

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100119\
 Data File : VN058465.D
 Acq On : 1 Oct 2019 15:09
 Operator : JC/SP
 Sample : I.BLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Quant Time: Oct 02 07:20:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

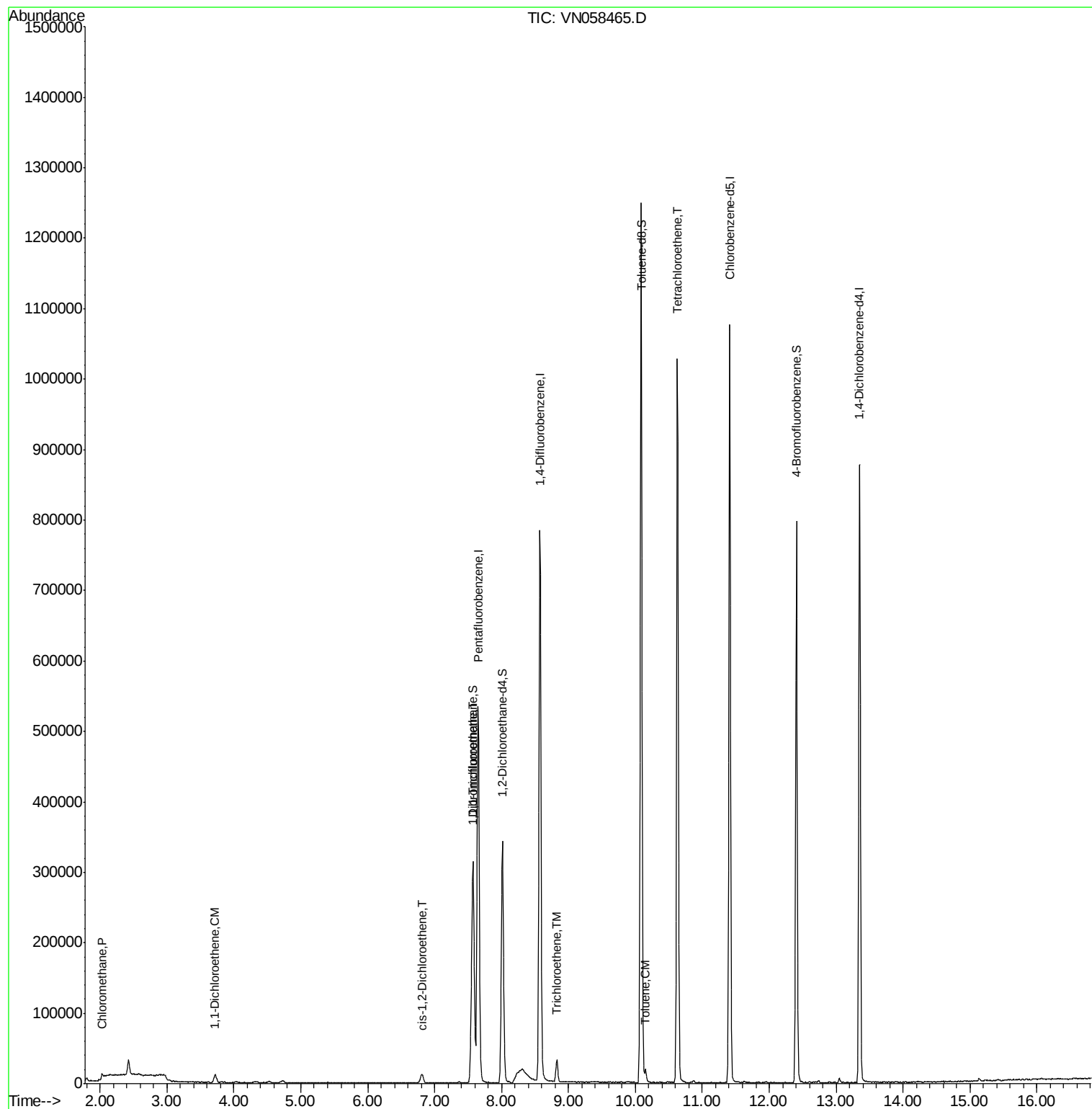
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	411689	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	675641	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	576665	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	223720	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	300763	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
35) Dibromofluoromethane	7.58	113	218277	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	
50) Toluene-d8	10.09	98	844293	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	
62) 4-Bromofluorobenzene	12.41	95	270628	46.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.28%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.03	50	3846	0.775	ug/l	90
12) 1,1-Dichloroethene	3.72	96	5051	1.301	ug/l	86
27) cis-1,2-Dichloroethene	6.82	96	3749	0.743	ug/l	90
32) 1,1,1-Trichloroethane	7.56	97	54288	7.622	ug/l	99
44) Trichloroethene	8.82	130	10986	2.396	ug/l	92
52) Toluene	10.15	92	6439	0.551	ug/l	98
64) Tetrachloroethene	10.63	164	217219	59.289	ug/l	95

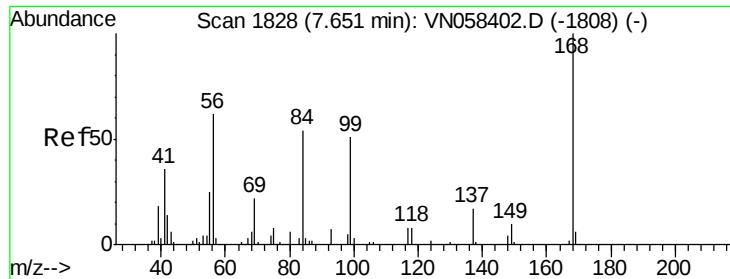
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100119\
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Misc : 5.00mL/MSVOA N/WATER
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Instrument :
MSVOA_N
ClientSampleId :
I.BLK

