

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090719\
 Data File : VN057753.D
 Acq On : 7 Sep 2019 15:07
 Operator : JC/SP
 Sample : K4581-24
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T12-C3-(0)

Quant Time: Sep 08 06:51:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 03:46:54 2019
 Response via : Initial Calibration

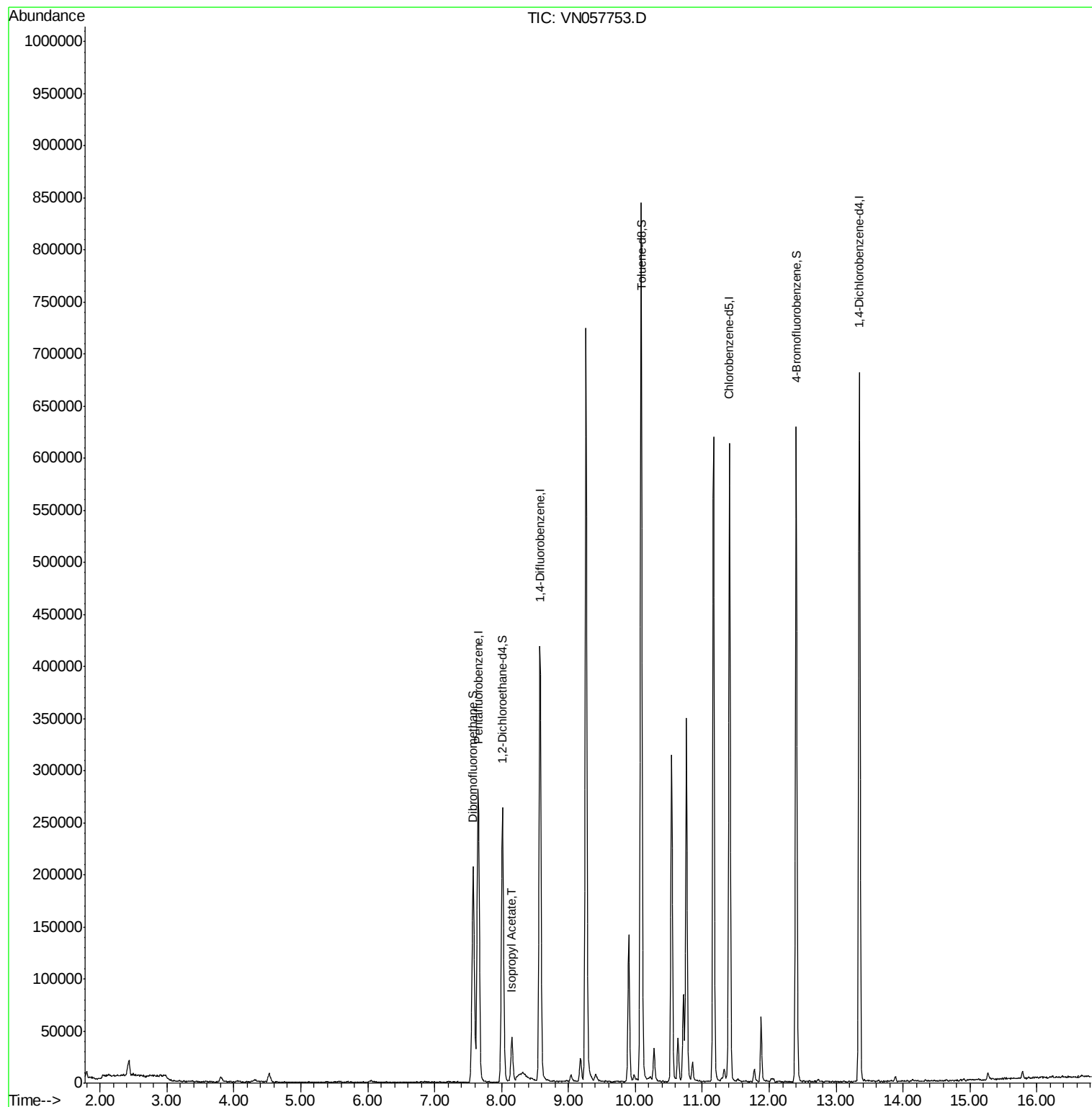
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	203965	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	332474	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	303065	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	157562	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	233624	47.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.16%	
35) Dibromofluoromethane	7.58	113	143789	47.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.96%	
50) Toluene-d8	10.09	98	540017	48.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.40%	
62) 4-Bromofluorobenzene	12.40	95	200641	43.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.24%	
Target Compounds						
43) Isopropyl Acetate	8.15	43	51950	6.164	ug/l	Qvalue 100

