

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091619\
 Data File : VN058121.D
 Acq On : 16 Sep 2019 16:07
 Operator : JC/SP
 Sample : K4719-32
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T4-4(1.5)-HELLGATE

Quant Time: Sep 17 08:12:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

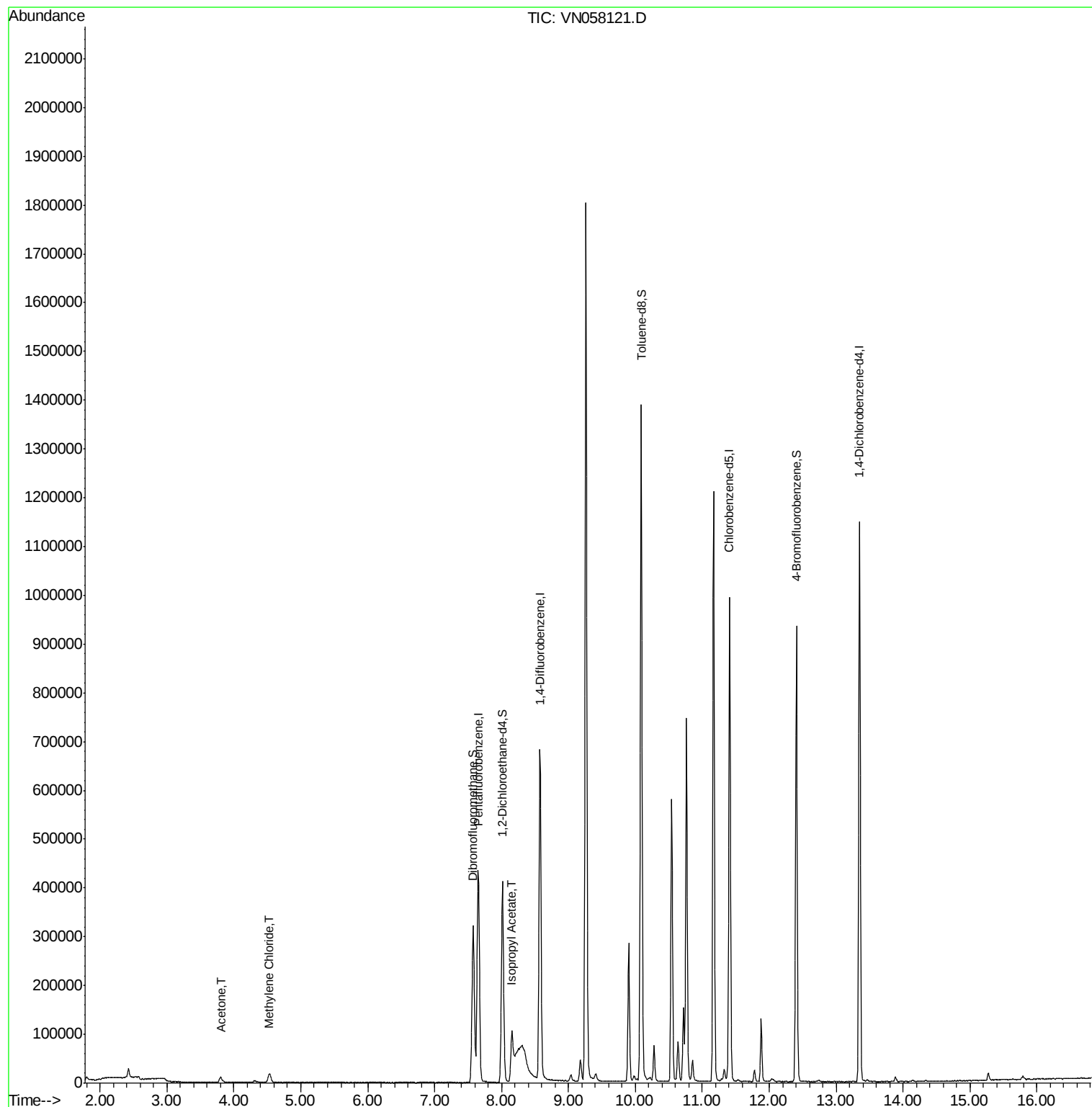
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	340866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	581790	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	540507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	286773	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	356678	51.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.32%	
35) Dibromofluoromethane	7.58	113	243715	45.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.78%	
50) Toluene-d8	10.08	98	952299	45.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.36%	
62) 4-Bromofluorobenzene	12.41	95	321718	40.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.98%	
Target Compounds						
16) Acetone	3.80	43	18956	8.376	ug/l	93
20) Methylene Chloride	4.53	84	13071	1.848	ug/l	90
43) Isopropyl Acetate	8.16	43	145023	12.371	ug/l #	84