Quant Time: Oct 02 07:20:27 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058465.D

Acq: 1 Oct 2019 15:09

Instrument :

MSVOA_N

ClientSampled :

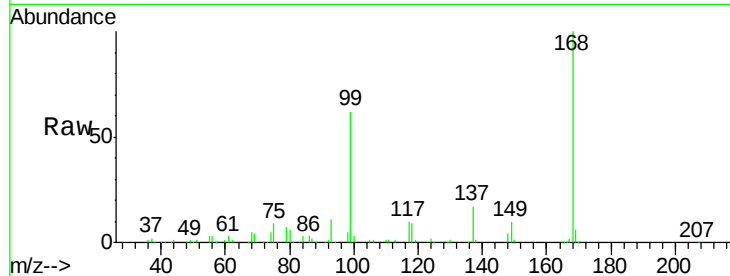
I.BLK

Tot Ion:168 Resp: 411689

Ion Ratio Lower Upper

168 100

99 62.1 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

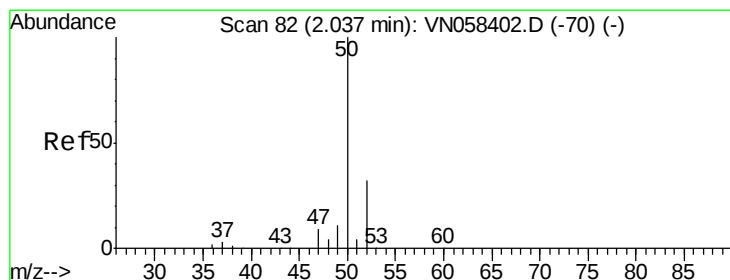
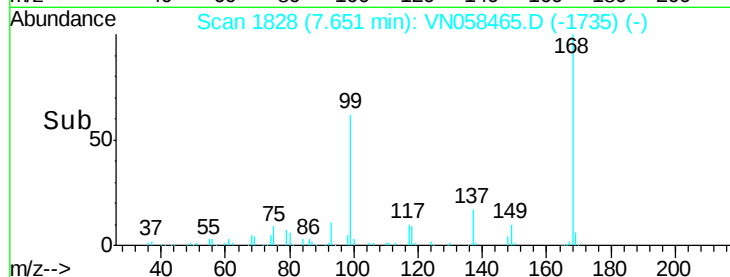
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.775 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN058465.D

