

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083119\
 Data File : VN057596.D
 Acq On : 30 Aug 2019 18:47
 Operator : JC/SP
 Sample : K4517-19
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S-A1-(0)

Quant Time: Aug 31 01:12:47 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

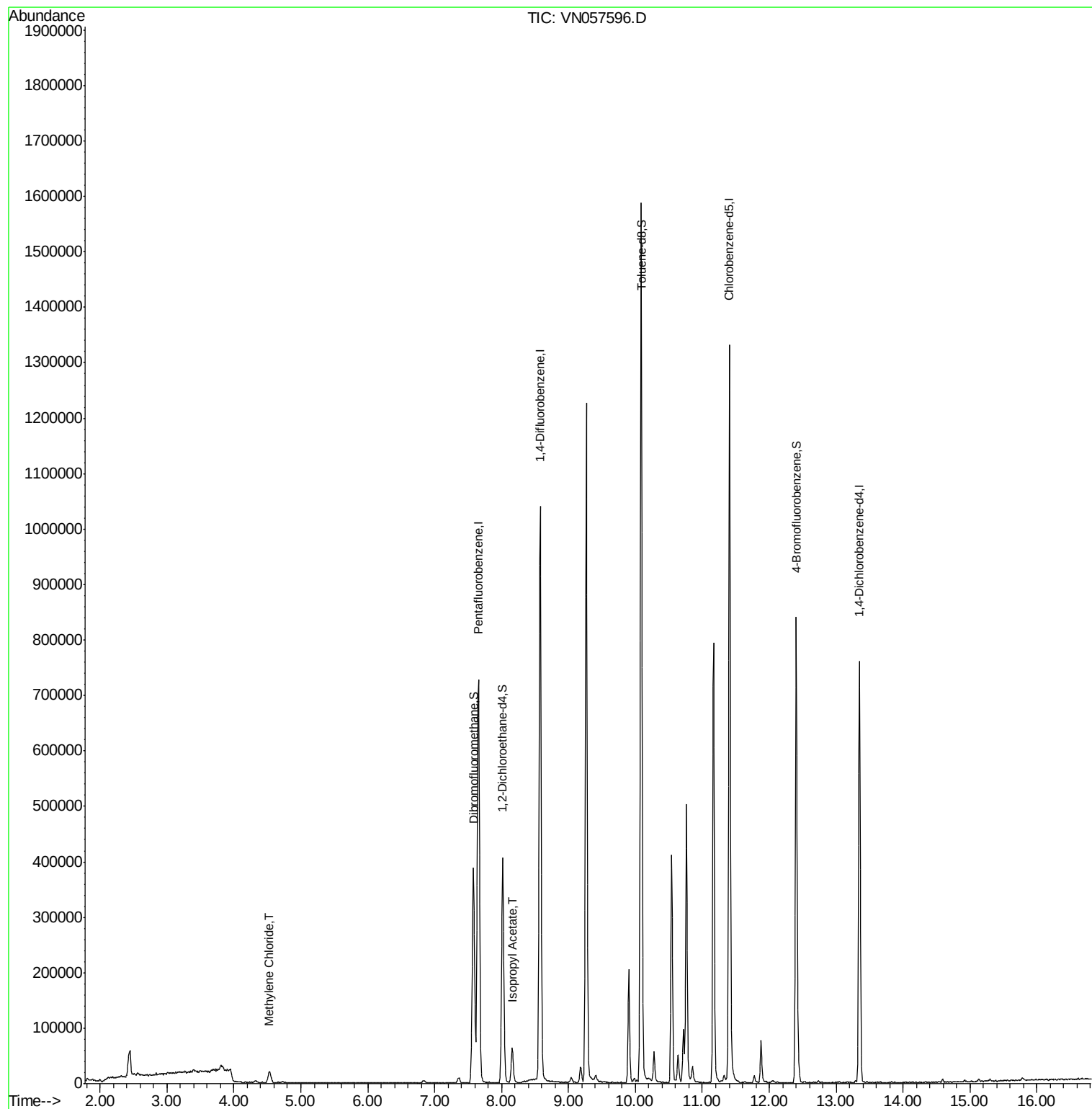
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	598449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	935955	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	795428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	213584	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	353739	36.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.22%	
35) Dibromofluoromethane	7.58	113	281843	33.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.38%	
50) Toluene-d8	10.08	98	1125439	38.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.06%	
62) 4-Bromofluorobenzene	12.40	95	297868	29.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	59.98%	
Target Compounds						
20) Methylene Chloride	4.53	84	15139	2.064	ug/l #	80
43) Isopropyl Acetate	8.16	43	75743	6.049	ug/l #	95

