

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090719\
 Data File : VN057784.D
 Acq On : 8 Sep 2019 3:35
 Operator : JC/SP
 Sample : K4601-34
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T12-F4-(0)

Quant Time: Sep 08 07:33:22 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

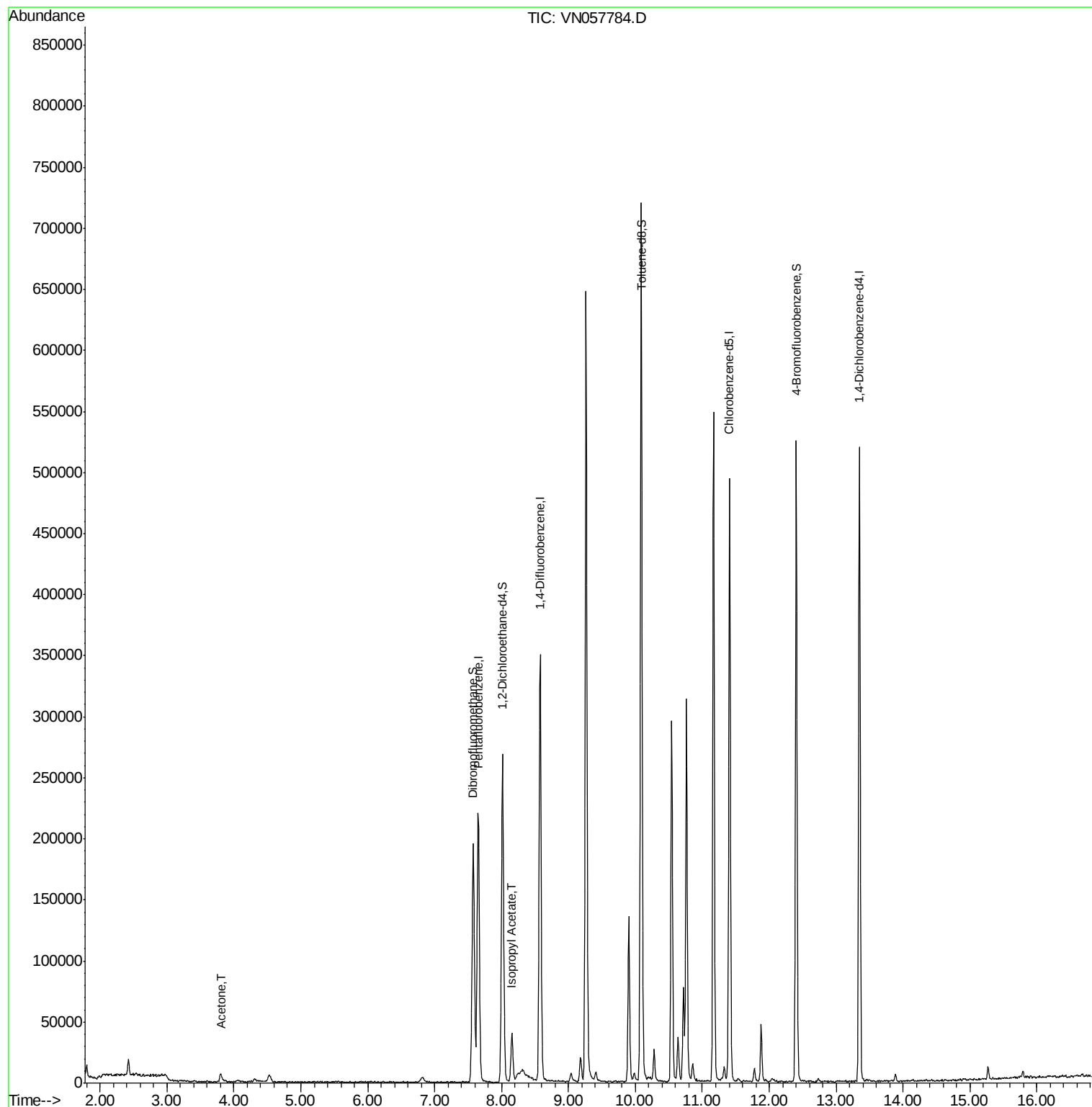
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	163422	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	279095	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	247495	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	120464	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	229946	57.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.68%	
35) Dibromofluoromethane	7.58	113	139989	55.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.14%	
50) Toluene-d8	10.09	98	456018	48.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.98%	
62) 4-Bromofluorobenzene	12.40	95	166305	42.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.16%	
Target Compounds						
16) Acetone	3.80	43	11052	9.034	ug/l	92
43) Isopropyl Acetate	8.16	43	47015	6.645	ug/l	98

