

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090619\
 Data File : VN057711.D
 Acq On : 6 Sep 2019 14:56
 Operator : JC/SP
 Sample : VN0906WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBL01

Quant Time: Sep 06 23:33:39 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	225639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	371475	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	331366	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	169887	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	290128	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
35) Dibromofluoromethane	7.57	113	175354	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
50) Toluene-d8	10.08	98	657213	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	
62) 4-Bromofluorobenzene	12.40	95	246510	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	

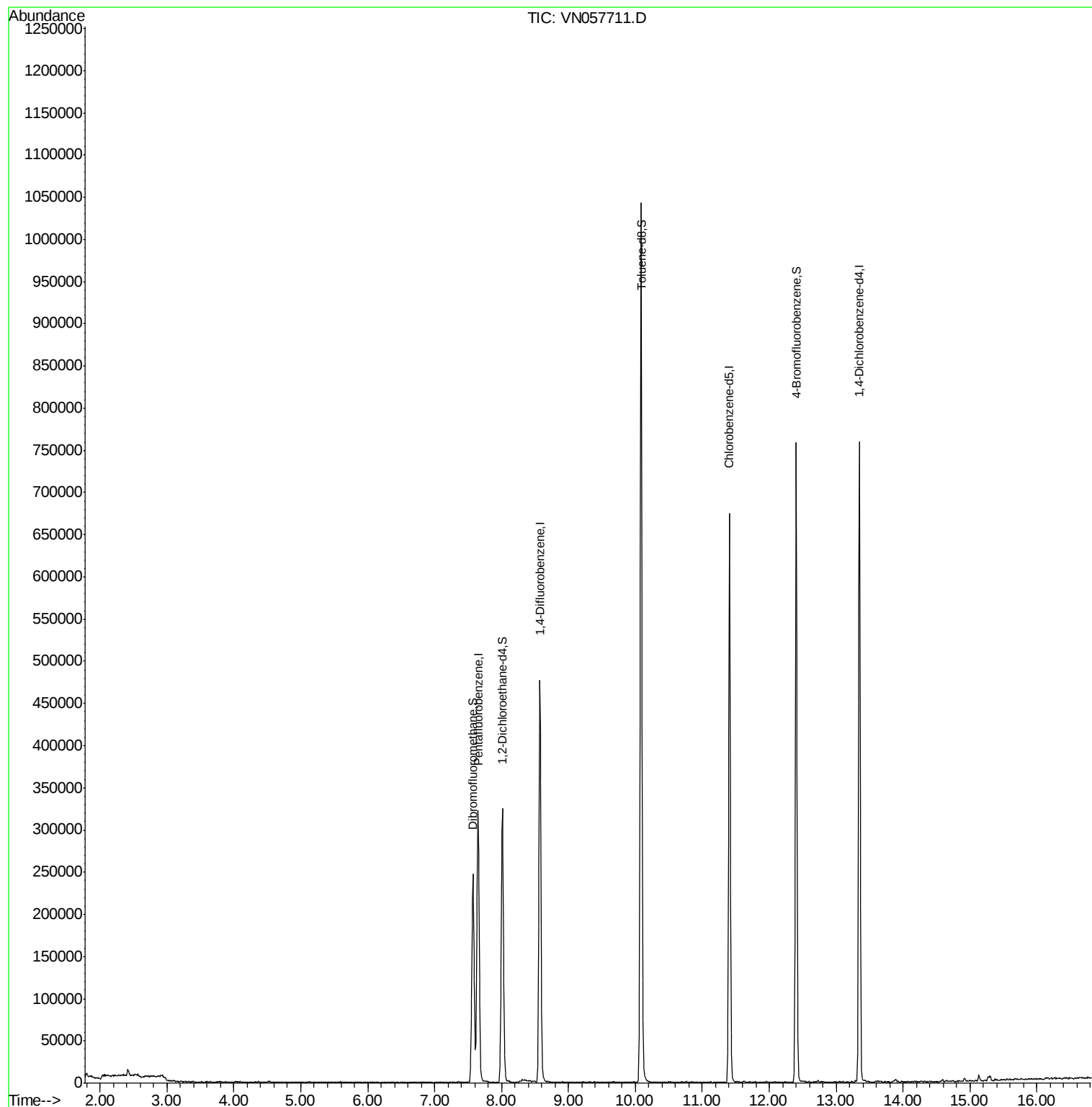
Target Compounds	Qvalue

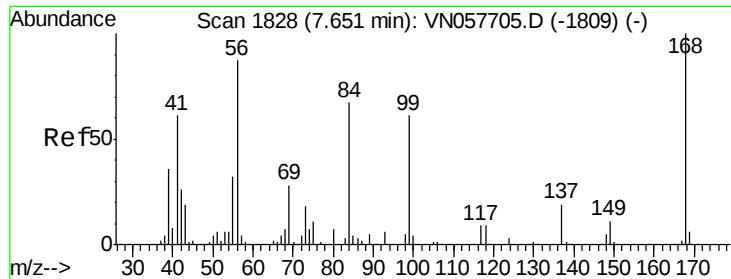
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN057711.D

Acq: 6 Sep 2019 14:56

Instrument :

MSVOA_N

ClientSampled :

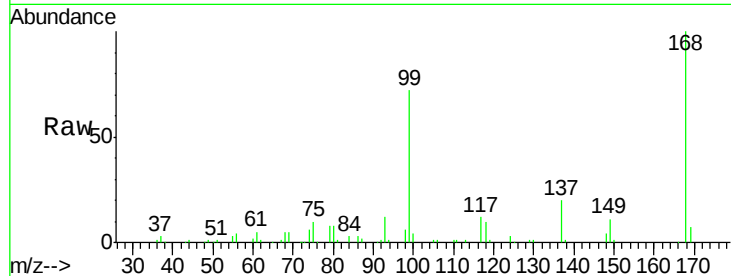
VN0906WBL01

Tot Ion:168 Resp: 225639

Ion Ratio Lower Upper

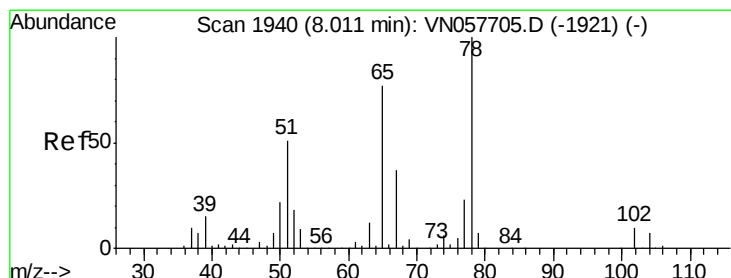
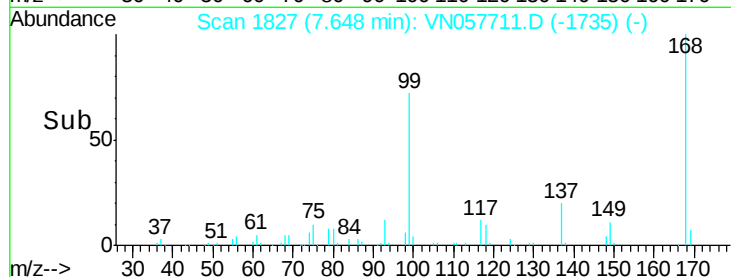
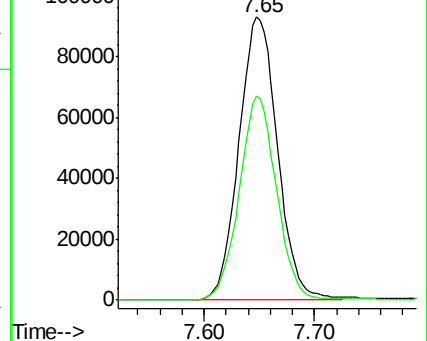
168 100