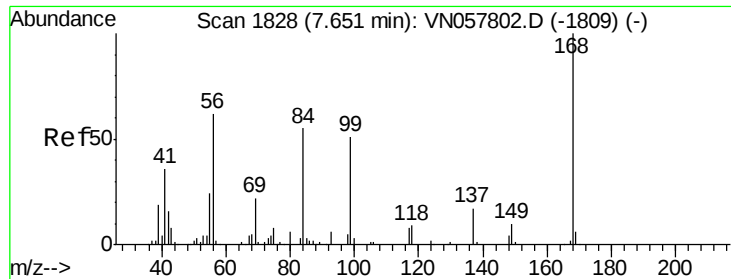
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091619\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 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: VN058121.D

Acq: 16 Sep 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

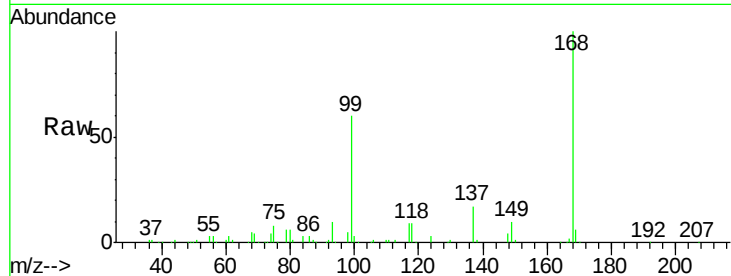
T4-4(1.5)-HELLGATE

Tot Ion:168 Resp: 340866

Ion Ratio Lower Upper

168 100

99 60.1 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

150000

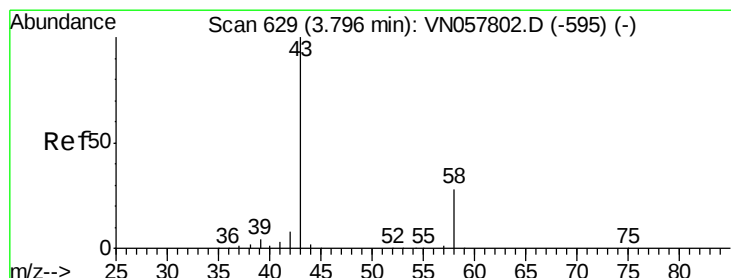
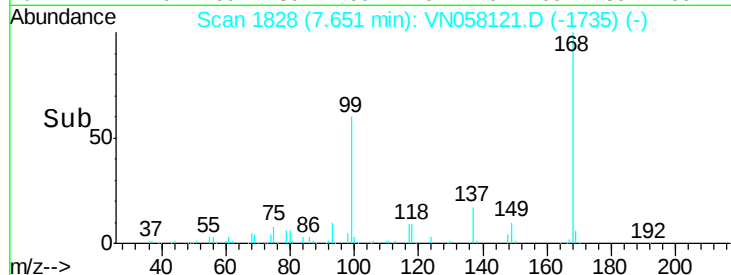
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 8.376 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058121.D