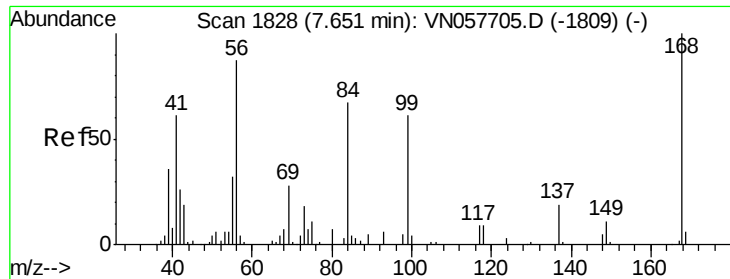
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057784.D

Acq: 8 Sep 2019 3:35

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MSVOA_N

ClientSampleId :

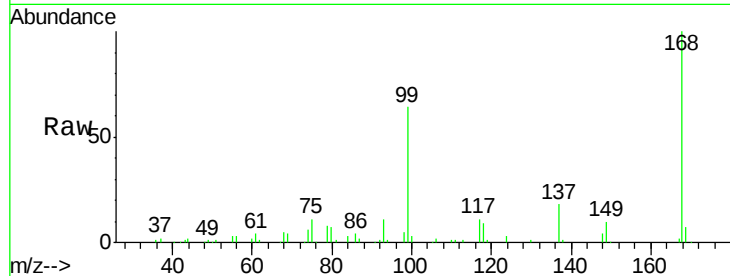
T12-F4-(0)

Tot Ion:168 Resp: 163422

Ion Ratio Lower Upper

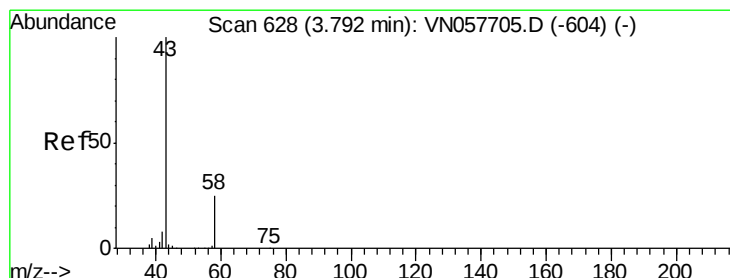
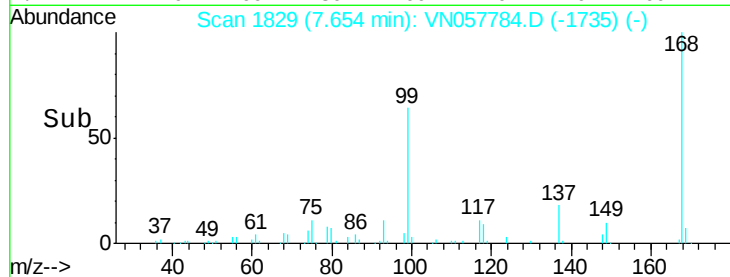
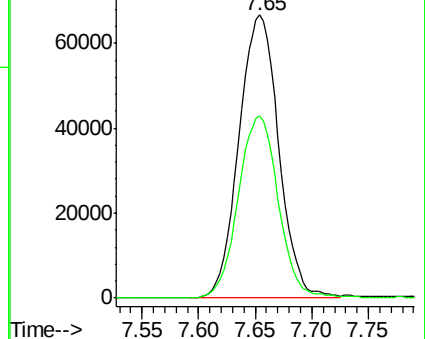
168 100