99 72.2 57.4 86.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#33

1,2-Dichloroethane-d4

Concen: 52.855 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN057711.D

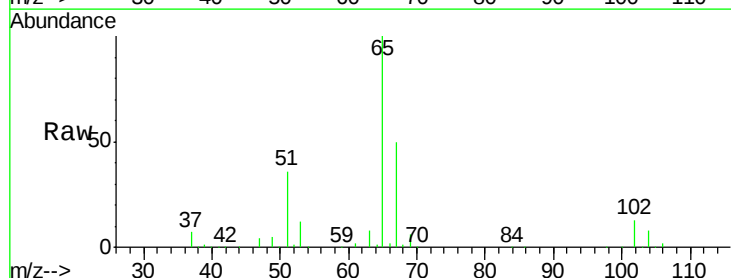
Acq: 6 Sep 2019 14:56

Tgt Ion: 65 Resp: 290128

Ion Ratio Lower Upper

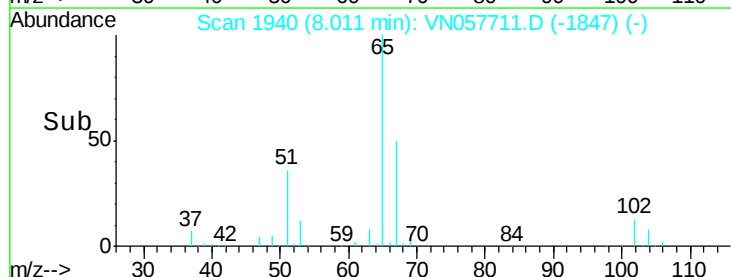
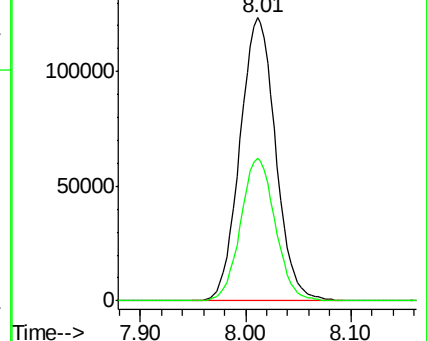
65 100

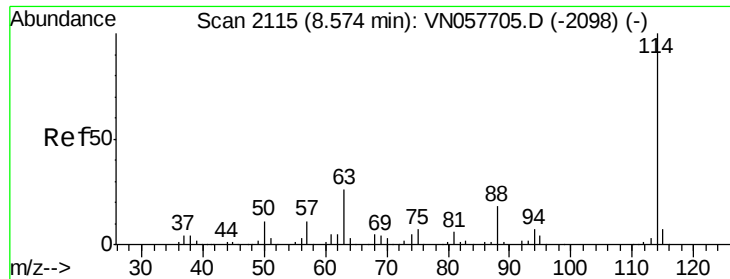
67 48.9 0.0 98.2



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

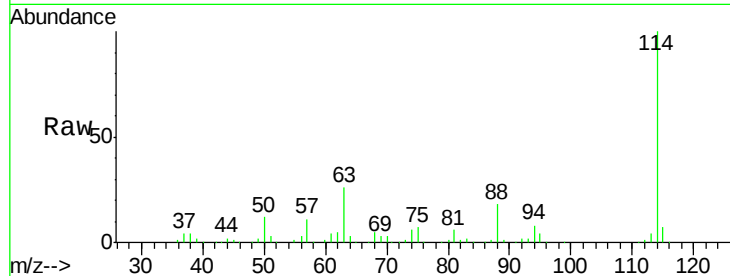




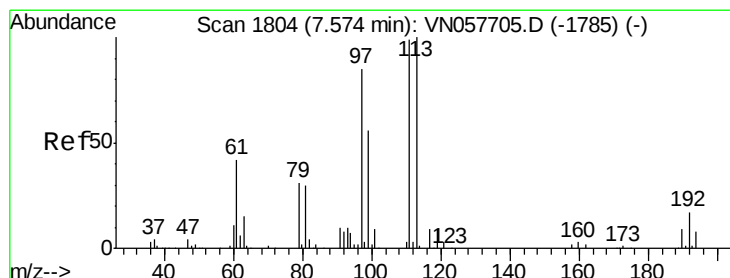
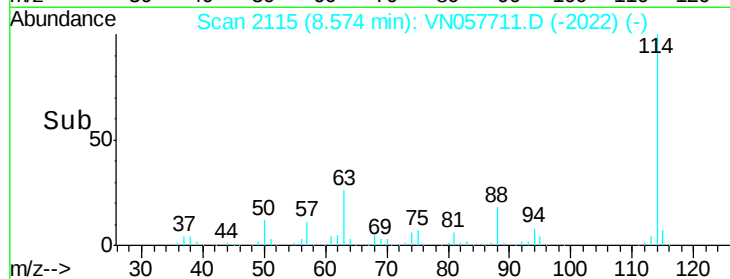
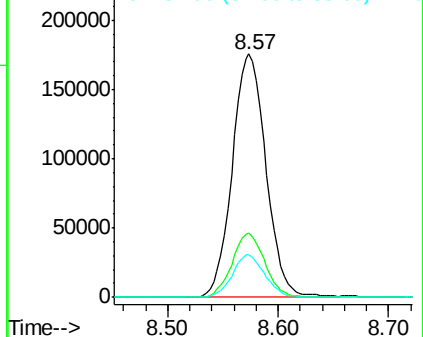
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN057711.D
 Acq: 6 Sep 2019 14:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBL01