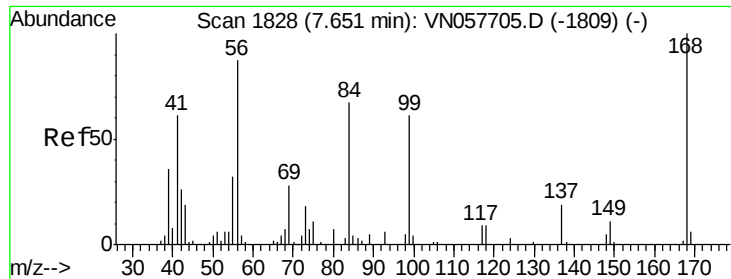
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057753.D

Acq: 7 Sep 2019 15:07

Instrument :

MSVOA_N

ClientSampleId :

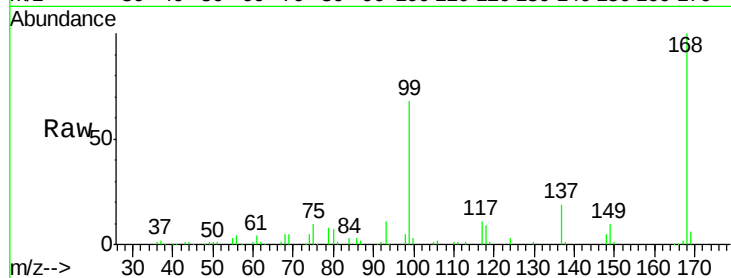
T12-C3-(0)

Tot Ion:168 Resp: 203965

Ion Ratio Lower Upper

168 100

99 67.8 57.4 86.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

80000

60000

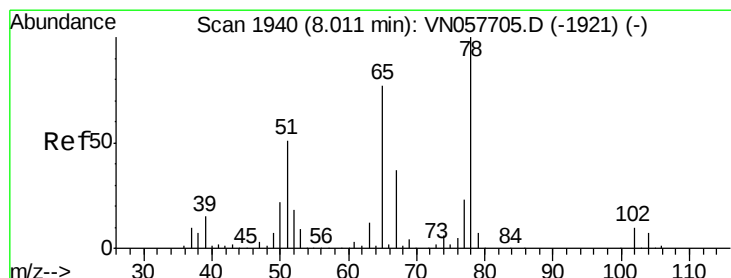
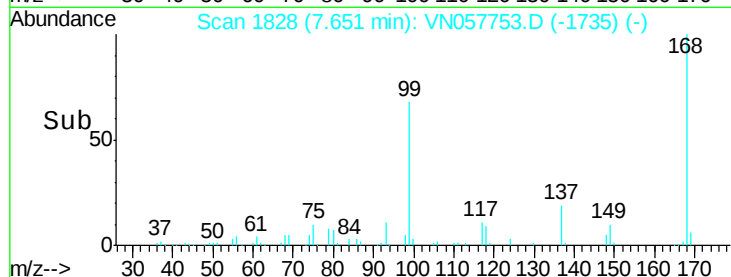
40000

20000

0

7.60 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.084 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057753.D