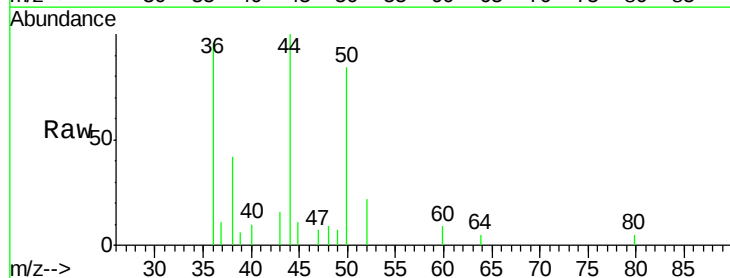
Acq: 1 Oct 2019 15:09

Tgt Ion: 50 Resp: 3846

Ion Ratio Lower Upper

50 100

52 26.6 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.03

3000

2500

2000

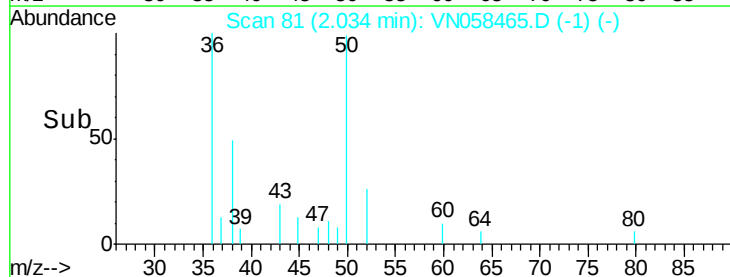
1500

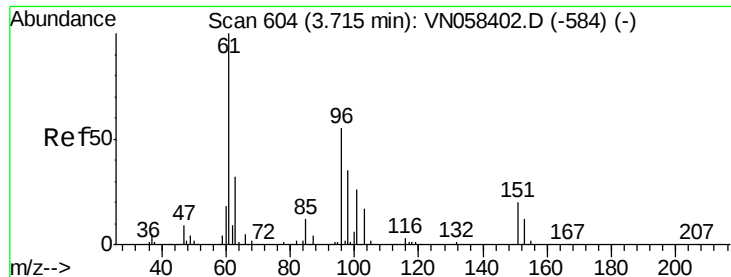
1000

500

0

Time-->

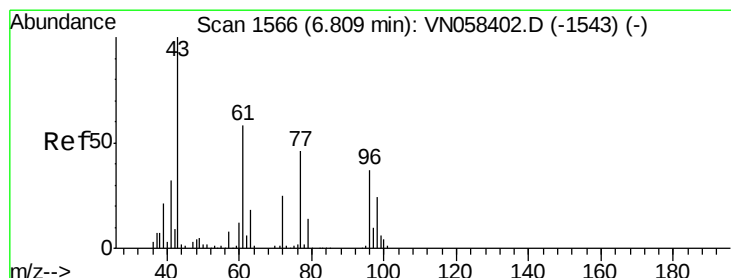
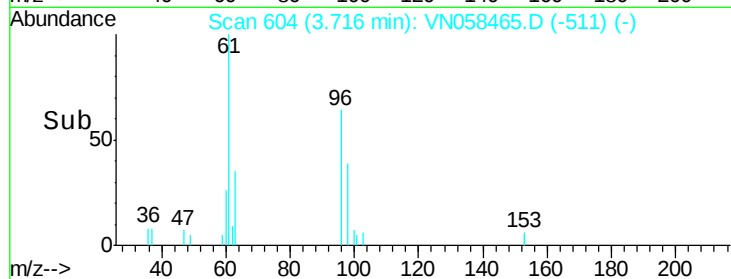
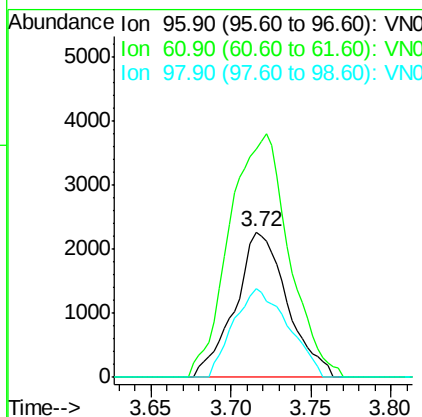
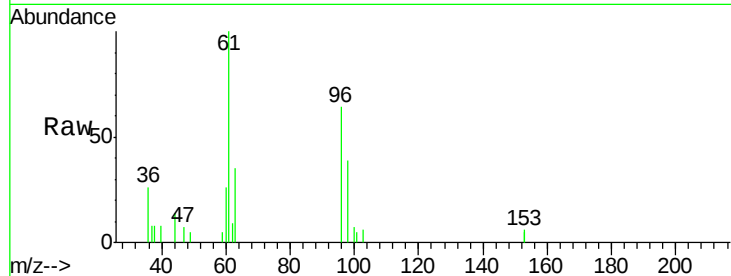




#12
 1,1-Dichloroethene
 Concen: 1.301 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN058465.D
 Acq: 1 Oct 2019 15:09

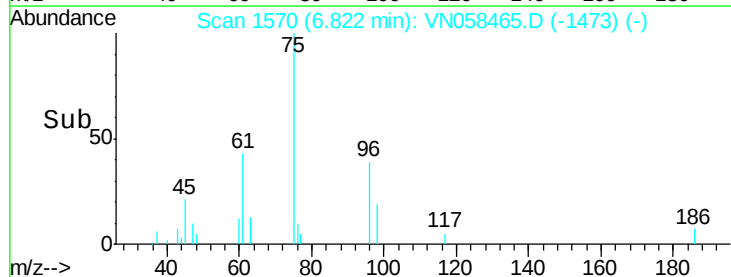
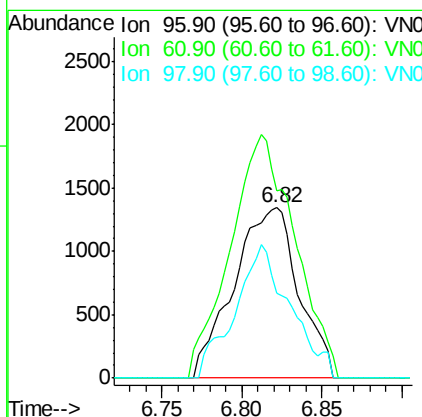
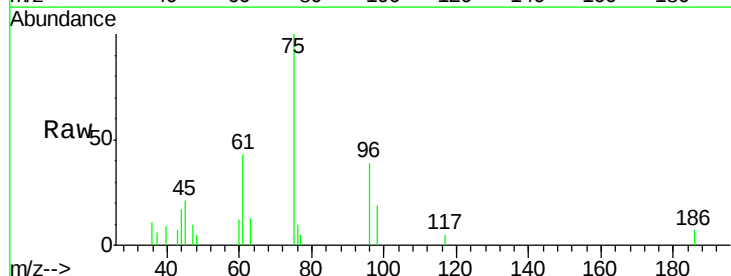
Instrument :
 MSVOA_N
 ClientSampled :
 I.BLK

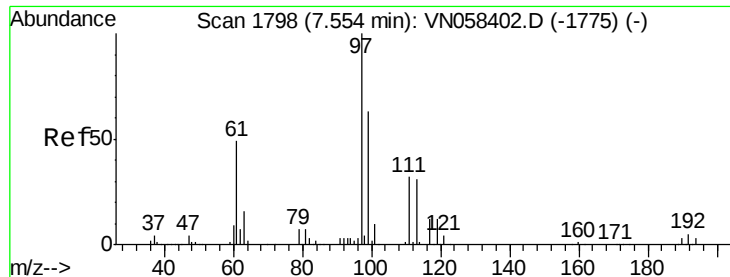
Tot Ion: 96 Resp: 5051
 Ion Ratio Lower Upper
 96 100
 61 157.2 146.7 220.1
 98 61.4 51.3 76.9



#27
 cis-1,2-Dichloroethene
 Concen: 0.743 ug/l
 RT: 6.82 min Scan# 1570
 Delta R.T. 0.01 min
 Lab File: VN058465.D
 Acq: 1 Oct 2019 15:09

Tgt Ion: 96 Resp: 3749
 Ion Ratio Lower Upper
 96 100
 61 142.2 0.0 318.8
 98 66.1 0.0 129.8





#32

1,1,1-Trichloroethane

Concen: 7.622 ug/l

RT: 7.56 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN058465.D

Acq: 1 Oct 2019 15:09

Instrument :

MSVOA_N

ClientSampled :