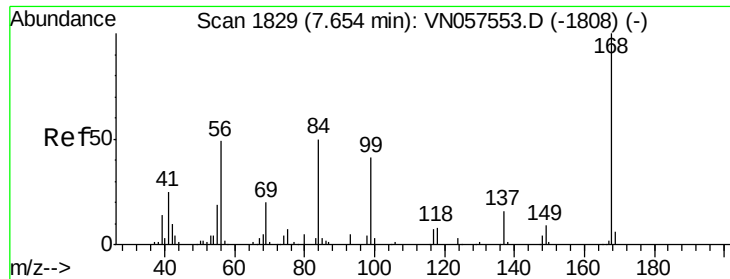
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN083119\
Data File : VN057596.D
Acq On : 30 Aug 2019 18:47
Operator : JC/SP
Sample : K4517-19
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
T2-S-A1-(0)

Quant Time: Aug 31 01:12:47 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N082919W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 11:59:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN057596.D

Acq: 30 Aug 2019 18:47

Instrument :

MSVOA_N

ClientSampleId :

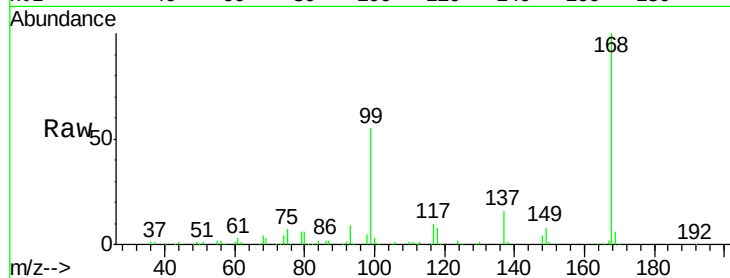
T2-S-A1-(0)

Tot Ion:168 Resp: 598449

Ion Ratio Lower Upper

168 100

99 55.2 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

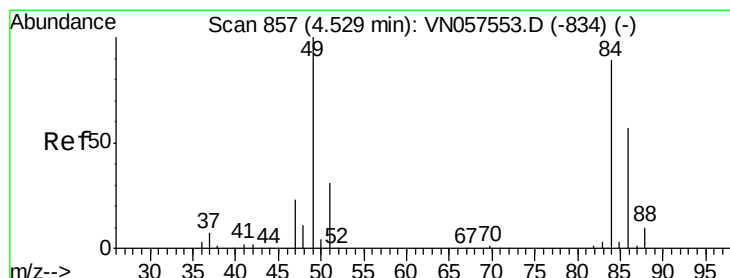
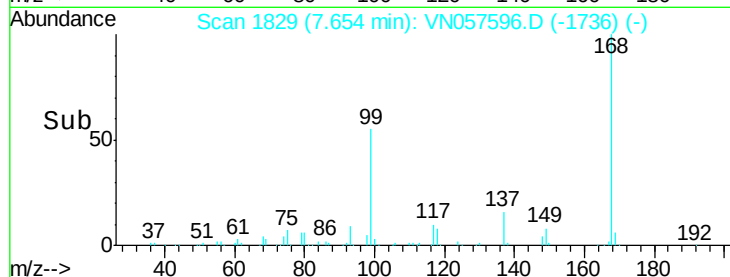
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 2.064 ug/l