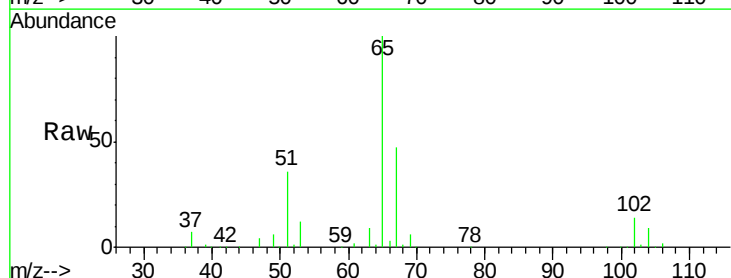
Acq: 7 Sep 2019 15:07

Tgt Ion: 65 Resp: 233624

Ion Ratio Lower Upper

65 100

67 49.0 0.0 98.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.01

100000

80000

60000

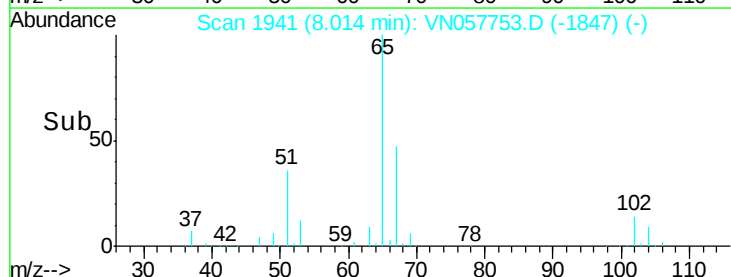
40000

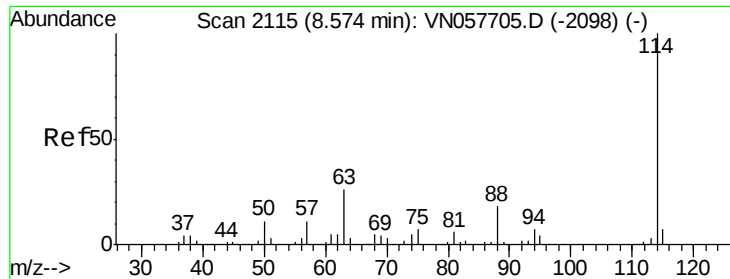
20000

0

7.90 7.95 8.00 8.05 8.10

Time-->

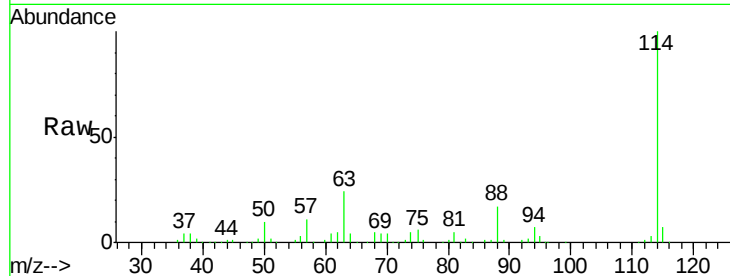




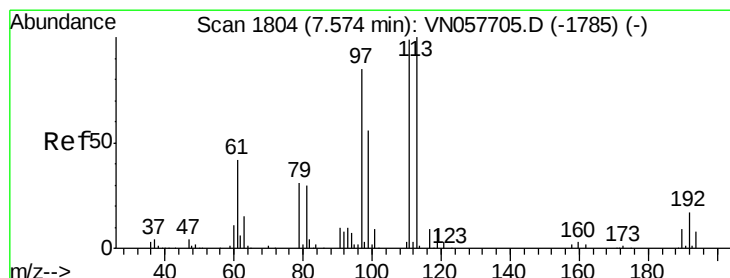
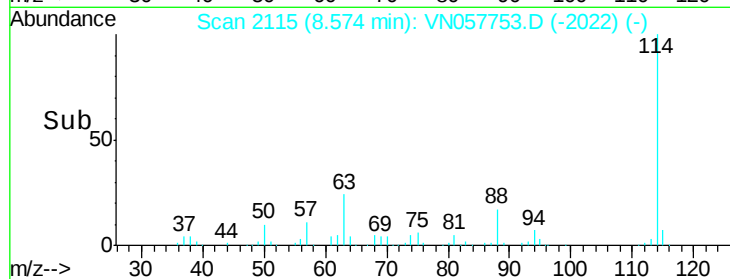
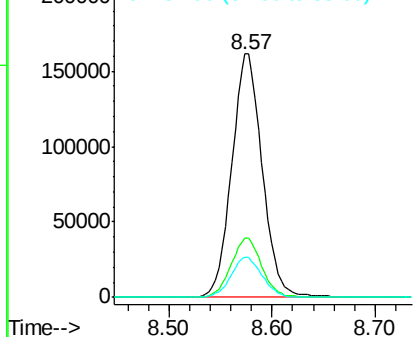
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN057753.D
 Acq: 7 Sep 2019 15:07