Tot Ion:114 Resp: 371475
 Ion Ratio Lower Upper
 114 100
 63 26.5 0.0 52.4
 88 17.6 0.0 35.4

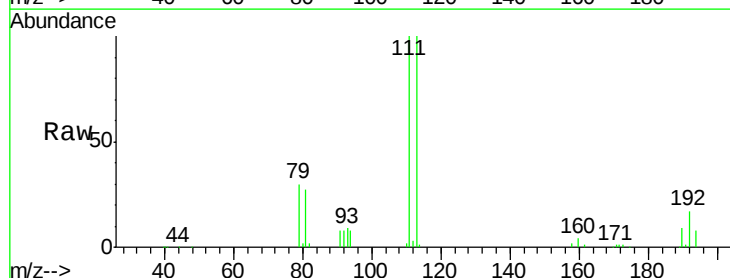


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

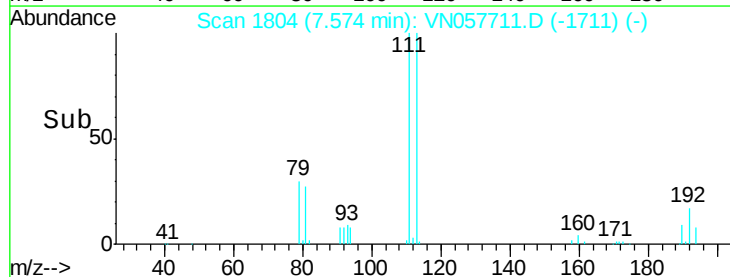
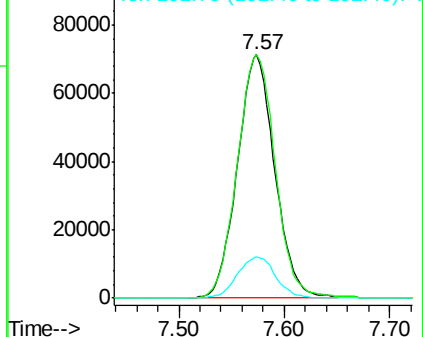


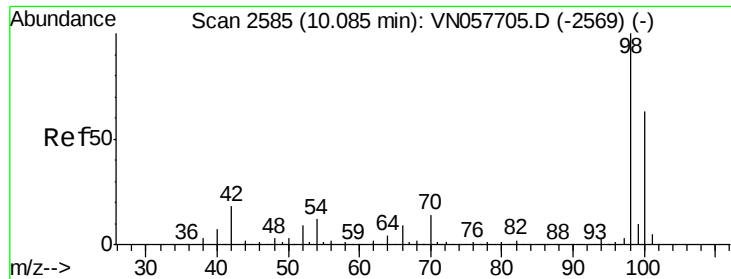
#35
 Dibromofluoromethane
 Concen: 51.825 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN057711.D
 Acq: 6 Sep 2019 14:56

Tgt Ion:113 Resp: 175354
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.7 124.1
 192 17.3 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





#50

Toluene-d8

Concen: 52.507 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057711.D

Acq: 6 Sep 2019 14:56

Instrument :

MSVOA_N

ClientSampled :