RT: 4.53 min Scan# 858

Delta R.T. 0.00 min

Lab File: VN057596.D

Acq: 30 Aug 2019 18:47

Tgt Ion: 84 Resp: 15139

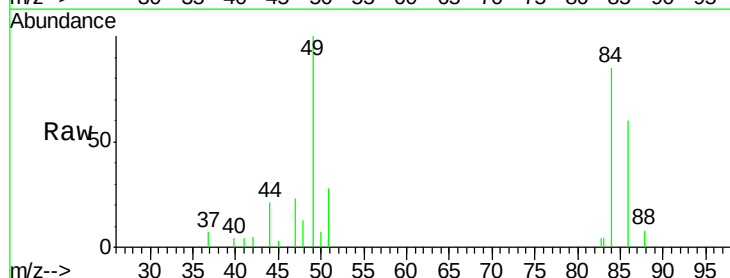
Ion Ratio Lower Upper

84 100

49 115.0 117.0 175.4#

51 32.9 35.5 53.3#

86 70.7 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

8000

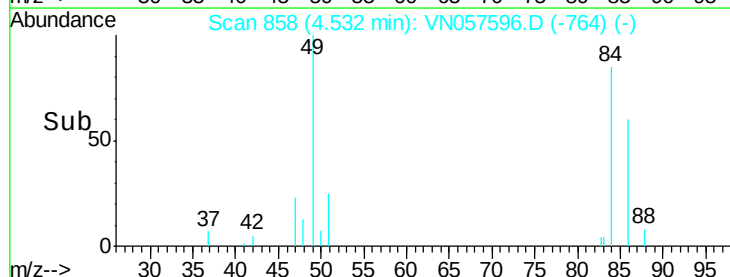
6000

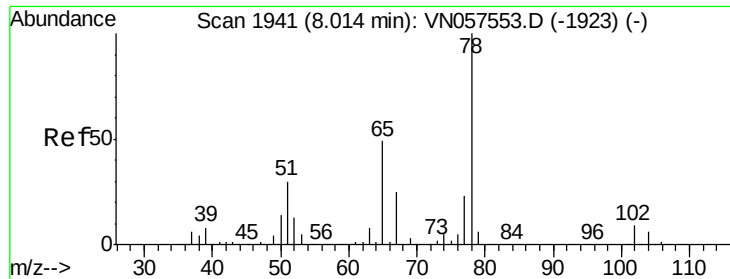
4000

2000

0

Time-->

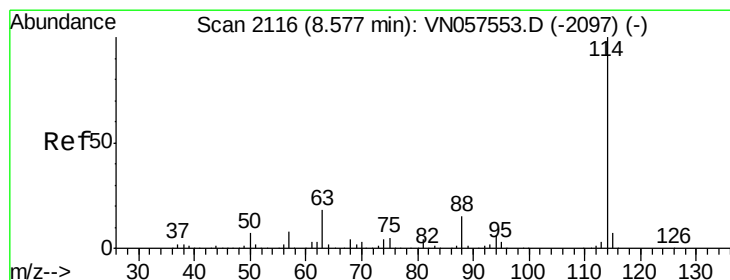
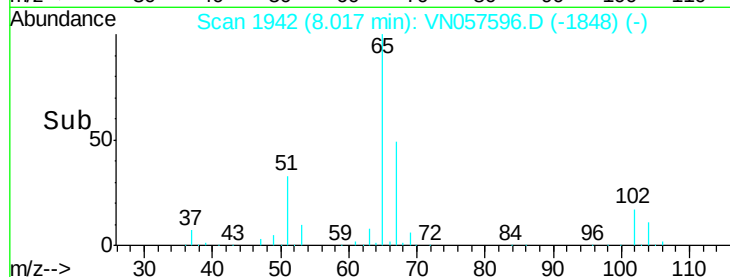
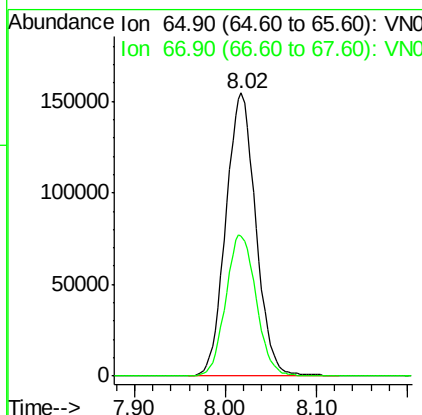
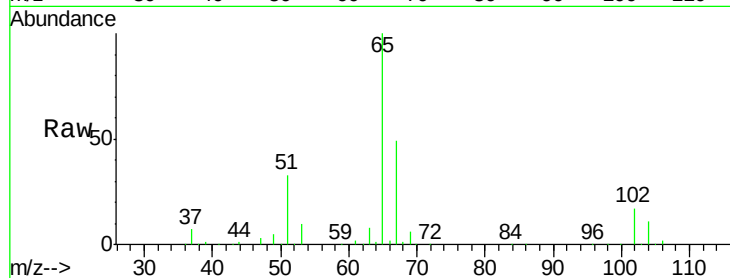