99 64.2 57.4 86.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 9.034 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN057784.D

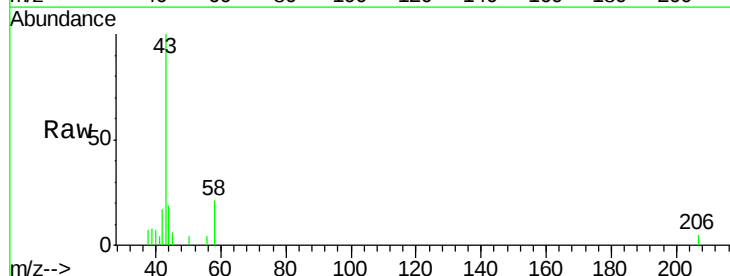
Acq: 8 Sep 2019 3:35

Tgt Ion: 43 Resp: 11052

Ion Ratio Lower Upper

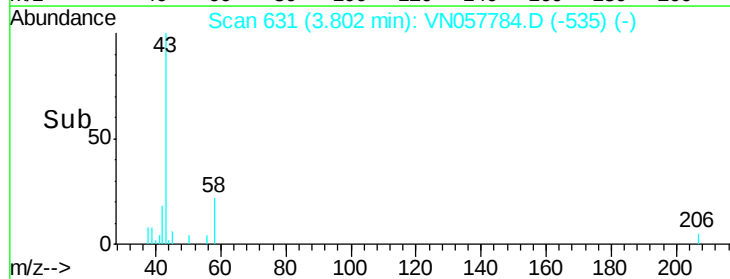
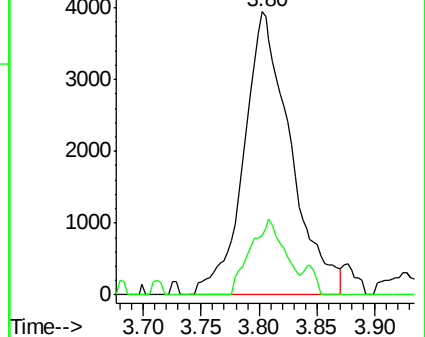
43 100

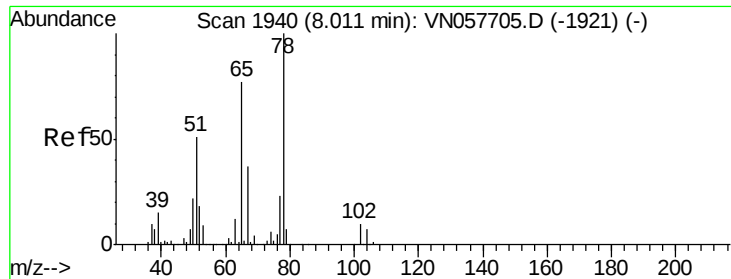
58 20.8 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