I.BLK

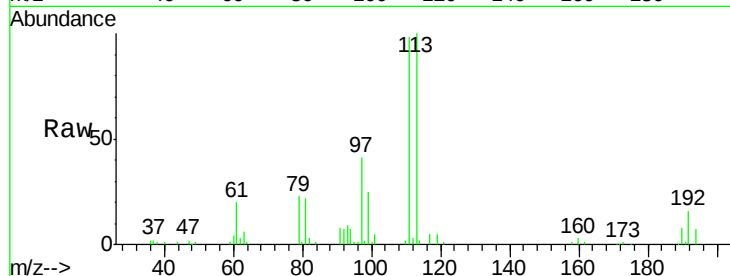
Tot Ion: 97 Resp: 54288

Ion Ratio Lower Upper

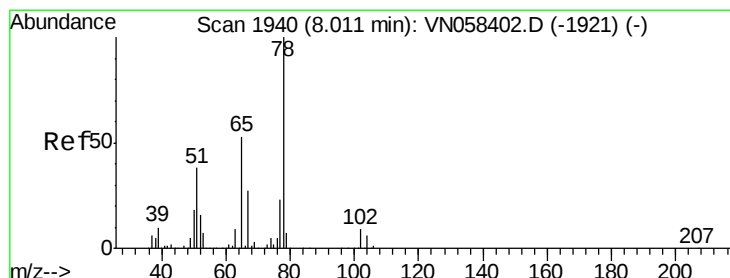
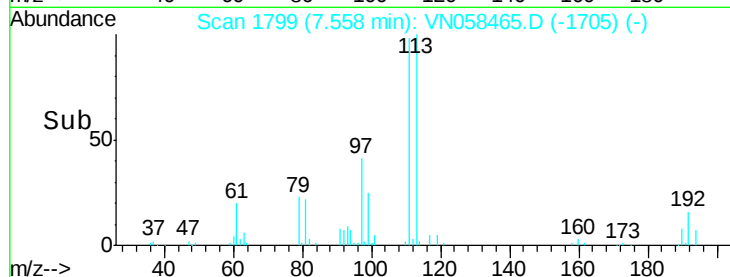
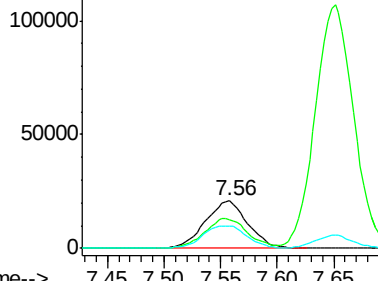
97 100

99 64.1 51.1 76.7

61 50.7 39.2 58.8



Abundance Ion 96.90 (96.60 to 97.60): VNO
Ion 98.90 (98.60 to 99.60): VNO
Ion 60.90 (60.60 to 61.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 49.992 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058465.D

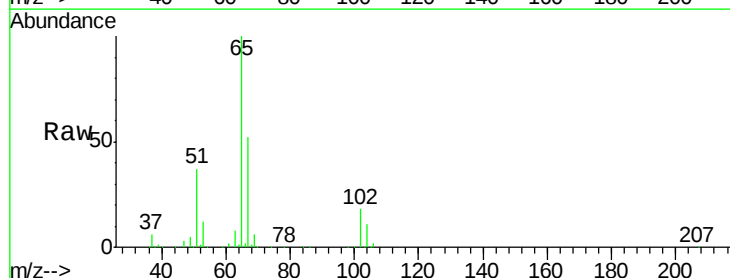
Acq: 1 Oct 2019 15:09

Tgt Ion: 65 Resp: 300763

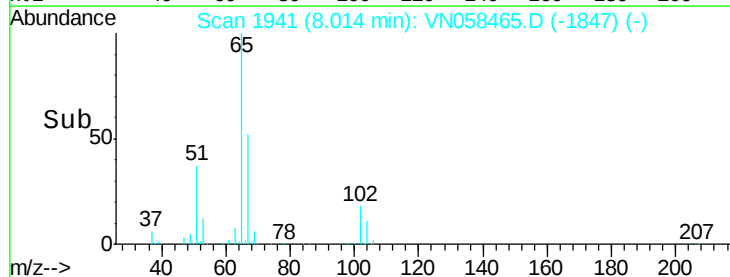
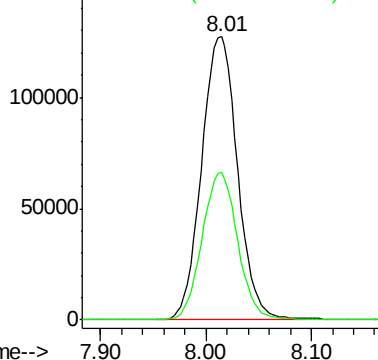
Ion Ratio Lower Upper

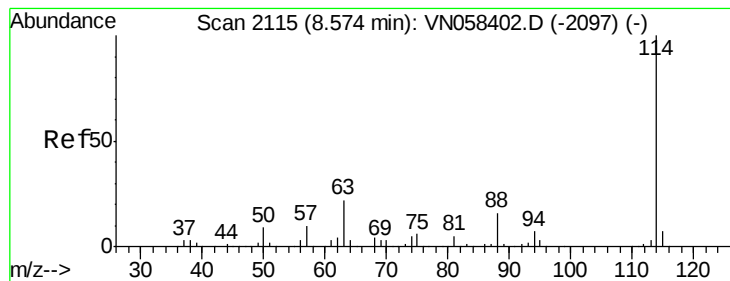
65 100

67 51.6 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VNO
Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN058465.D

Acq: 1 Oct 2019 15:09

Instrument :

MSVOA_N

ClientSampleId :