#33
 1,2-Dichloroethane-d4
 Concen: 36.114 ug/l
 RT: 8.02 min Scan# 1942
 Delta R.T. 0.00 min
 Lab File: VN057596.D
 Acq: 30 Aug 2019 18:47

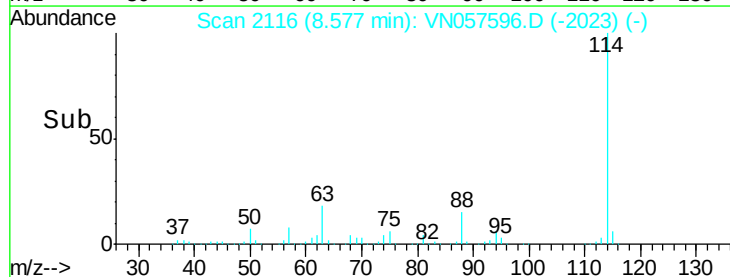
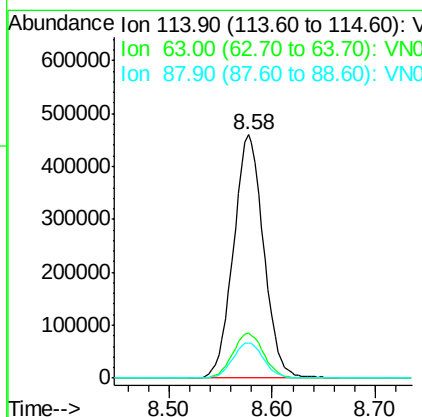
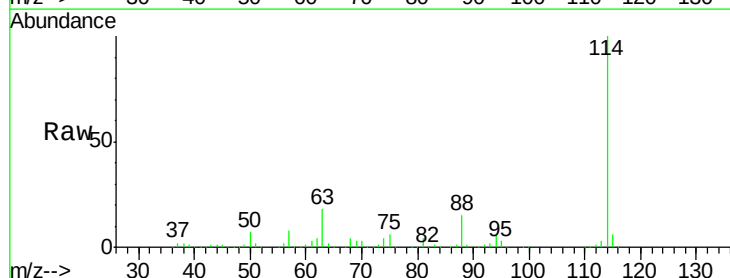
Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S-A1-(0)

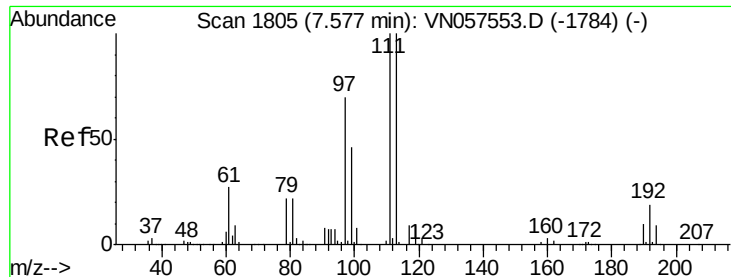
Tot Ion: 65 Resp: 353739
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. -0.00 min
 Lab File: VN057596.D
 Acq: 30 Aug 2019 18:47