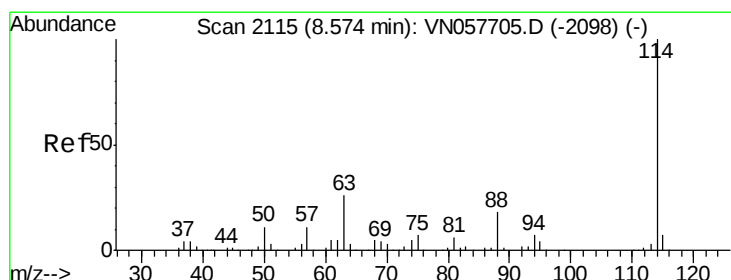
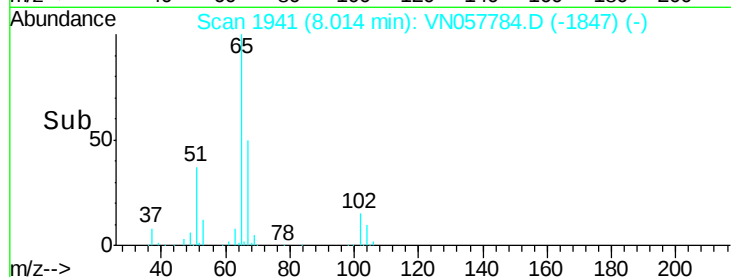
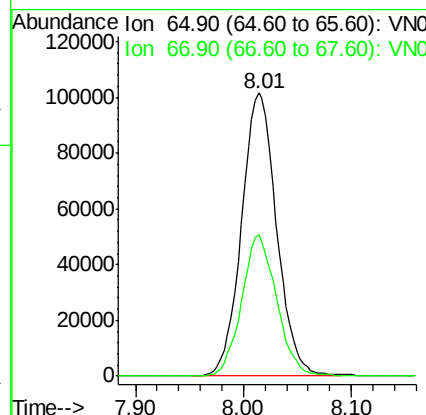
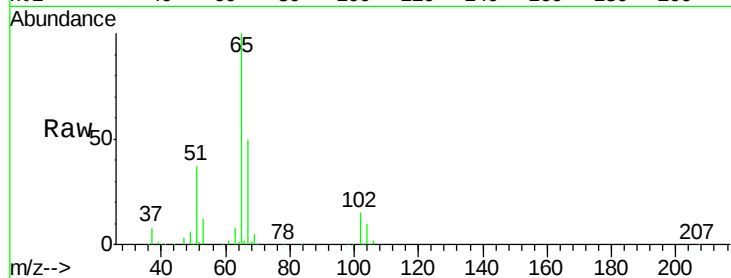




#33
 1,2-Dichloroethane-d4
 Concen: 57.840 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057784.D
 Acq: 8 Sep 2019 3:35

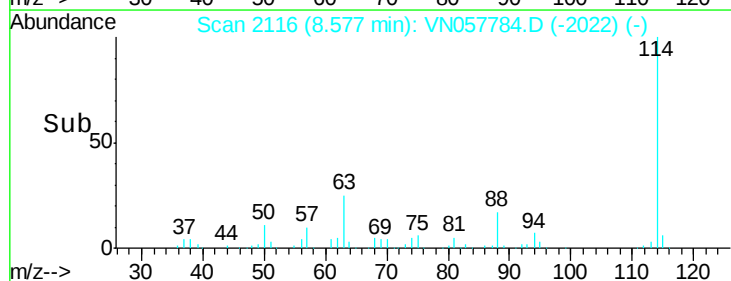
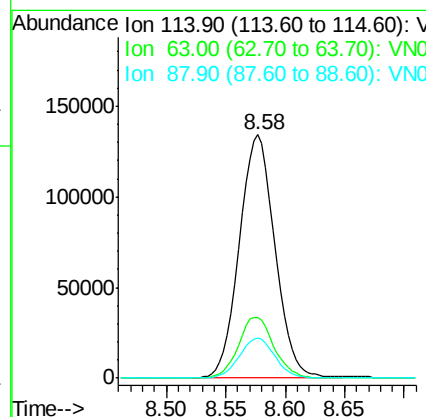
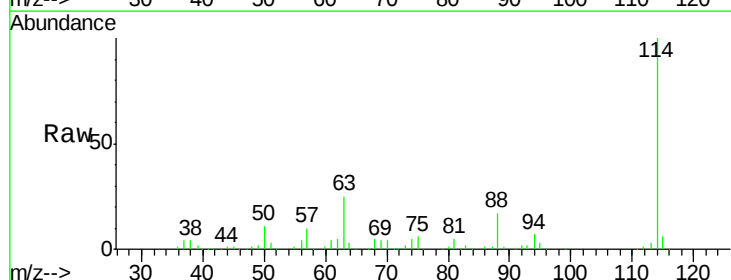
Instrument :
 MSVOA_N
 ClientSampleId :
 T12-F4-(0)