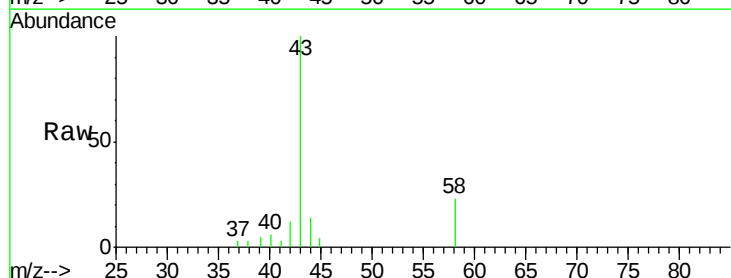
Acq: 16 Sep 2019 16:07

Tgt Ion: 43 Resp: 18956

Ion Ratio Lower Upper

43 100

58 24.0 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.80

8000

6000

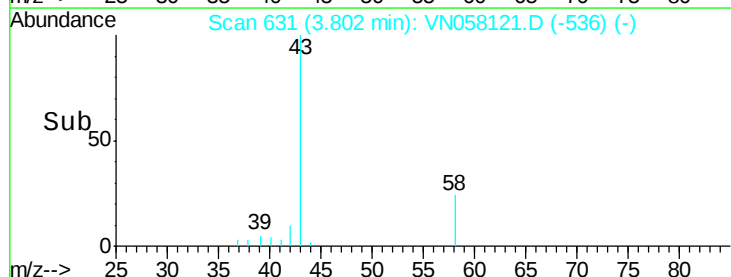
4000

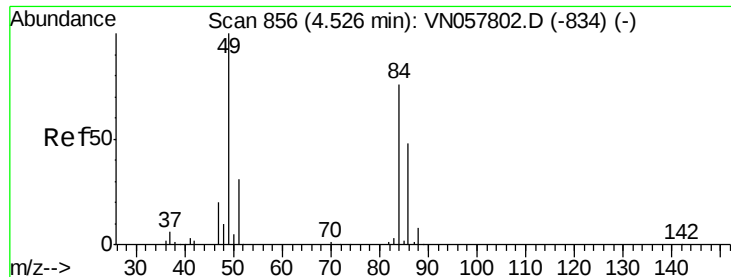
2000

0

3.70 3.75 3.80 3.85 3.90

Time-->

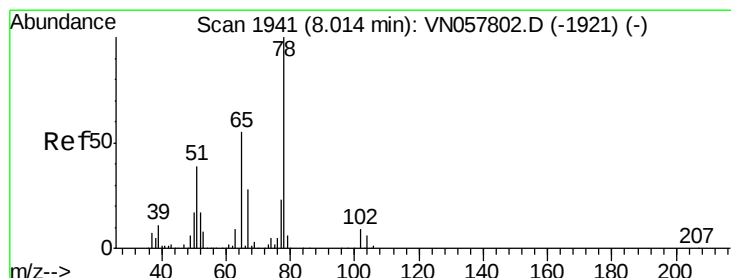
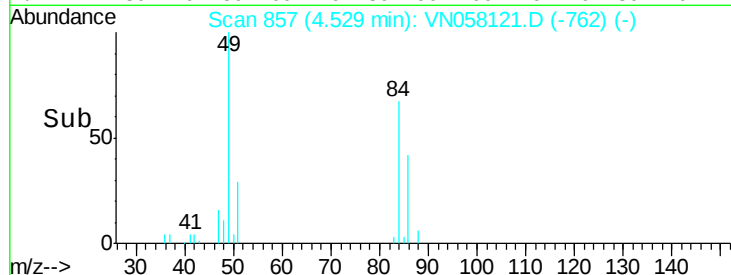
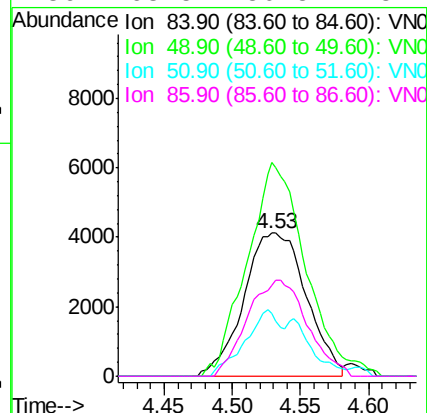
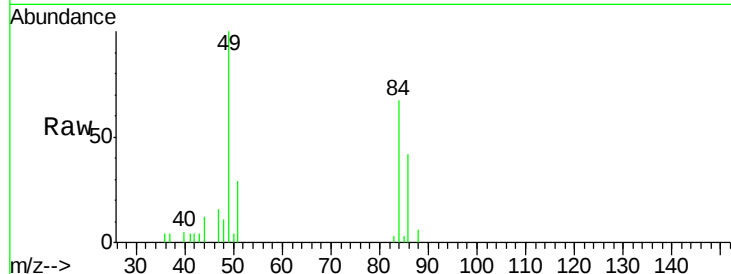




#20
Methylene Chloride
Concen: 1.848 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058121.D
Acq: 16 Sep 2019 16:07

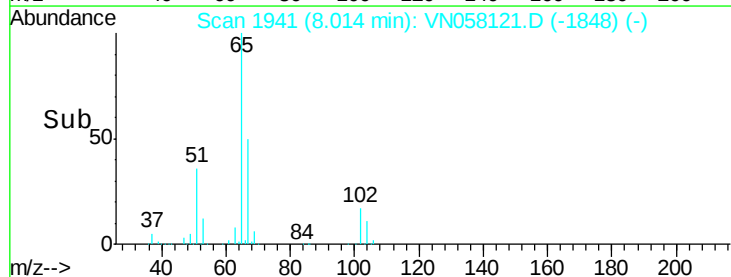
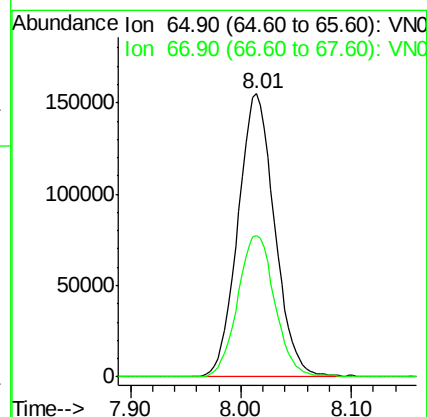
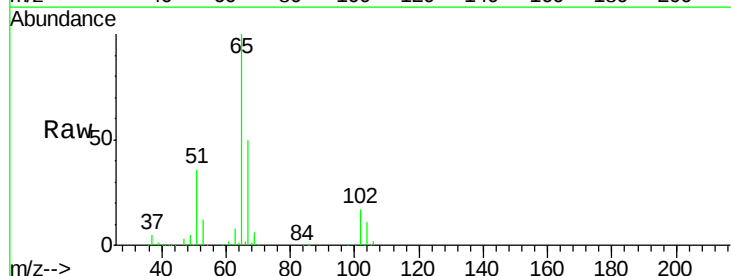
Instrument :
MSVOA_N
ClientSampleId :
T4-4-(1.5)-HELLGATE