Tgt Ion:114 Resp: 935955
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 50.2
 88 14.6 0.0 34.6





#35

Dibromofluoromethane

Concen: 33.691 ug/l

RT: 7.58 min Scan# 1806

Delta R.T. 0.00 min

Lab File: VN057596.D

Acq: 30 Aug 2019 18:47

Instrument :

MSVOA_N

ClientSampled :

T2-S-A1-(0)

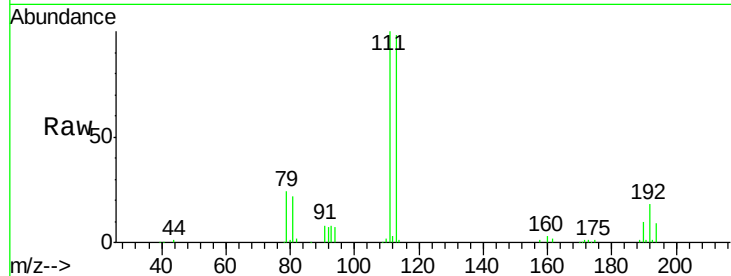
Tot Ion:113 Resp: 281843

Ion Ratio Lower Upper

113 100

111 103.8 83.8 125.6

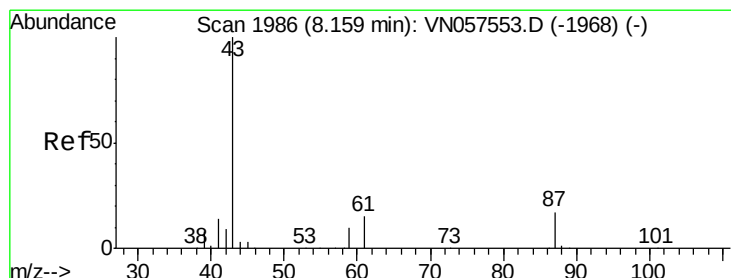
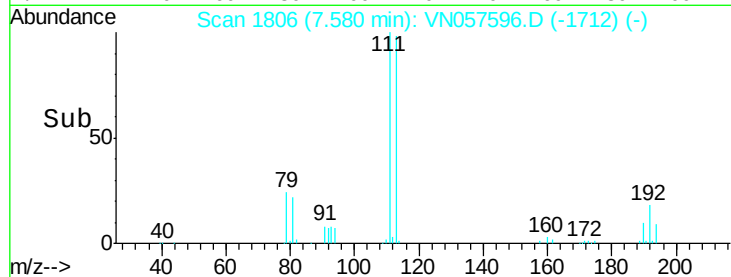
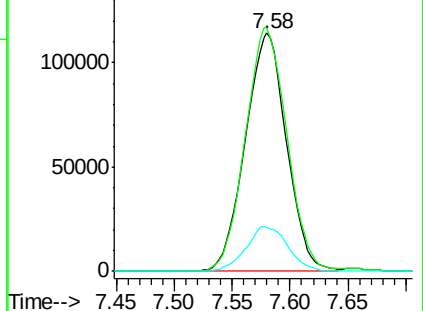
192 19.2 13.5 20.3



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: 6.049 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN057596.D

