

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083119\
 Data File : VN057606.D
 Acq On : 30 Aug 2019 23:00
 Operator : JC/SP
 Sample : K4517-32
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T4-S-C-(2.5)

Quant Time: Aug 31 01:37:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 11:59:03 2019
 Response via : Initial Calibration

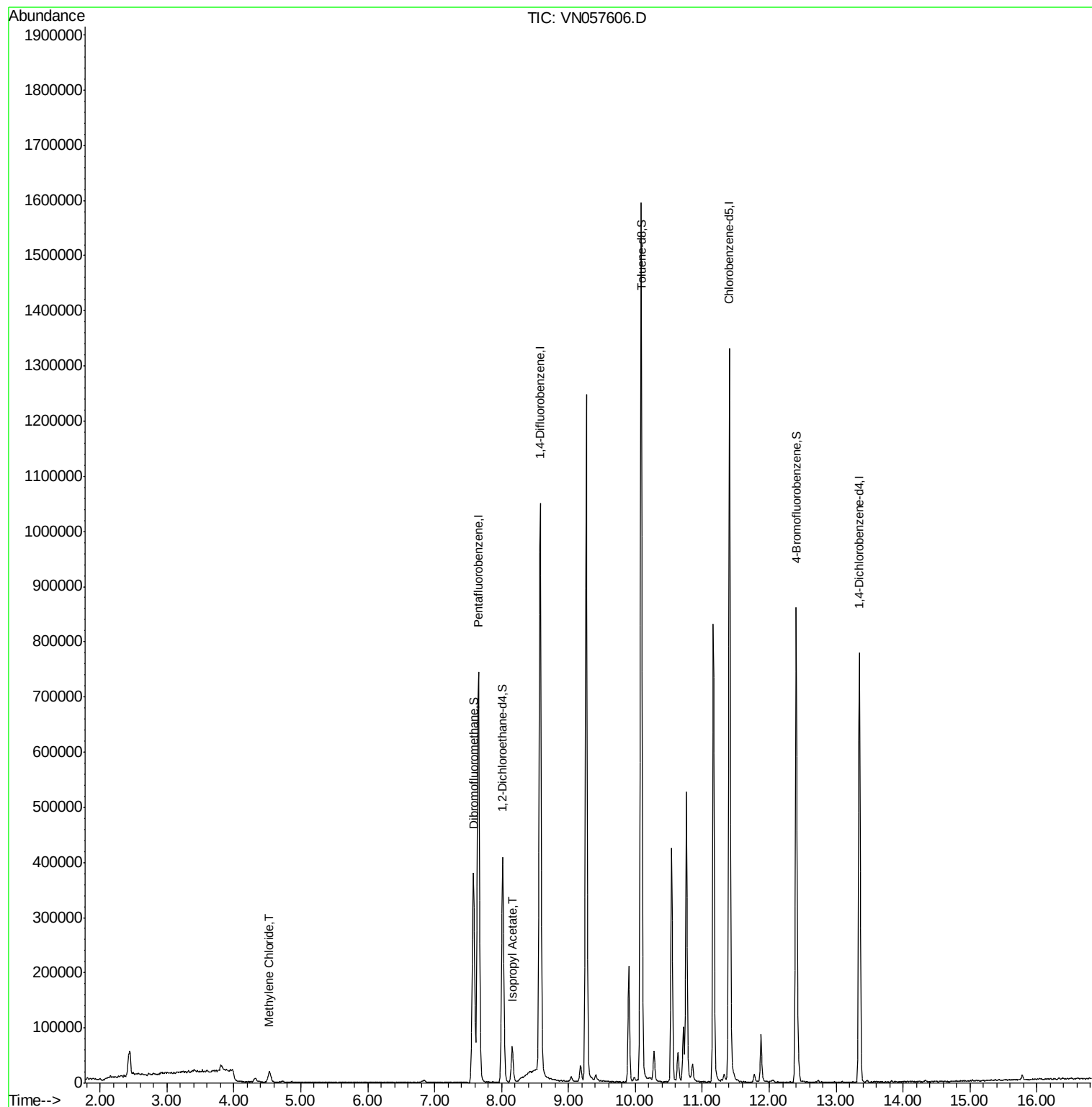
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	608587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	947068	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	795682	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	221700	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	361520	36.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.58%	
35) Dibromofluoromethane	7.58	113	283085	33.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.88%	
50) Toluene-d8	10.09	98	1135396	37.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.84%	
62) 4-Bromofluorobenzene	12.40	95	308770	30.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.44%	
Target Compounds						
20) Methylene Chloride	4.53	84	13718	1.839	ug/l #	85
43) Isopropyl Acetate	8.16	43	74036	5.843	ug/l #	94