Instrument :
 MSVOA_N
 ClientSampleId :
 T12-C3-(0)

Tot Ion:114 Resp: 332474
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 52.4
 88 16.5 0.0 35.4

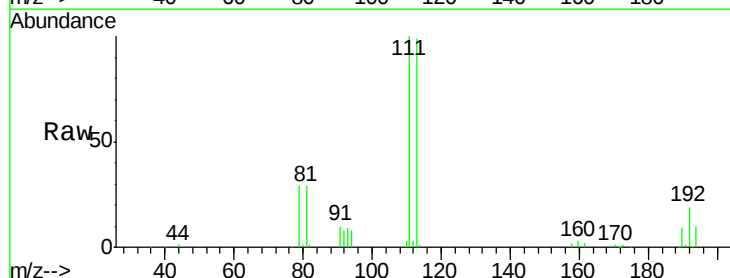


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

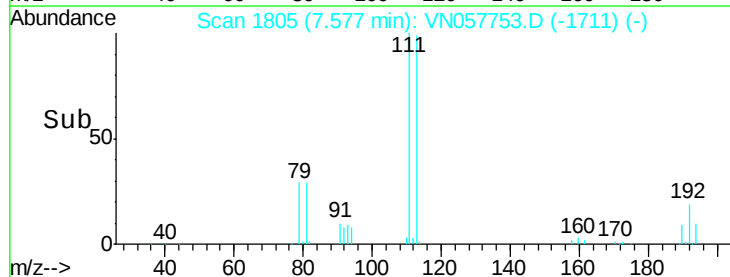
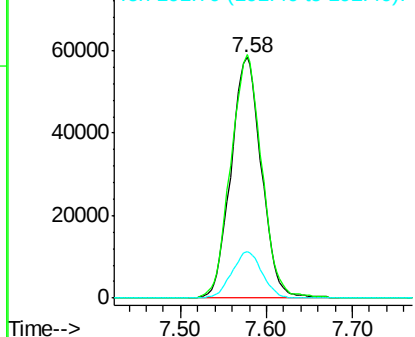


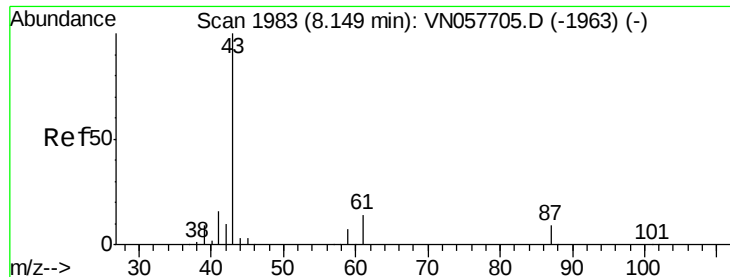
#35
 Dibromofluoromethane
 Concen: 47.481 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057753.D
 Acq: 7 Sep 2019 15:07

Tgt Ion:113 Resp: 143789
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.7 124.1
 192 19.2 13.8 20.6



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





#43

Isopropyl Acetate

Concen: 6.164 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN057753.D

Acq: 7 Sep 2019 15:07

Instrument :

MSVOA_N

ClientSampleId :

T12-C3-(0)