Acq: 30 Aug 2019 18:47

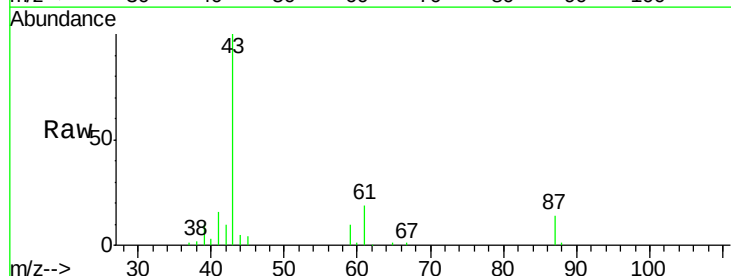
Tgt Ion: 43 Resp: 75743

Ion Ratio Lower Upper

43 100

61 18.7 14.5 21.7

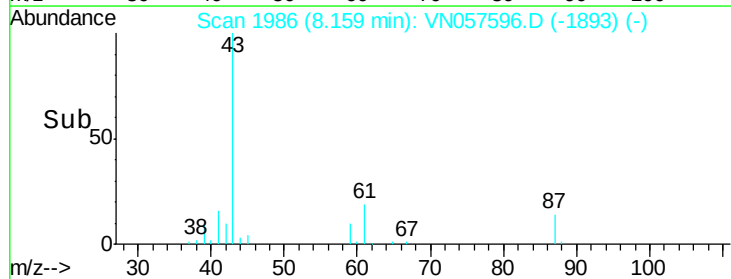
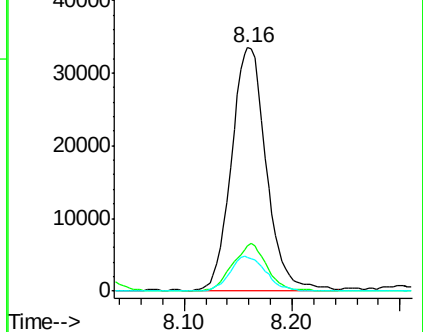
87 14.5 8.6 12.8#

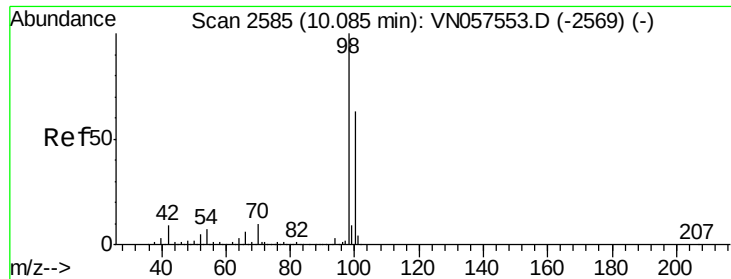


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 38.034 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057596.D

Acq: 30 Aug 2019 18:47

Instrument :

MSVOA_N

ClientSampleId :

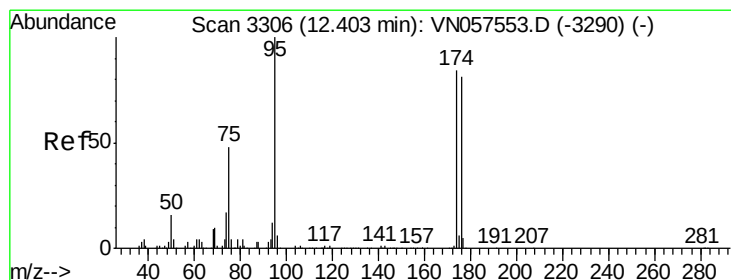
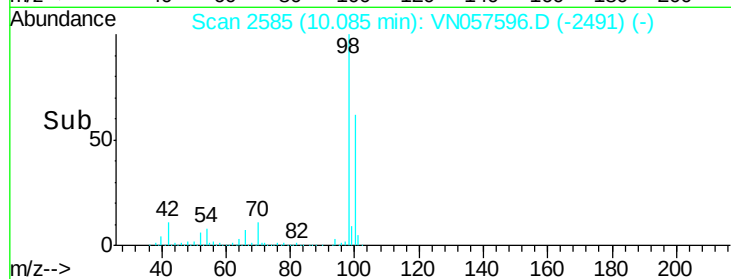
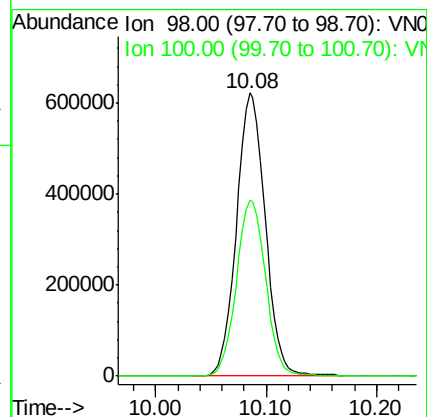
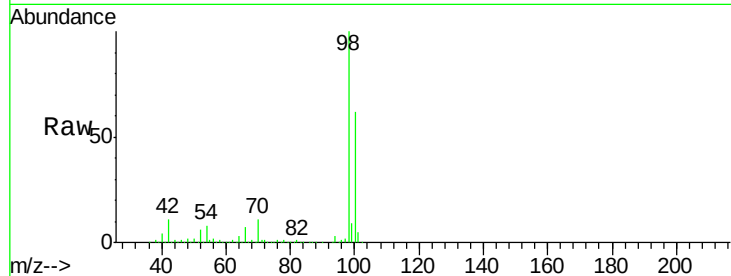
T2-S-A1-(0)