I.BLK

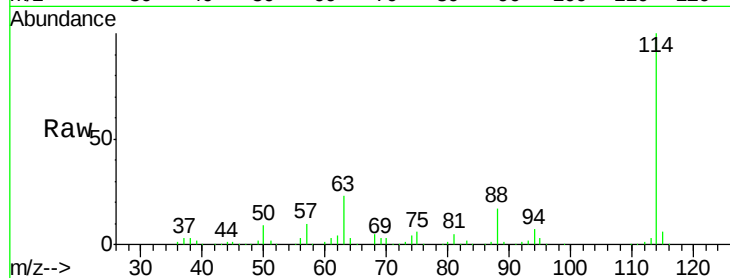
Tot Ion:114 Resp: 675641

Ion Ratio Lower Upper

114 100

63 23.3 0.0 45.0

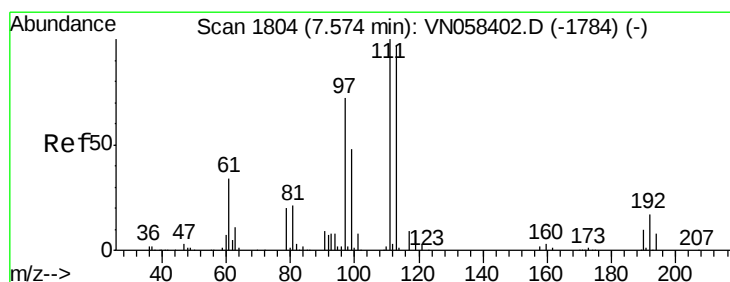
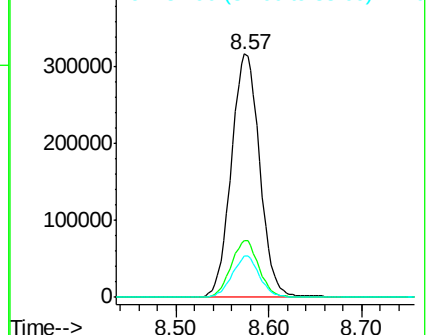
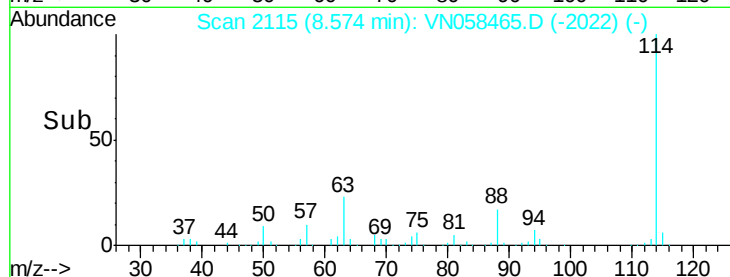
88 16.7 0.0 32.2



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: 52.712 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN058465.D

Acq: 1 Oct 2019 15:09

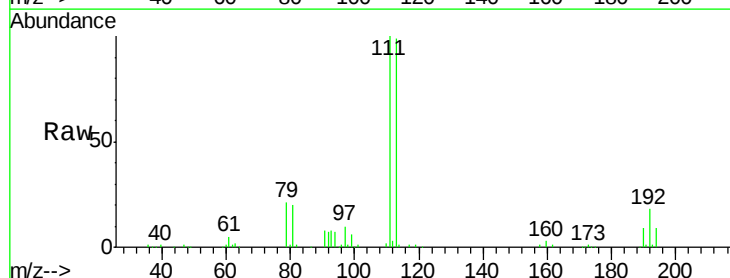
Tgt Ion:113 Resp: 218277

Ion Ratio Lower Upper

113 100

111 100.2 83.4 125.2

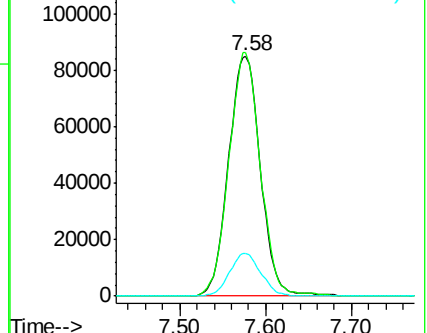
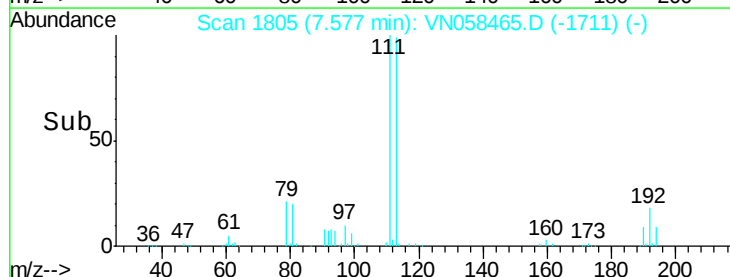
192 17.5 14.9 22.3