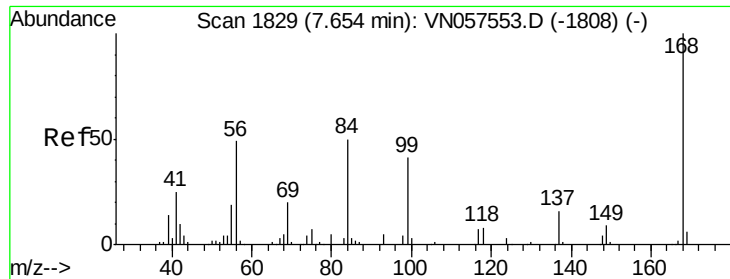
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 30 11:59:03 2019
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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: VN057606.D

Acq: 30 Aug 2019 23:00

Instrument :

MSVOA_N

ClientSampled :

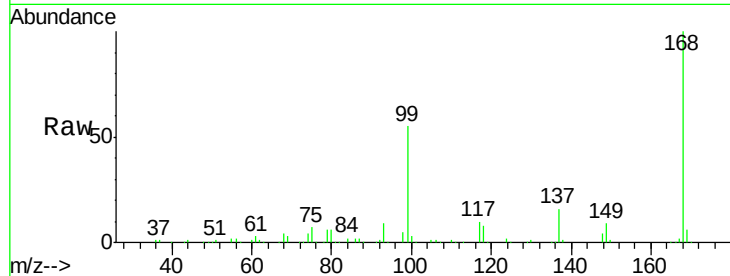
T4-S-C(2.5)

Tot Ion:168 Resp: 608587

Ion Ratio Lower Upper

168 100

99 54.6 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

250000

200000

150000

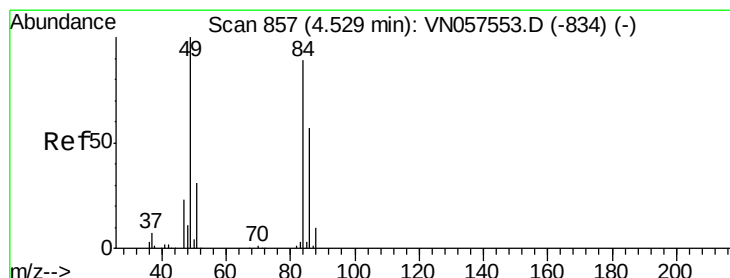
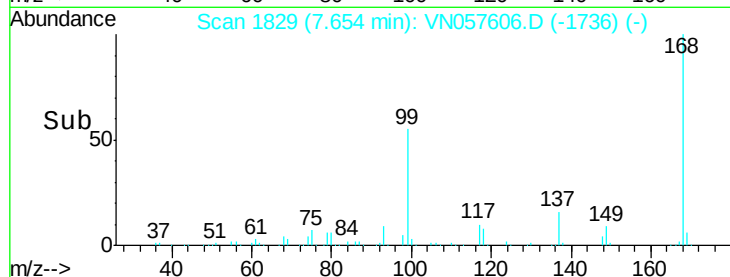
100000

