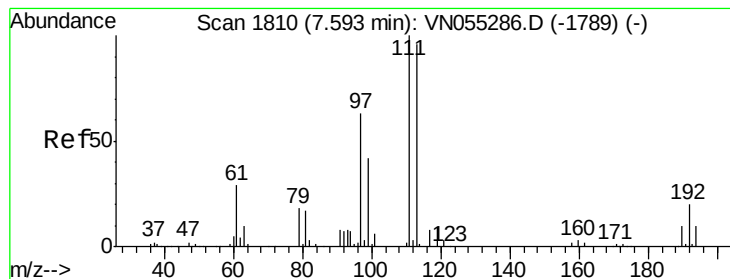
Tot Ion: 65 Resp: 293943
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055432.D
 Acq: 7 May 2019 12:58

Tgt Ion: 114 Resp: 725993
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 45.2
 88 15.6 0.0 31.6





#35

Dibromofluoromethane

Concen: 47.942 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055432.D

Acq: 7 May 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

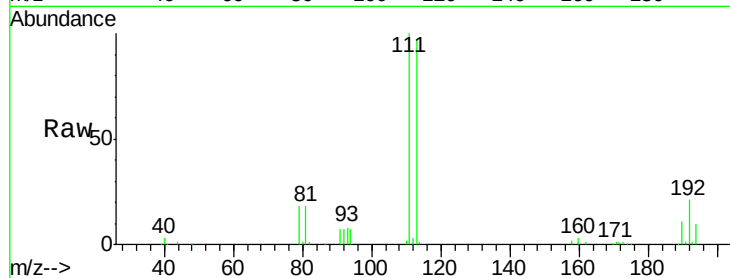
Tot Ion:113 Resp: 228452

Ion Ratio Lower Upper

113 100

111 103.1 82.3 123.5

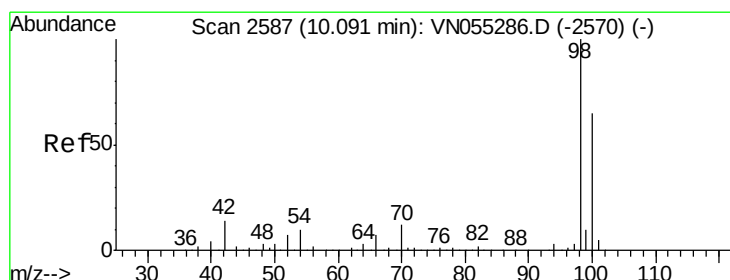
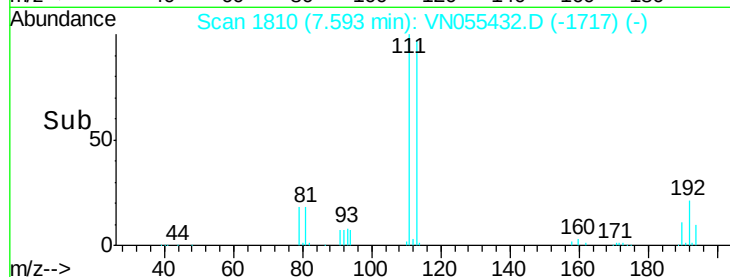
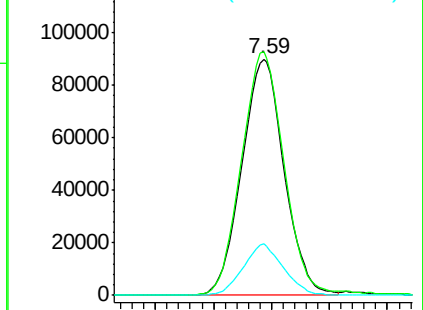
192 20.8 17.0 25.6



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: 49.487 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055432.D