Tot Ion: 98 Resp: 1125439

Ion Ratio Lower Upper

98 100

100 63.1 50.4 75.6



#62

4-Bromofluorobenzene

Concen: 29.988 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057596.D

Acq: 30 Aug 2019 18:47

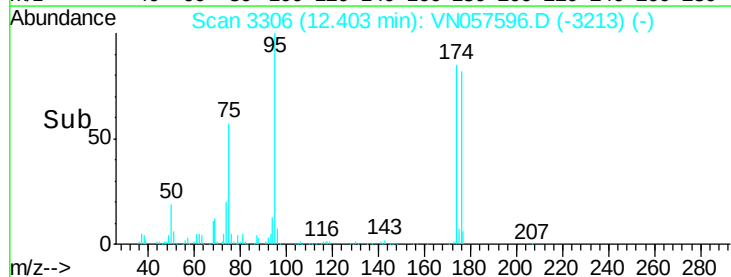
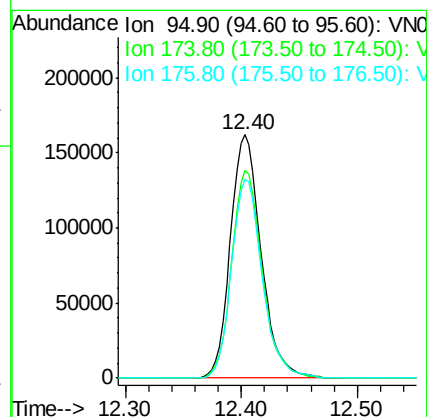
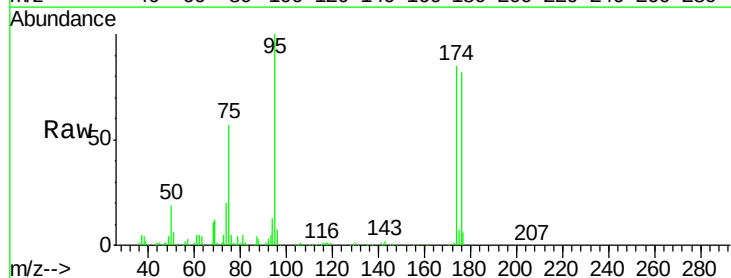
Tgt Ion: 95 Resp: 297868