50000

0

Time-->

7.60 7.70 7.80



#20

Methylene Chloride

Concen: 1.839 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.00 min

Lab File: VN057606.D

Acq: 30 Aug 2019 23:00

Tgt Ion: 84 Resp: 13718

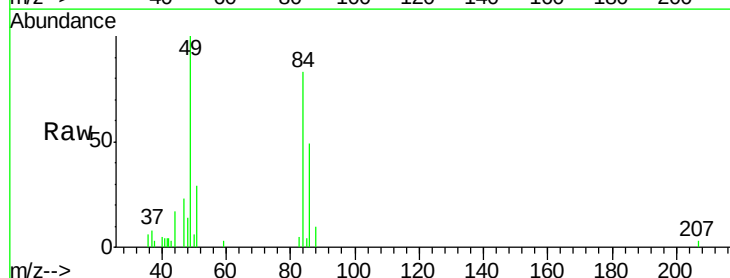
Ion Ratio Lower Upper

84 100

49 120.1 117.0 175.4

51 35.4 35.5 53.3#

86 59.4 49.8 74.8



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

4.53

8000

6000

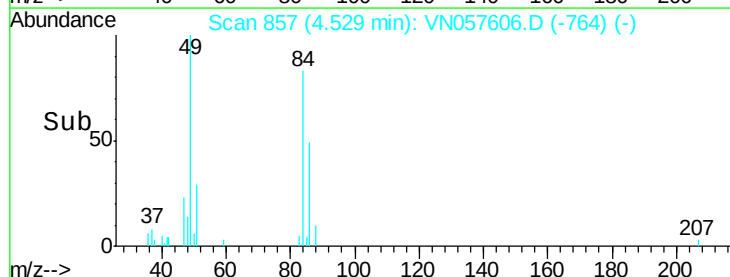
4000

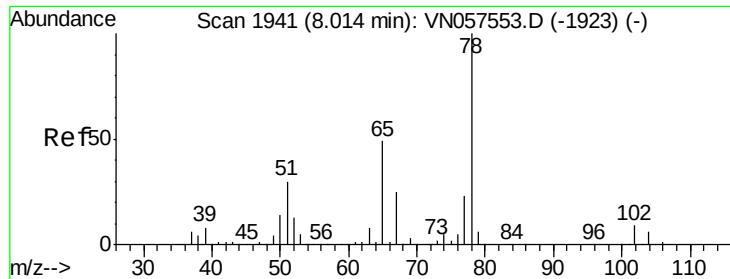
2000

0

Time-->

4.45 4.50 4.55 4.60

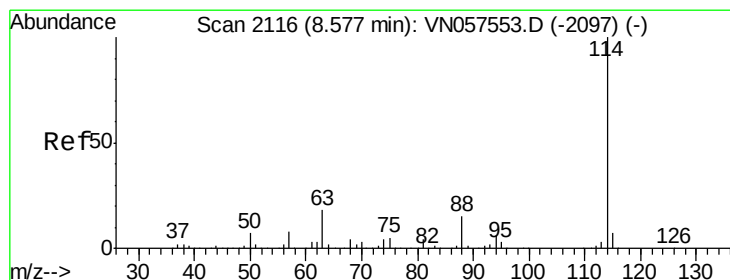
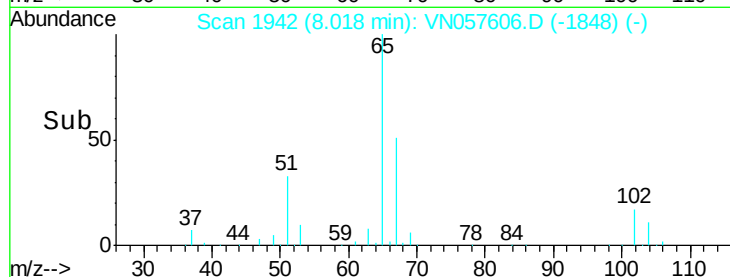
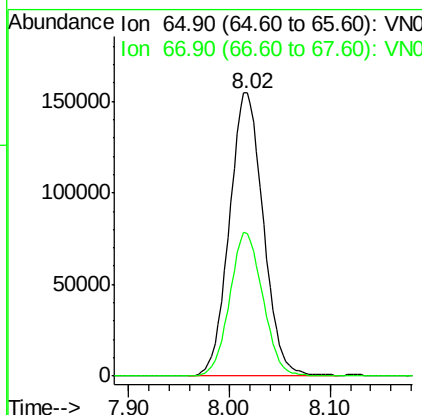
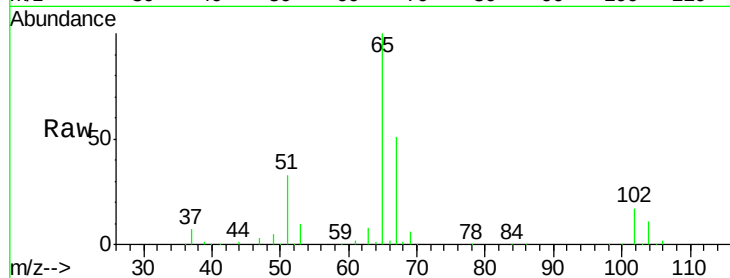