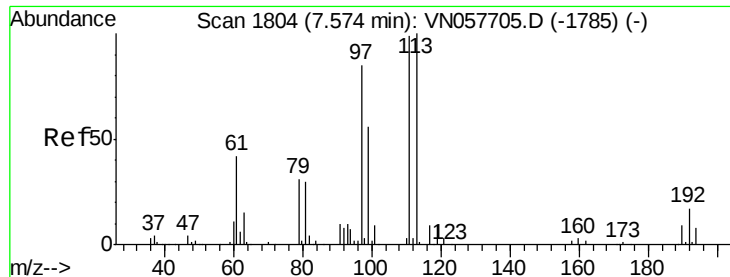
Tot Ion: 65 Resp: 229946
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 98.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057784.D
 Acq: 8 Sep 2019 3:35

Tgt Ion: 114 Resp: 279095
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 52.4
 88 16.6 0.0 35.4

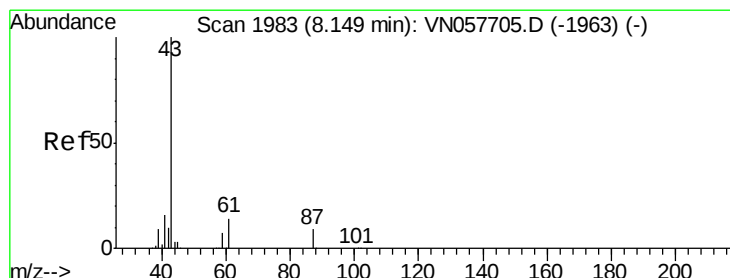
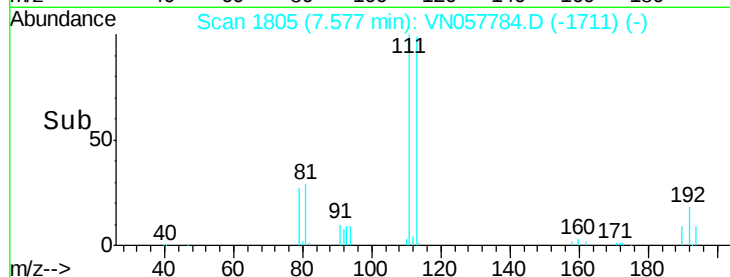
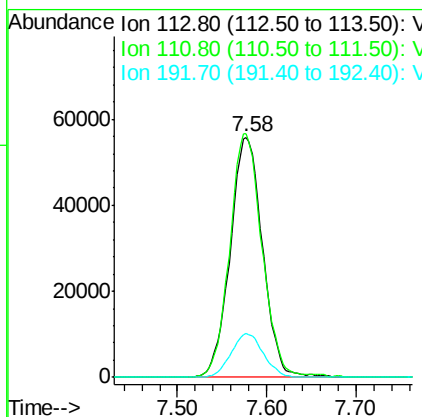
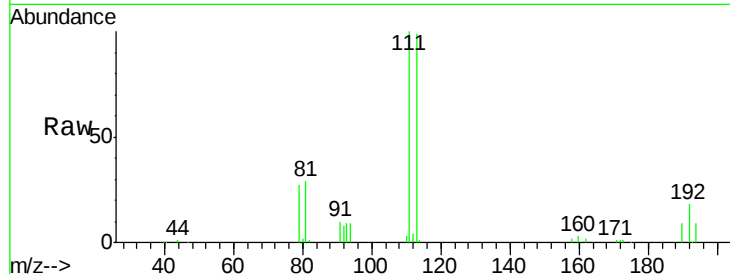




#35
 Dibromofluoromethane
 Concen: 55.068 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057784.D
 Acq: 8 Sep 2019 3:35