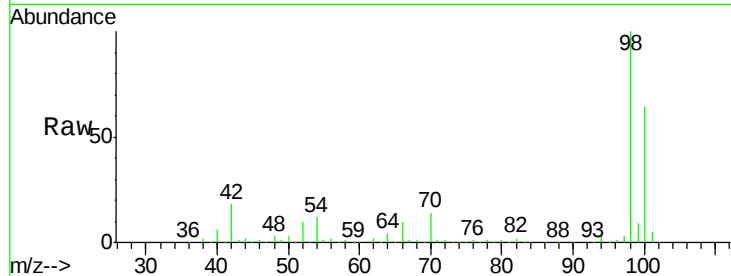
VN0906WBL01

Tot Ion: 98 Resp: 657213

Ion Ratio Lower Upper

98 100

100 64.3 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN057711.D (-2492) (-)

Ion 100.00 (99.70 to 100.70): VN057711.D (-2492) (-)

10.08

400000

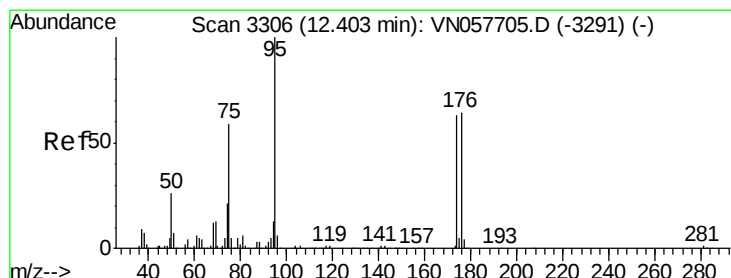
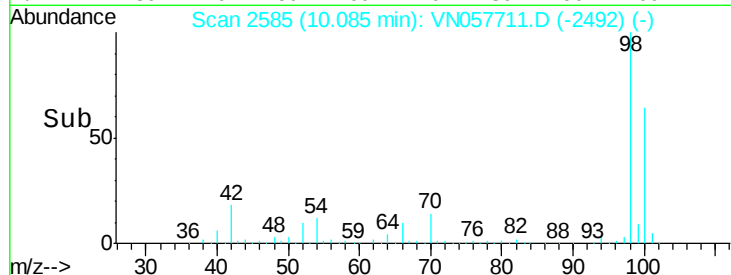
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.416 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057711.D

Acq: 6 Sep 2019 14:56

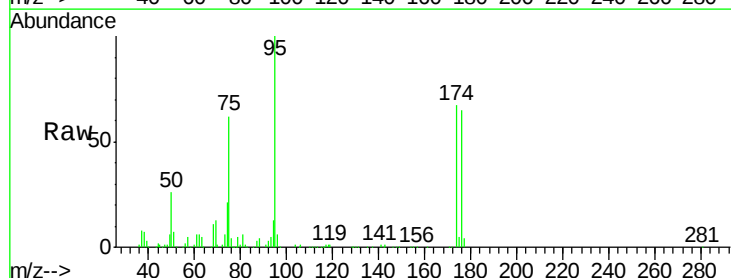
Tgt Ion: 95 Resp: 246510

Ion Ratio Lower Upper

95 100

174 67.6 0.0 128.0

176 65.6 0.0 128.0



Abundance Ion 94.90 (94.60 to 95.60): VN057711.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN057711.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN057711.D (-3213) (-)