#33
 1,2-Dichloroethane-d4
 Concen: 36.293 ug/l
 RT: 8.02 min Scan# 1942
 Delta R.T. 0.00 min
 Lab File: VN057606.D
 Acq: 30 Aug 2019 23:00

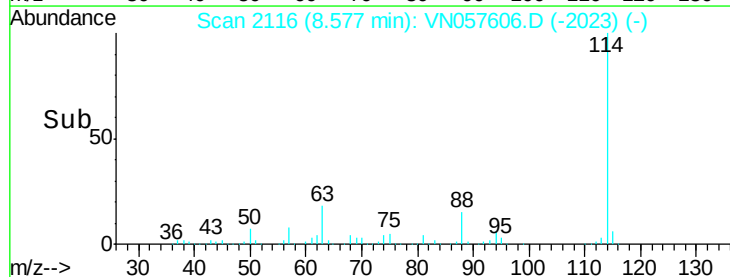
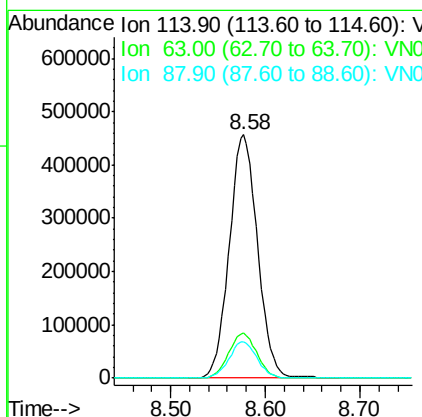
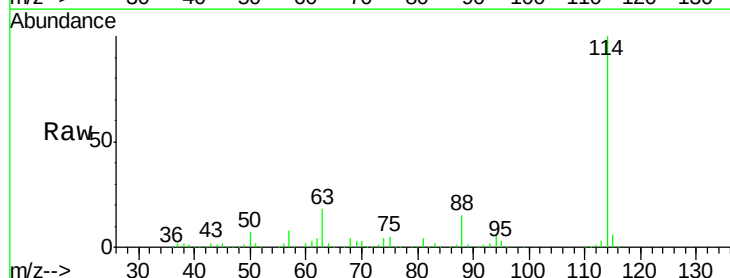
Instrument :
 MSVOA_N
 ClientSampleId :
 T4-S-C-(2.5)

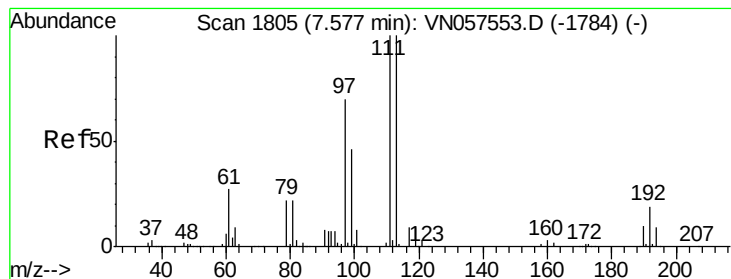
Tot Ion: 65 Resp: 361520
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057606.D
 Acq: 30 Aug 2019 23:00