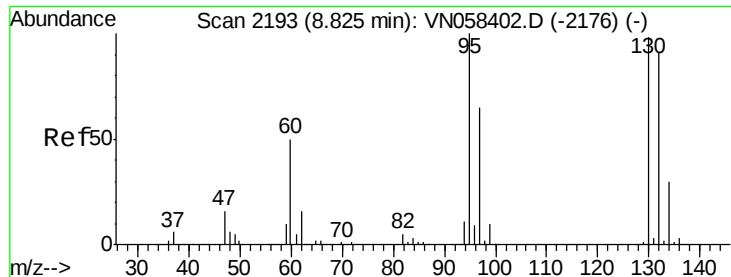


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

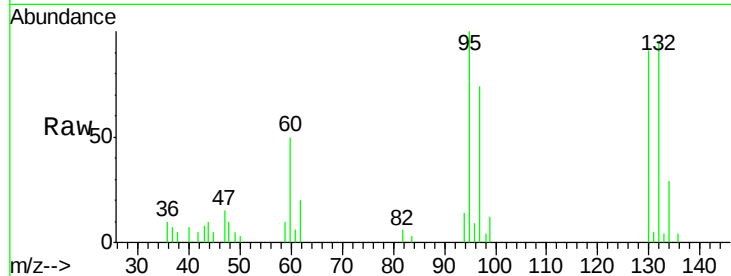




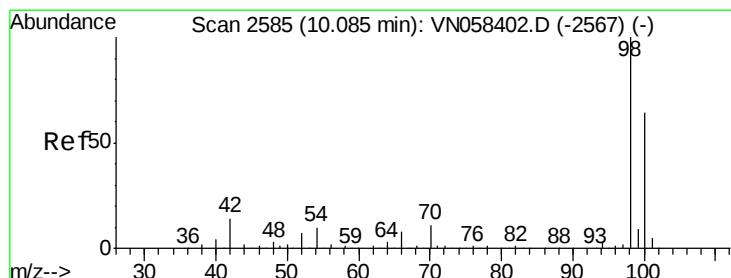
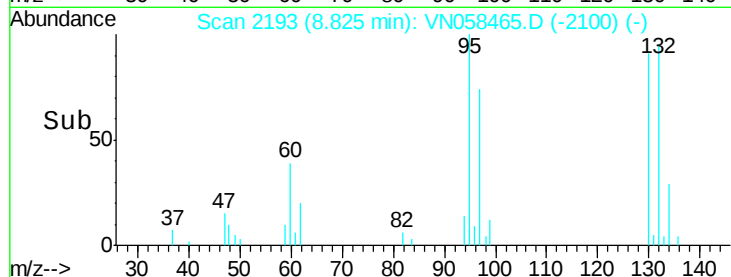
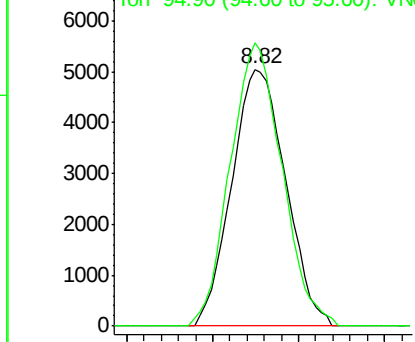
#44
 Trichloroethene
 Concen: 2.396 ug/l
 RT: 8.82 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VN058465.D
 Acq: 1 Oct 2019 15:09

Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Tot Ion:130 Resp: 10986
 Ion Ratio Lower Upper
 130 100
 95 110.3 0.0 204.2

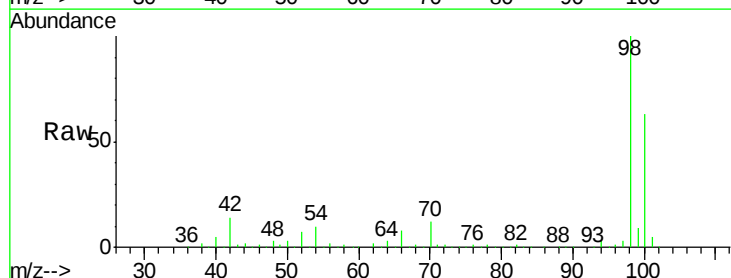


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VN

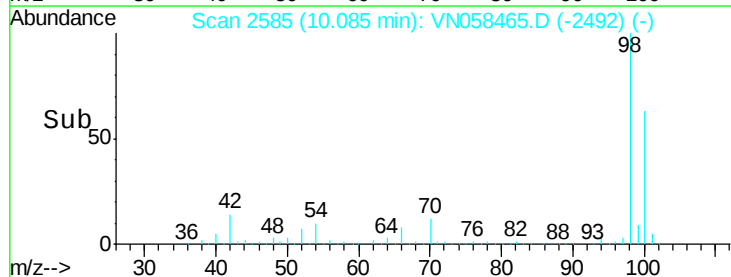
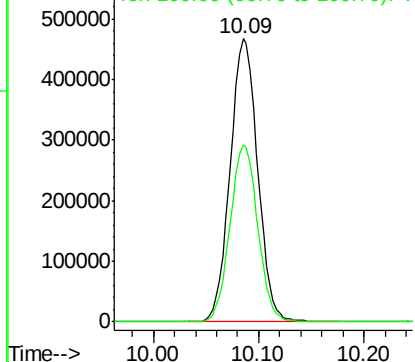


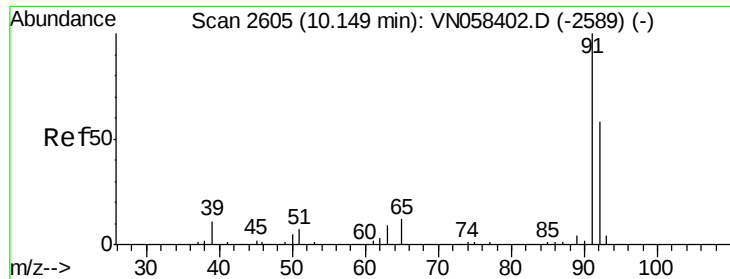
#50
 Toluene-d8
 Concen: 52.047 ug/l
 RT: 10.09 min Scan# 2585
 Delta R.T. 0.00 min
 Lab File: VN058465.D
 Acq: 1 Oct 2019 15:09

Tgt Ion: 98 Resp: 844293
 Ion Ratio Lower Upper
 98 100
 100 62.9 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN
 Ion 100.00 (99.70 to 100.70): VN





#52

Toluene

Concen: 0.551 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN058465.D

Acq: 1 Oct 2019 15:09

Instrument :

MSVOA_N

ClientSampleId :