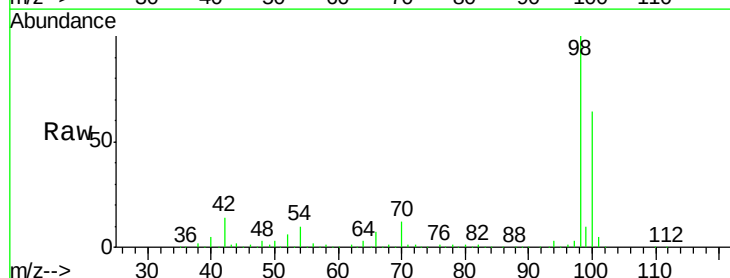
Acq: 7 May 2019 12:58

Tgt Ion: 98 Resp: 851491

Ion Ratio Lower Upper

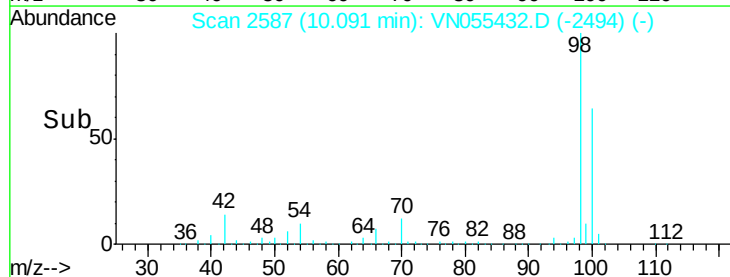
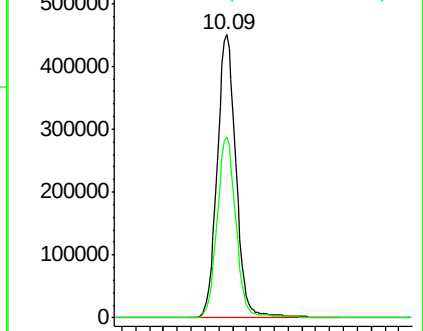
98 100

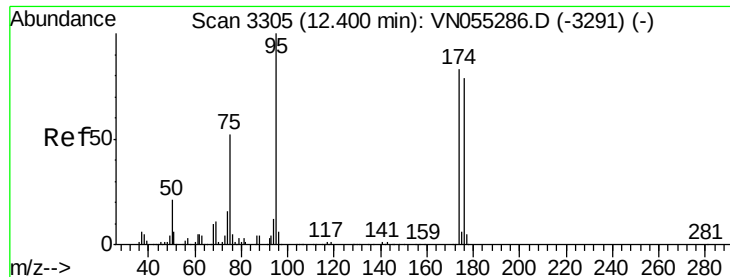
100 63.3 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 44.714 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055432.D

Acq: 7 May 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

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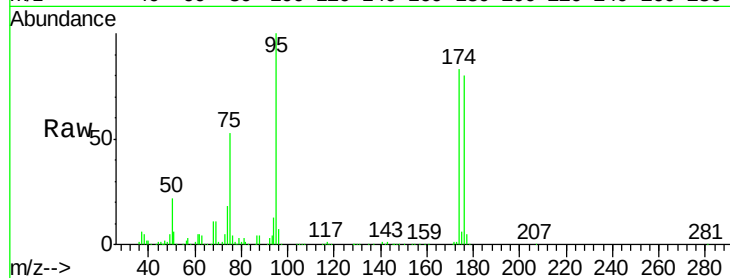
Tot Ion: 95 Resp: 240454

Ion Ratio Lower Upper

95 100

174 82.6 0.0 166.6

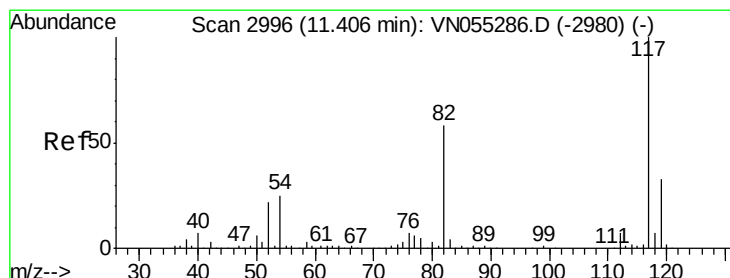
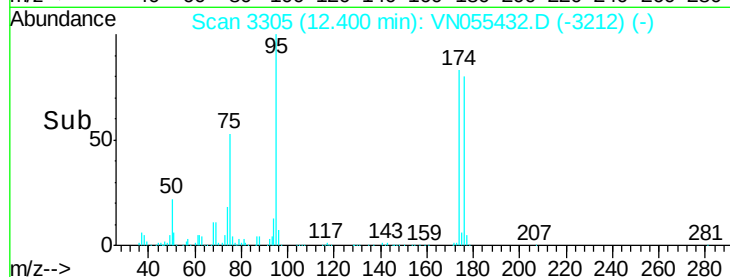
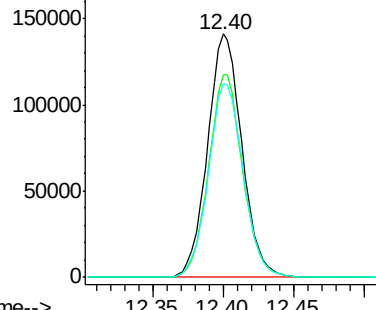
176 81.0 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN055286.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055286.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055286.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055432.D