12.40

200000

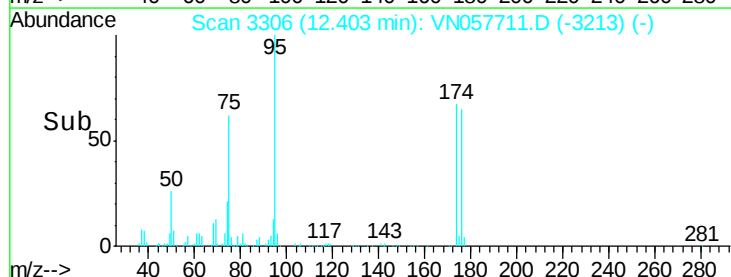
150000

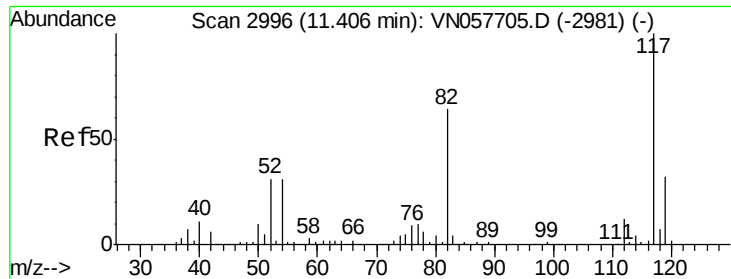
100000

50000

0

Time-->

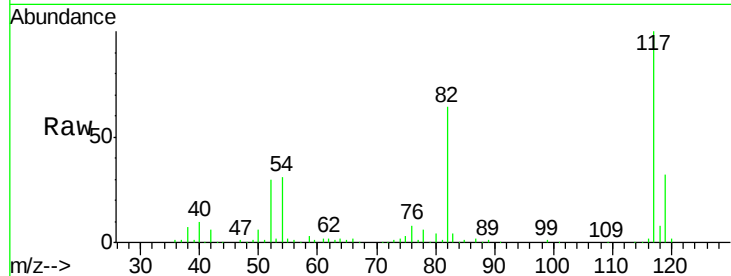




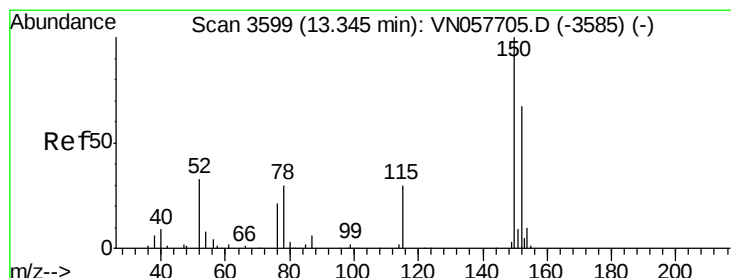
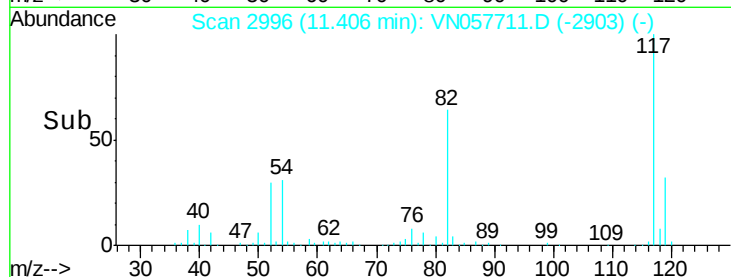
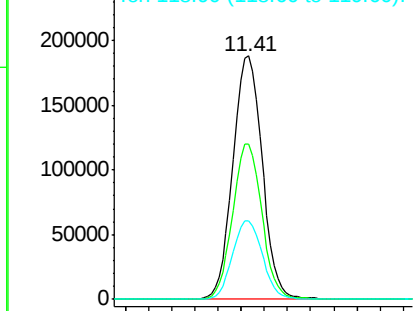
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057711.D
Acq: 6 Sep 2019 14:56

Instrument :
MSVOA_N
ClientSampleId :
VN0906WBL01

Tot Ion:117 Resp: 331366
Ion Ratio Lower Upper
117 100
82 63.6 51.4 77.0
119 32.3 25.4 38.2

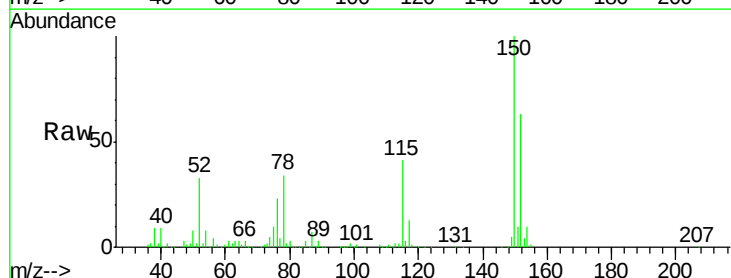


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057711.D
Acq: 6 Sep 2019 14:56

Tgt Ion:152 Resp: 169887
Ion Ratio Lower Upper
152 100
115 64.8 33.8 101.3
150 159.7 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