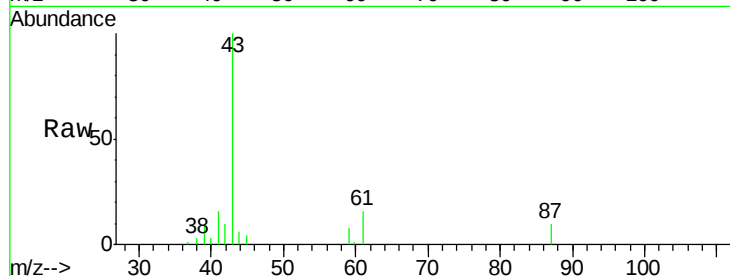
Tot Ion: 43 Resp: 51950

Ion Ratio Lower Upper

43 100

61 16.0 12.8 19.2

87 9.6 7.8 11.8

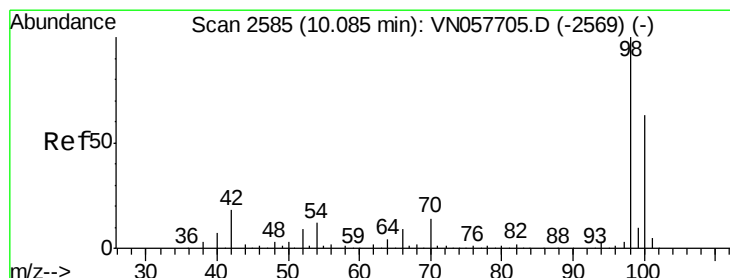
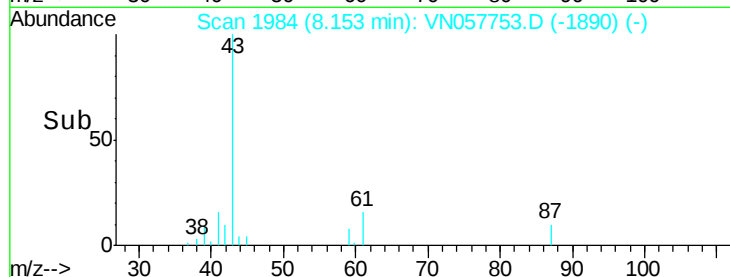
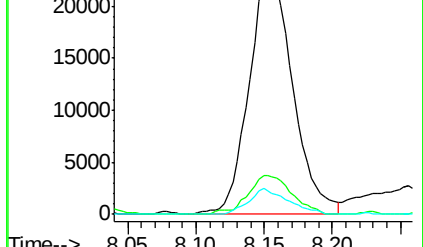


Abundance Ion 43.00 (42.70 to 43.70): VN057705.D (-1963) (-)

Ion 61.00 (60.70 to 61.70): VN057705.D (-1963) (-)

Ion 87.00 (86.70 to 87.70): VN057705.D (-1963) (-)

Time-->



#50

Toluene-d8

Concen: 48.205 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057753.D

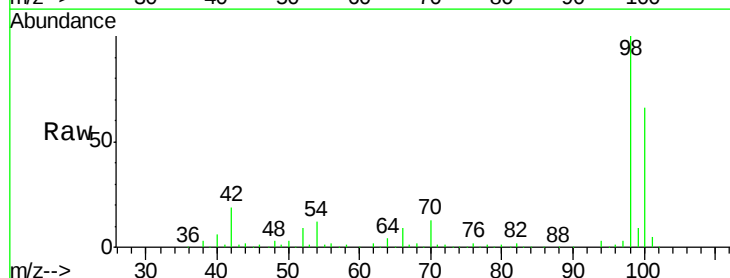
Acq: 7 Sep 2019 15:07

Tgt Ion: 98 Resp: 540017

Ion Ratio Lower Upper

98 100

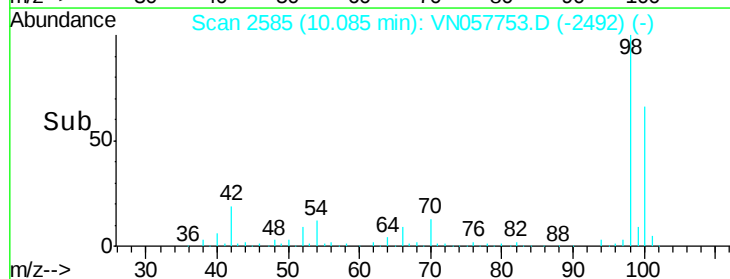
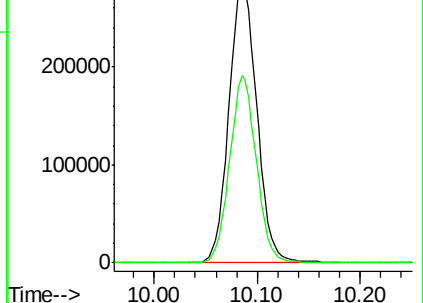
100 64.0 50.7 76.1