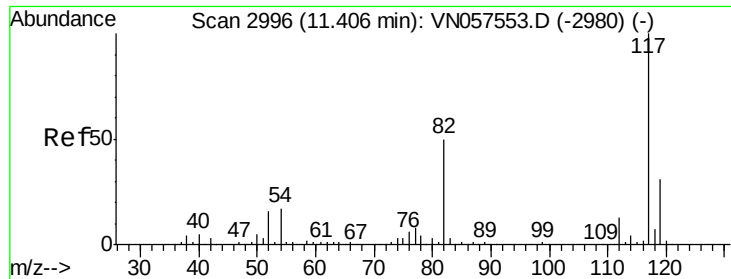
Ion Ratio Lower Upper

95 100

174 84.7 0.0 133.0

176 81.6 0.0 130.8

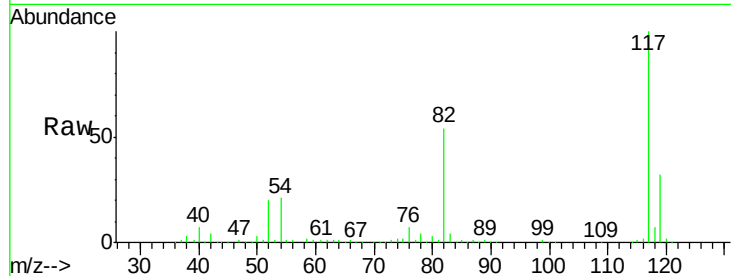




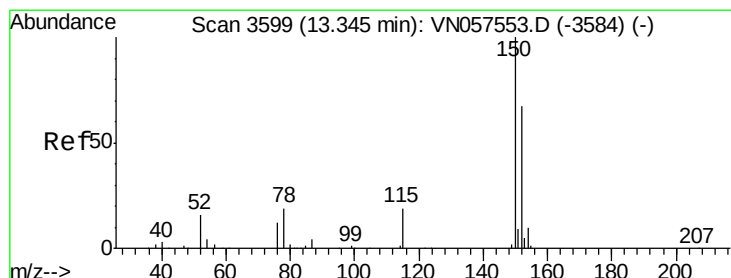
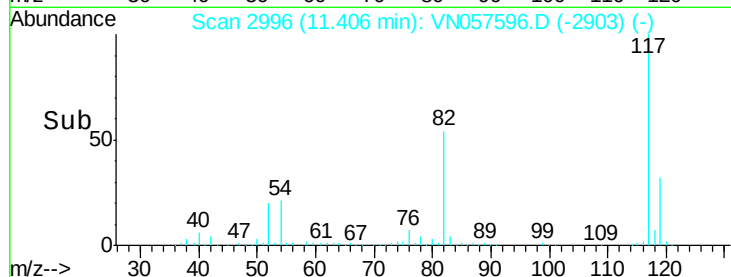
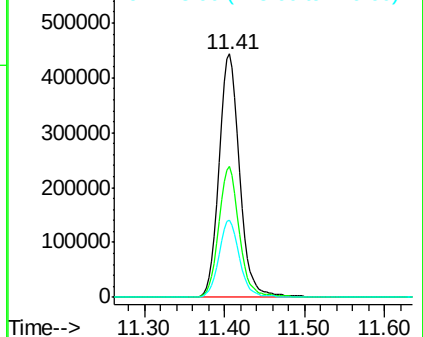
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN057596.D
Acq: 30 Aug 2019 18:47

Instrument :
MSVOA_N
ClientSampled :
T2-S-A1-(0)

Tot Ion:117 Resp: 795428
Ion Ratio Lower Upper
117 100
82 53.6 50.6 75.8
119 31.7 24.6 36.8

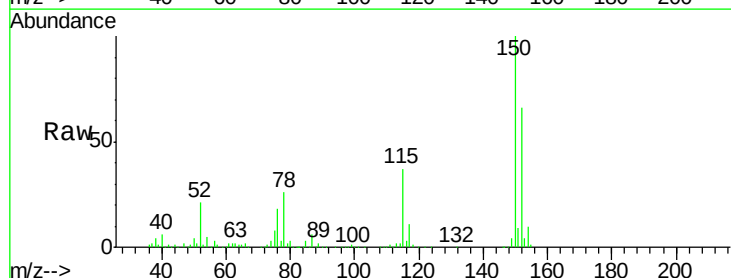


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057596.D
Acq: 30 Aug 2019 18:47

Tgt Ion:152 Resp: 213584
Ion Ratio Lower Upper
152 100
115 57.1 32.0 96.0
150 155.0 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