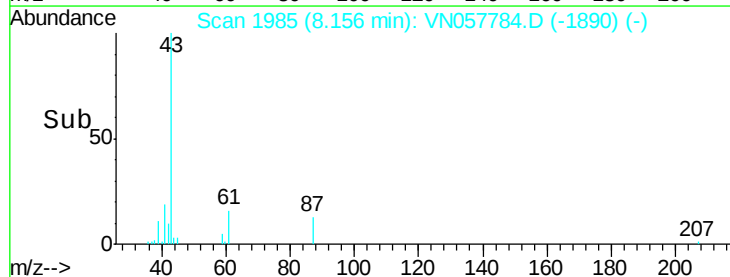
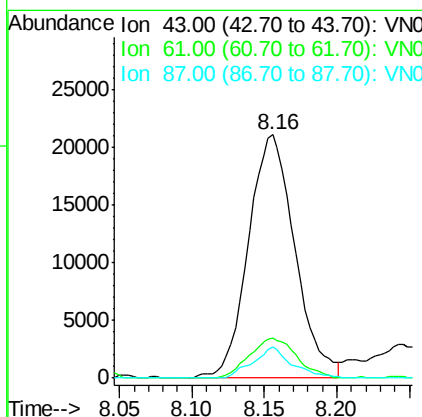
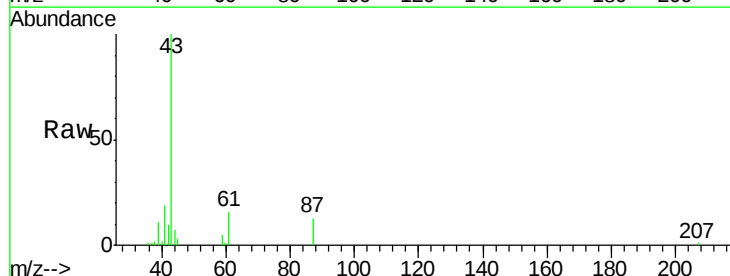
Instrument :
 MSVOA_N
 ClientSampleId :
 T12-F4-(0)

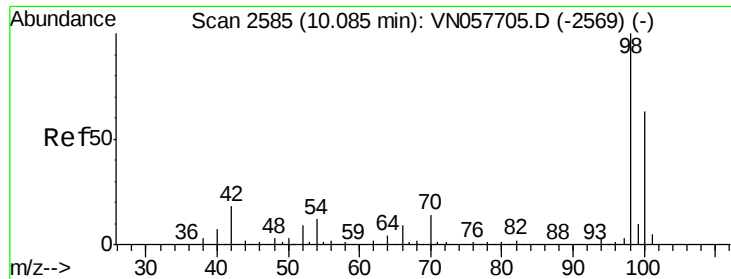
Tot Ion:113 Resp: 139989
 Ion Ratio Lower Upper
 113 100
 111 100.9 82.7 124.1
 192 18.1 13.8 20.6



#43
 Isopropyl Acetate
 Concen: 6.645 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. 0.01 min
 Lab File: VN057784.D
 Acq: 8 Sep 2019 3:35

Tgt Ion: 43 Resp: 47015
 Ion Ratio Lower Upper
 43 100
 61 16.6 12.8 19.2
 87 10.7 7.8 11.8





#50

Toluene-d8

Concen: 48.492 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057784.D

Acq: 8 Sep 2019 3:35

Instrument :

MSVOA_N

ClientSampled :

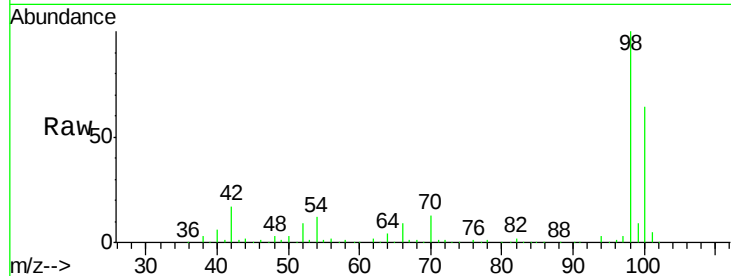
T12-F4-(0)