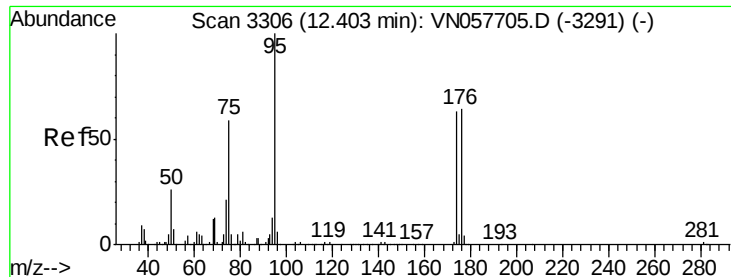


Abundance Ion 98.00 (97.70 to 98.70): VN057705.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN057705.D (-2569) (-)

Time-->





#62

4-Bromofluorobenzene

Concen: 43.121 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057753.D

Acq: 7 Sep 2019 15:07

Instrument :

MSVOA_N

ClientSampleId :

T12-C3-(0)

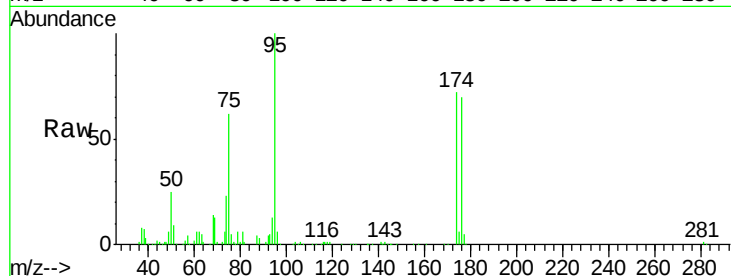
Tot Ion: 95 Resp: 200641

Ion Ratio Lower Upper

95 100

174 72.7 0.0 128.0

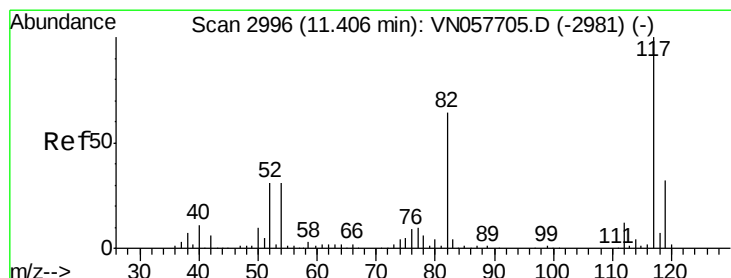
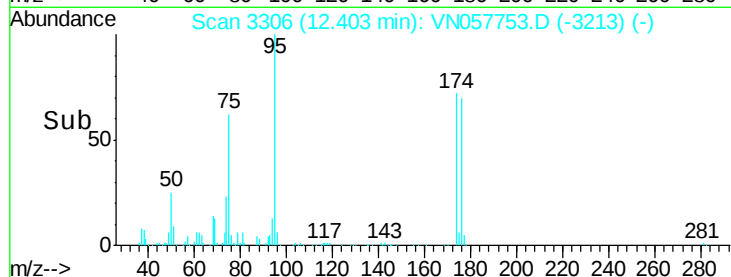
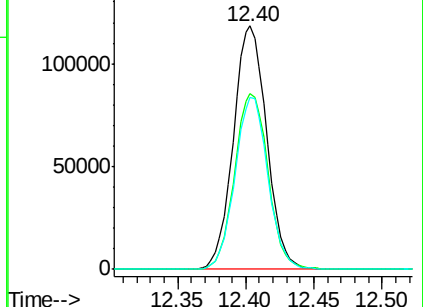
176 69.9 0.0 128.0