Tgt Ion: 114 Resp: 947068
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 50.2
 88 15.1 0.0 34.6





#35

Dibromofluoromethane

Concen: 33.442 ug/l

RT: 7.58 min Scan# 1806

Delta R.T. 0.00 min

Lab File: VN057606.D

Acq: 30 Aug 2019 23:00

Instrument :

MSVOA_N

ClientSampled :

T4-S-C-(2.5)

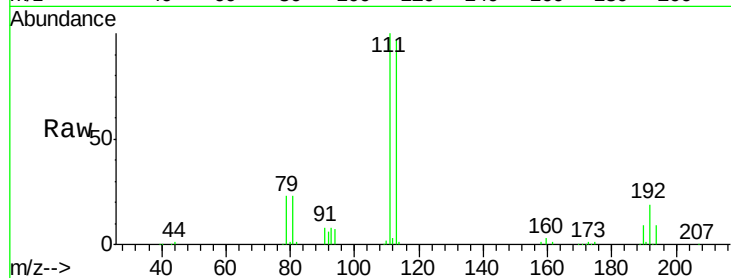
Tot Ion:113 Resp: 283085

Ion Ratio Lower Upper

113 100

111 102.7 83.8 125.6

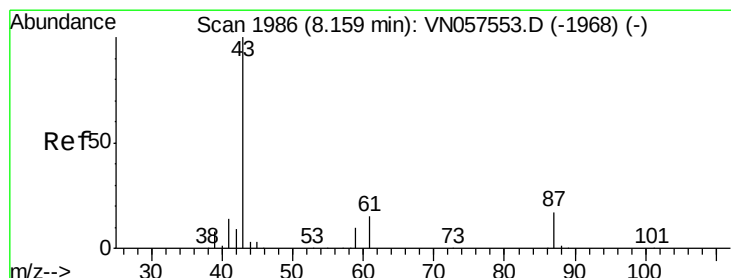
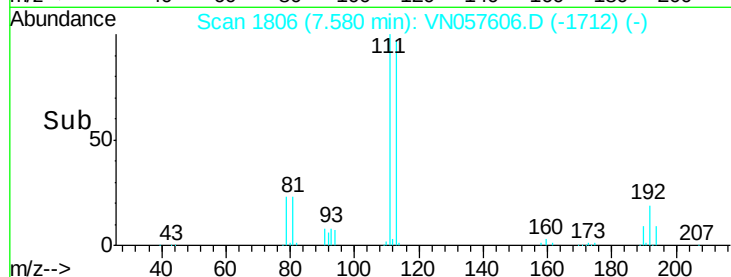
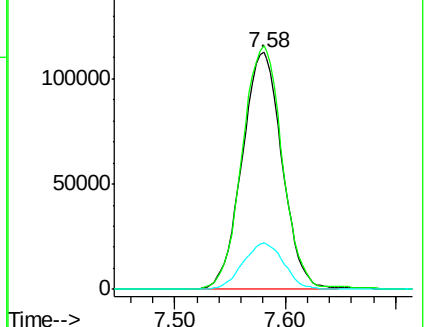
192 20.1 13.5 20.3