Tot Ion: 98 Resp: 456018

Ion Ratio Lower Upper

98 100

100 64.2 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) (-)

10.09

250000

200000

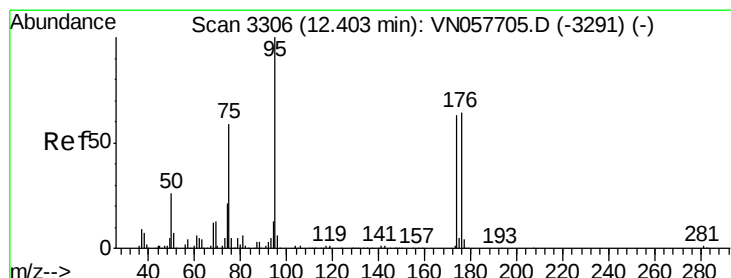
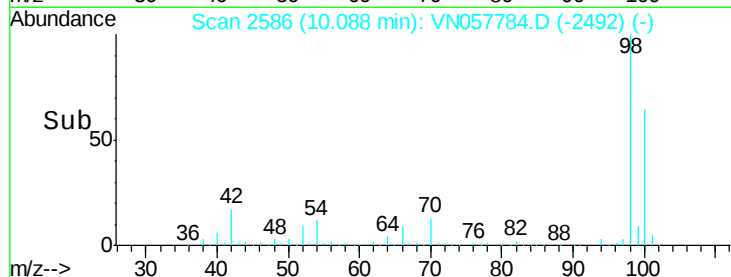
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 42.577 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057784.D

Acq: 8 Sep 2019 3:35

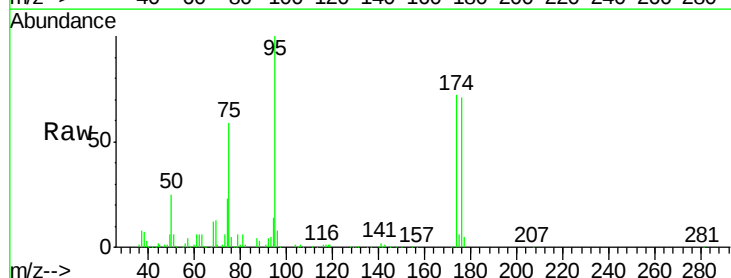
Tgt Ion: 95 Resp: 166305

Ion Ratio Lower Upper

95 100

174 73.6 0.0 128.0

176 71.0 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) (-)

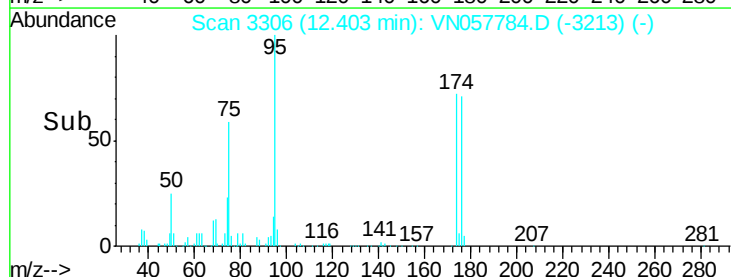
12.40

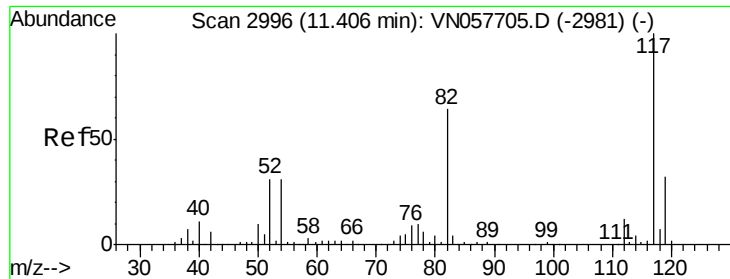
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057784.D