Abundance Ion 94.90 (94.60 to 95.60): VN057705.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN057705.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN057705.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057753.D

Acq: 7 Sep 2019 15:07

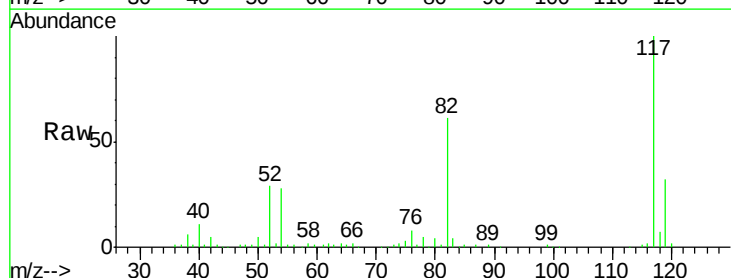
Tgt Ion: 117 Resp: 303065

Ion Ratio Lower Upper

117 100

82 60.7 51.4 77.0

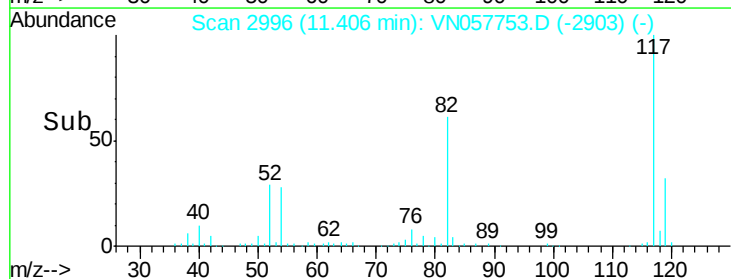
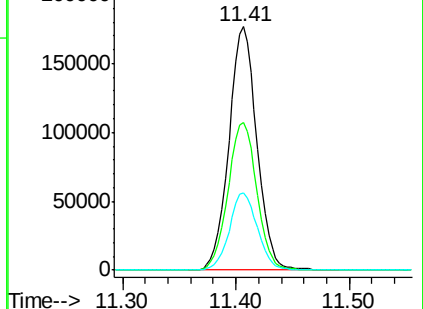
119 31.8 25.4 38.2

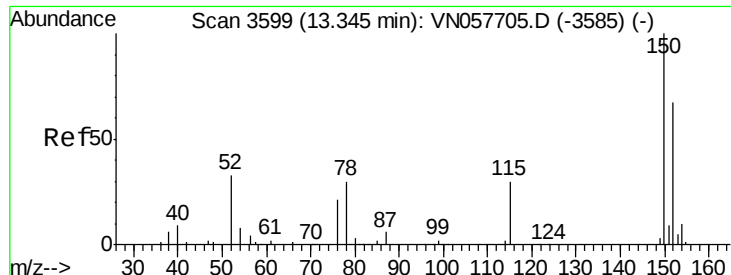


Abundance Ion 116.90 (116.60 to 117.60): VN057705.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN057705.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN057705.D (-2981) (-)

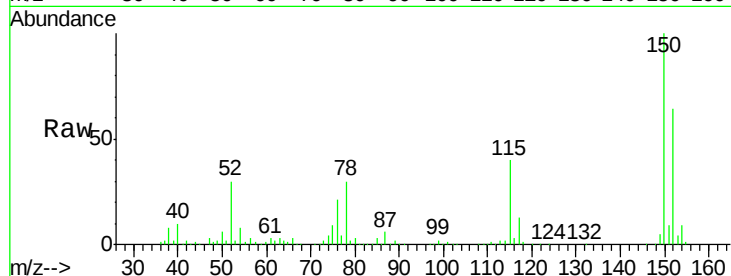




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3600
 Delta R.T. 0.00 min
 Lab File: VN057753.D
 Acq: 7 Sep 2019 15:07

Instrument :
 MSVOA_N
 ClientSampleId :
 T12-C3-(0)

Tot Ion	Ratio	Lower	Upper
152	100		
115	63.9	33.8	101.3
150	157.1	0.0	345.4



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