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



#43

Isopropyl Acetate

Concen: 5.843 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN057606.D

Acq: 30 Aug 2019 23:00

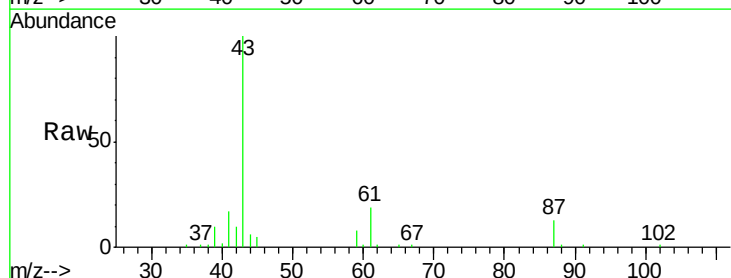
Tgt Ion: 43 Resp: 74036

Ion Ratio Lower Upper

43 100

61 19.4 14.5 21.7

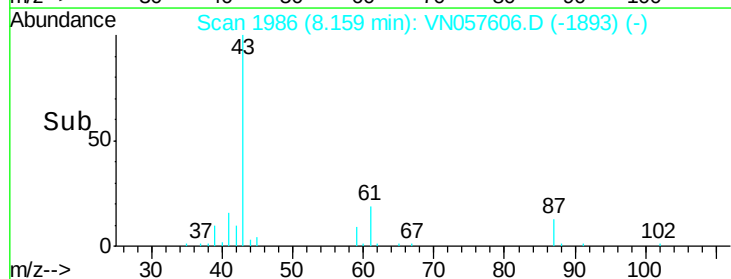
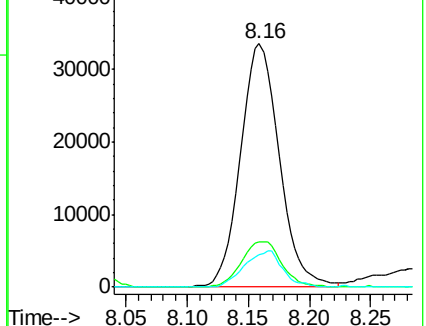
87 14.6 8.6 12.8#

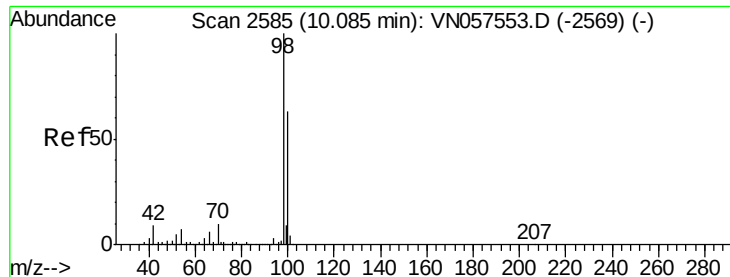


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 37.920 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057606.D

Acq: 30 Aug 2019 23:00

Instrument :

MSVOA_N

ClientSampleId :

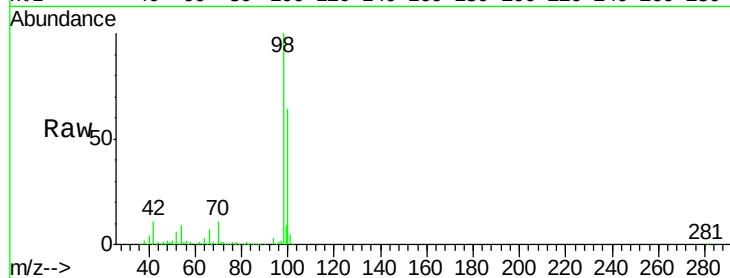
T4-S-C-(2.5)