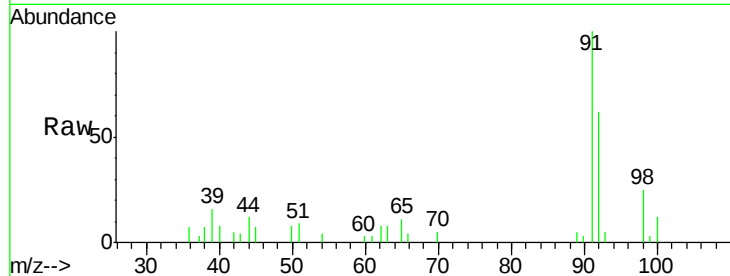
I.BLK

Tot Ion: 92 Resp: 6439

Ion Ratio Lower Upper

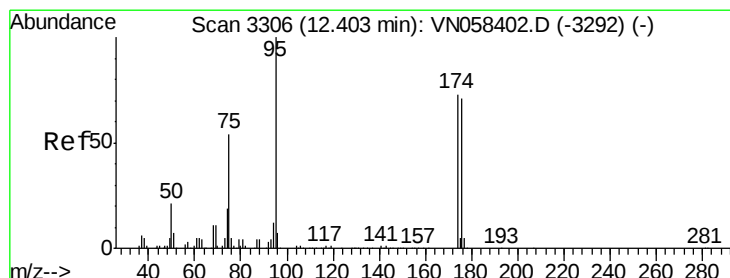
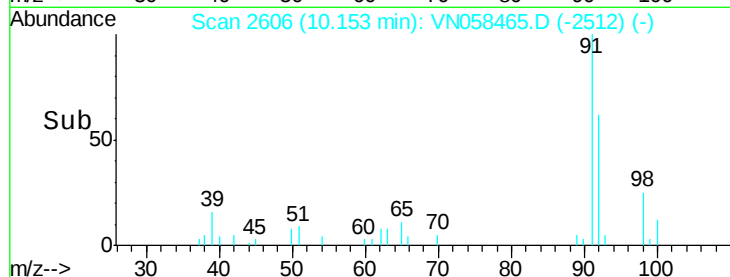
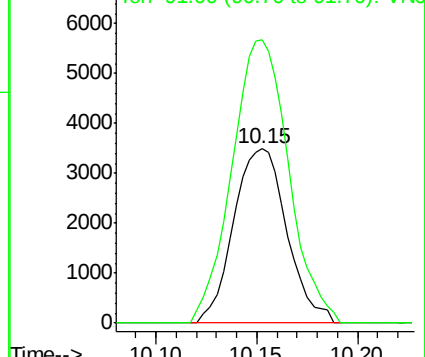
92 100

91 172.9 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#62

4-Bromofluorobenzene

Concen: 46.139 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058465.D

Acq: 1 Oct 2019 15:09

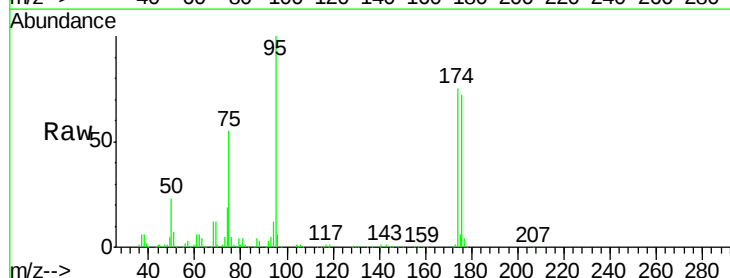
Tgt Ion: 95 Resp: 270628

Ion Ratio Lower Upper

95 100

174 74.3 0.0 150.6

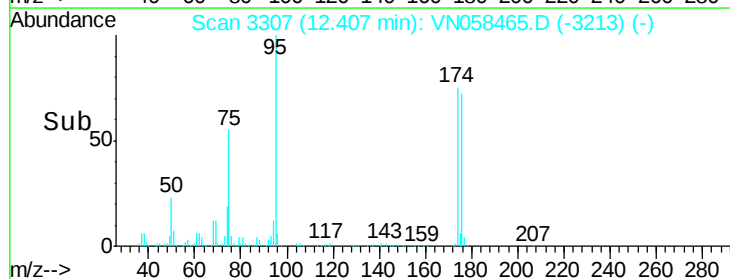
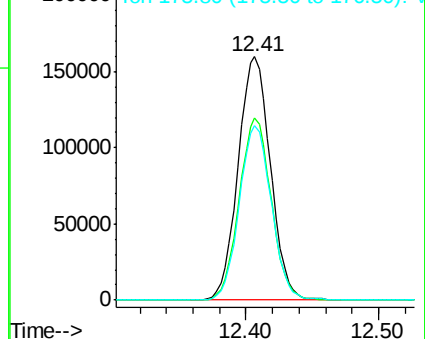
176 71.3 0.0 146.2

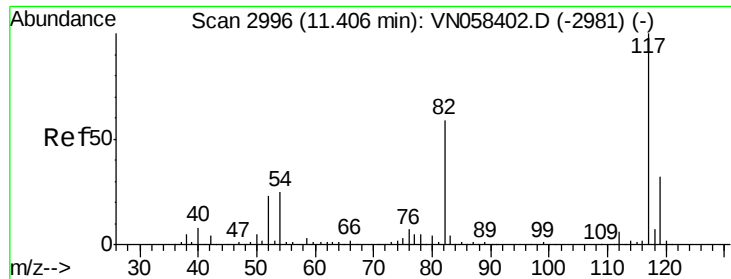


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058465.D

Acq: 1 Oct 2019 15:09

Instrument :

MSVOA_N

ClientSampled :