Acq: 7 May 2019 12:58

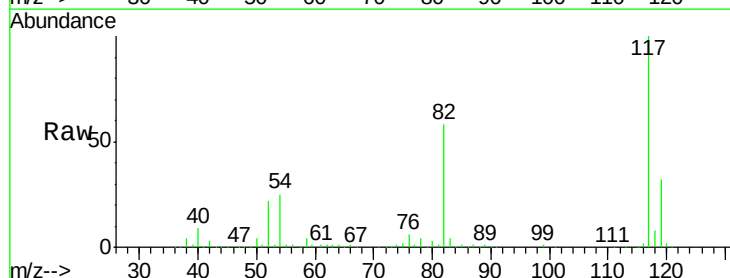
Tgt Ion: 117 Resp: 585611

Ion Ratio Lower Upper

117 100

82 58.0 46.2 69.4

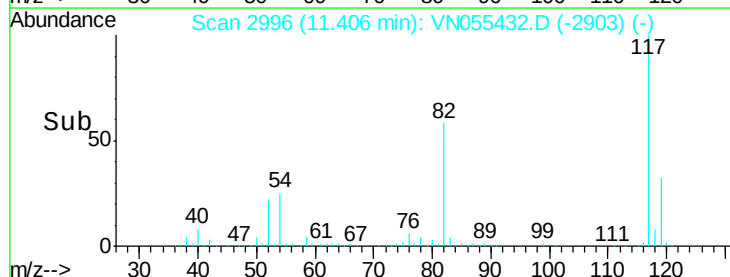
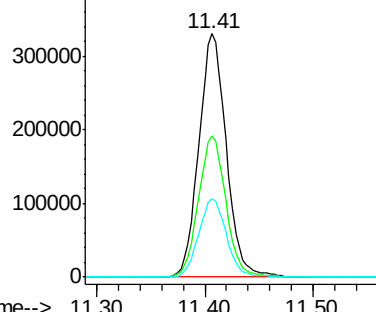
119 32.5 26.6 40.0

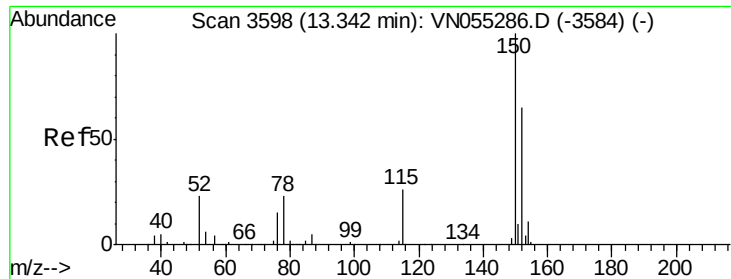


Abundance Ion 116.90 (116.60 to 117.60): VN055286.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN055286.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN055286.D (-2980) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055432.D

Acq: 7 May 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

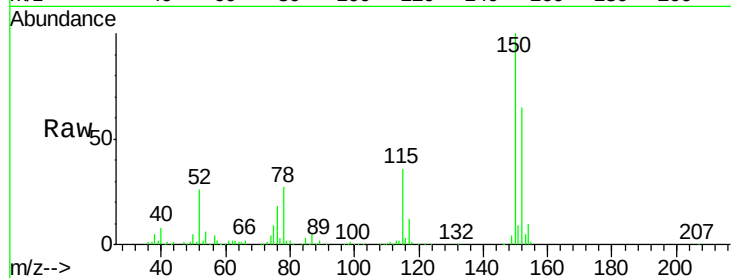
Tot Ion:152 Resp: 158327

Ion Ratio Lower Upper

152 100

115 56.8 29.0 87.0

150 156.0 0.0 345.6



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