Tot Ion: 98 Resp: 1135396

Ion Ratio Lower Upper

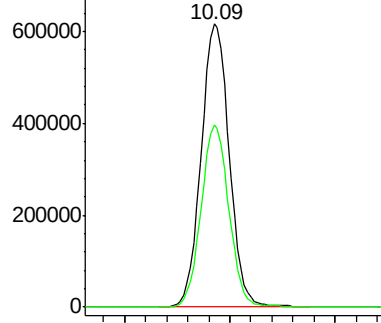
98 100

100 63.7 50.4 75.6

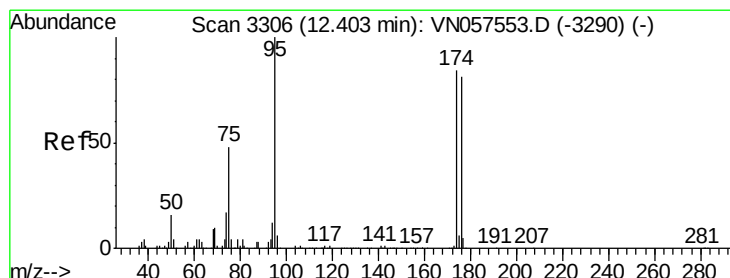
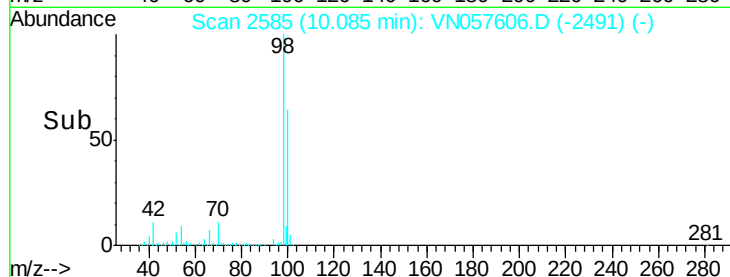


Abundance Ion 98.00 (97.70 to 98.70): VN057553.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN057553.D (-2569) (-)



Time-->



#62

4-Bromofluorobenzene

Concen: 30.721 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057606.D

Acq: 30 Aug 2019 23:00

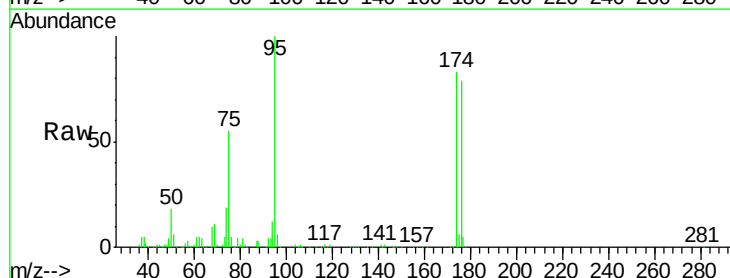
Tgt Ion: 95 Resp: 308770

Ion Ratio Lower Upper

95 100

174 83.7 0.0 133.0

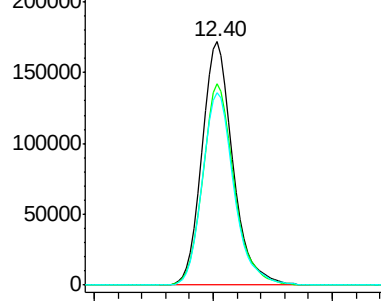
176 81.0 0.0 130.8



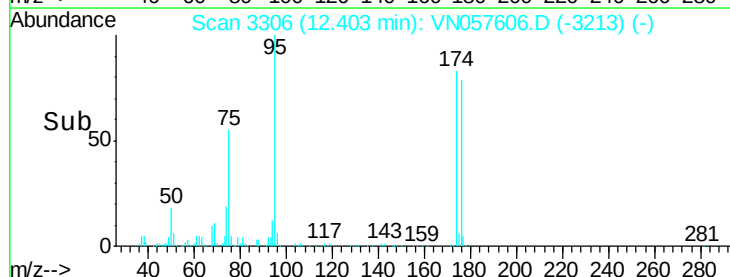
Abundance Ion 94.90 (94.60 to 95.60): VN057553.D (-3290) (-)

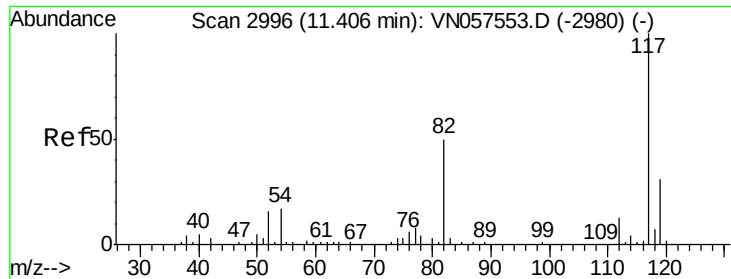
Ion 173.80 (173.50 to 174.50): VN057553.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN057553.D (-3290) (-)