I.BLK

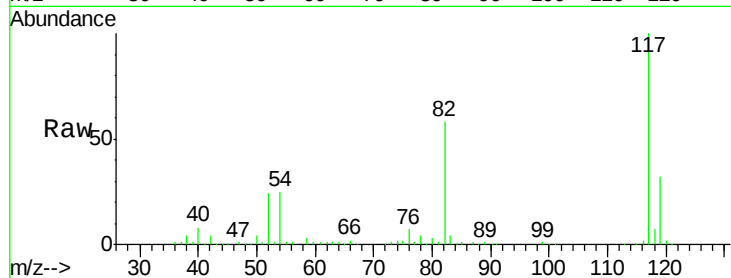
Tot Ion:117 Resp: 576665

Ion Ratio Lower Upper

117 100

82 57.6 47.4 71.0

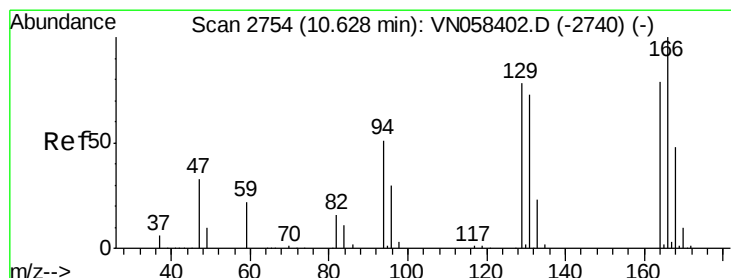
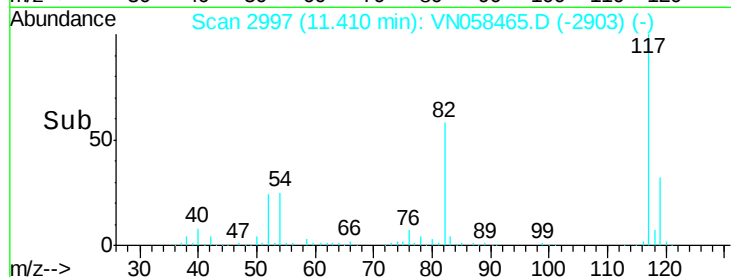
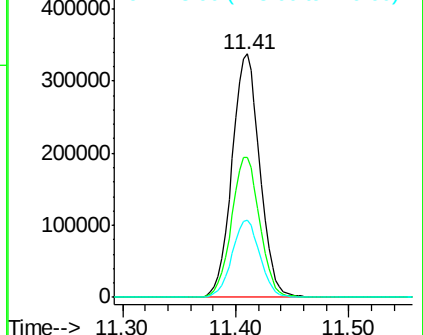
119 31.7 25.5 38.3



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



#64

Tetrachloroethene

Concen: 59.289 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. 0.00 min

Lab File: VN058465.D

Acq: 1 Oct 2019 15:09

Tgt Ion:164 Resp: 217219

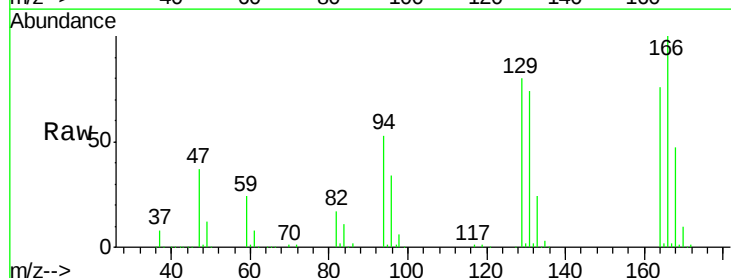
Ion Ratio Lower Upper

164 100

166 131.0 101.1 151.7

129 104.6 79.2 118.8

131 96.5 74.1 111.1

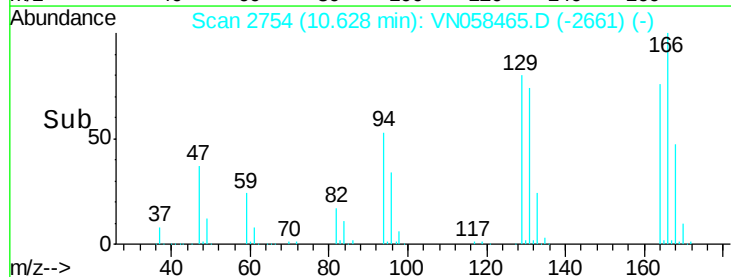
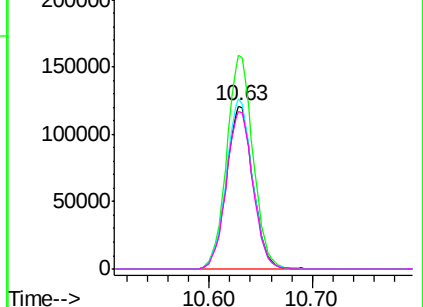


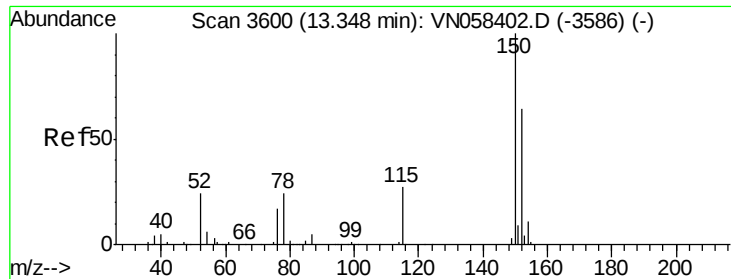
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

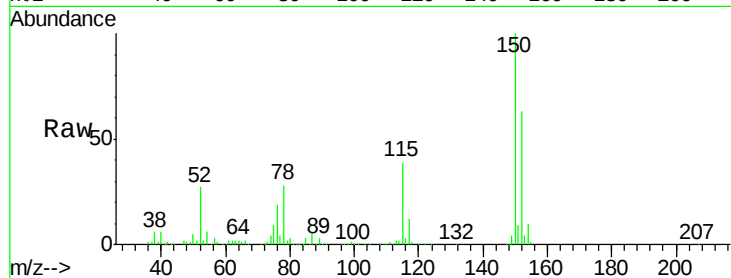




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3601
 Delta R.T. 0.00 min
 Lab File: VN058465.D
 Acq: 1 Oct 2019 15:09

Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Tot Ion	Ratio	Lower	Upper
152	100		
115	62.3	30.0	90.0
150	159.0	0.0	348.2



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