Acq: 8 Sep 2019 3:35

Instrument :

MSVOA_N

ClientSampleId :

T12-F4-(0)

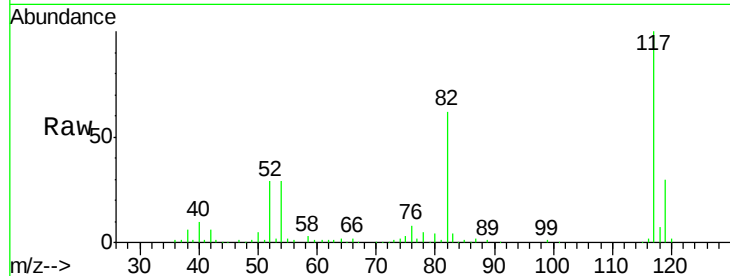
Tot Ion:117 Resp: 247495

Ion Ratio Lower Upper

117 100

82 61.8 51.4 77.0

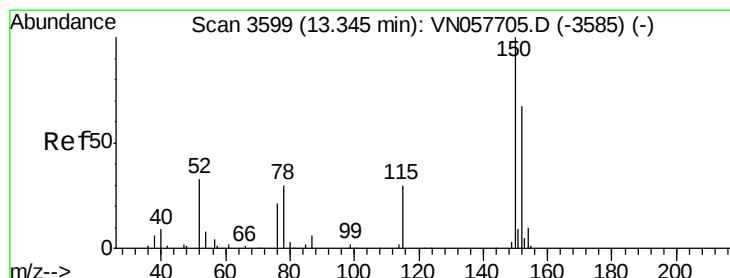
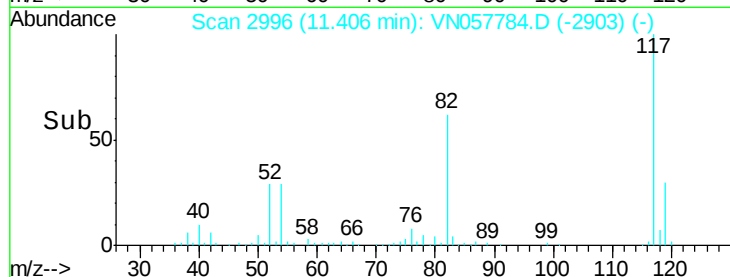
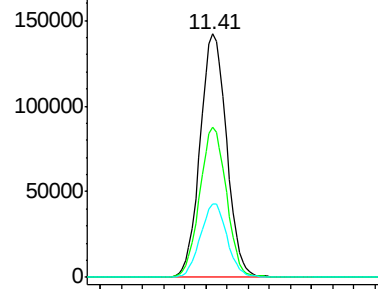
119 30.3 25.4 38.2



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# 3600

Delta R.T. 0.00 min

Lab File: VN057784.D

Acq: 8 Sep 2019 3:35

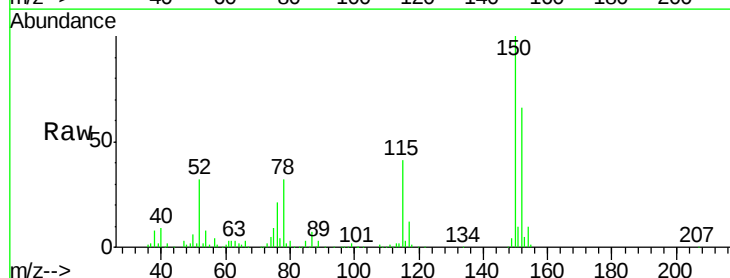
Tgt Ion:152 Resp: 120464

Ion Ratio Lower Upper

152 100

115 63.1 33.8 101.3

150 155.4 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