Time-->

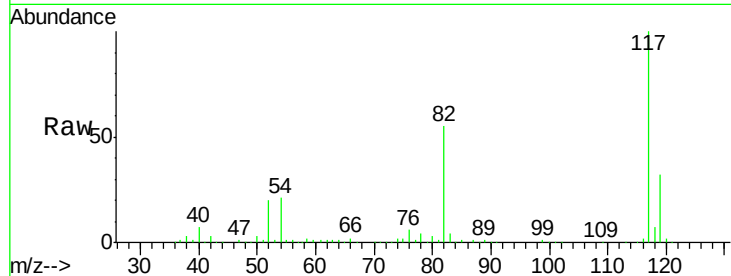




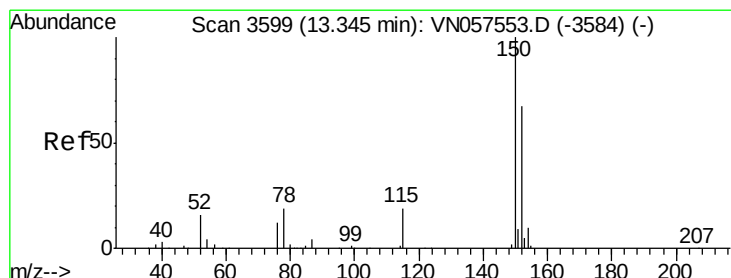
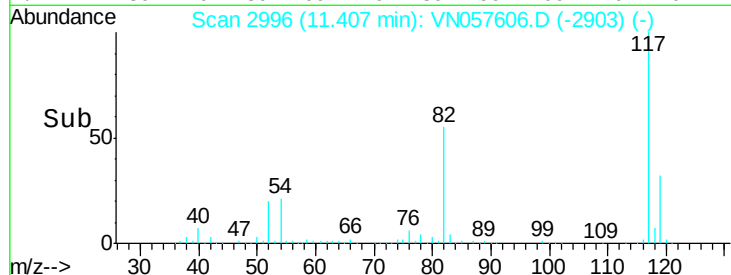
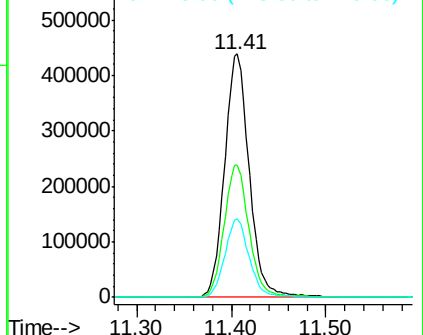
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057606.D
Acq: 30 Aug 2019 23:00

Instrument :
MSVOA_N
ClientSampled :
T4-S-C-(2.5)

Tot Ion:117 Resp: 795682
Ion Ratio Lower Upper
117 100
82 54.5 50.6 75.8
119 32.3 24.6 36.8

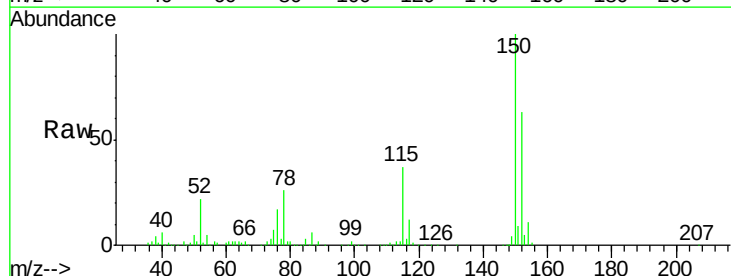


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057606.D
Acq: 30 Aug 2019 23:00

Tgt Ion:152 Resp: 221700
Ion Ratio Lower Upper
152 100
115 61.0 32.0 96.0
150 158.0 0.0 346.6



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