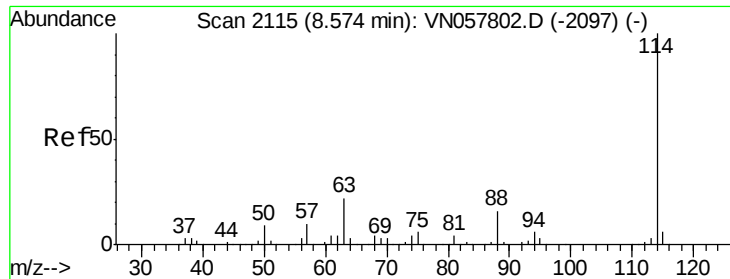
Tot Ion: 84 Resp: 13071
Ion Ratio Lower Upper
84 100
49 149.5 104.8 157.2
51 44.0 33.0 49.4
86 63.5 50.5 75.7



#33
1,2-Dichloroethane-d4
Concen: 51.663 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN058121.D
Acq: 16 Sep 2019 16:07

Tgt Ion: 65 Resp: 356678
Ion Ratio Lower Upper
65 100
67 50.7 0.0 104.0

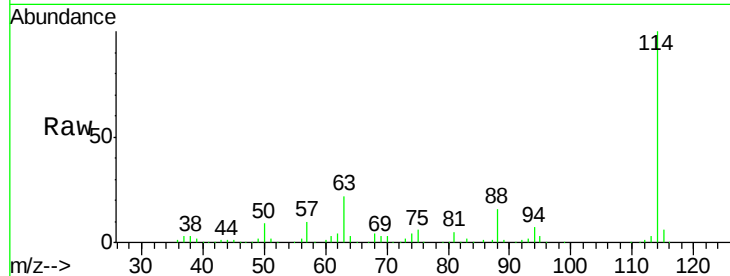




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058121.D
 Acq: 16 Sep 2019 16:07

Instrument :
 MSVOA_N
 ClientSampleId :
 T4-4-(1.5)-HELLGATE

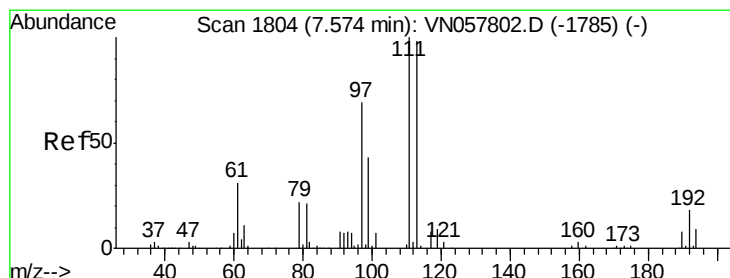
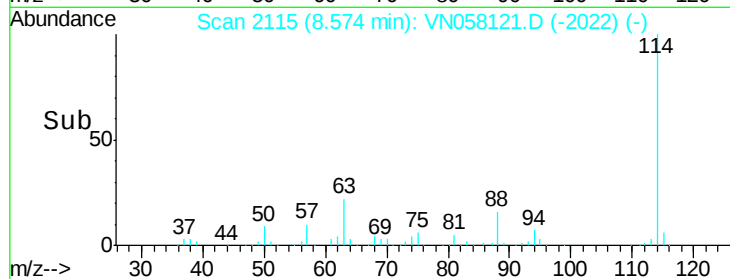
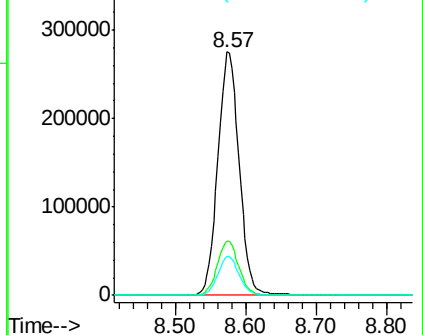
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	44.0
88	16.2	0.0	31.4



Abundance Ion 113.90 (113.60 to 114.60): V

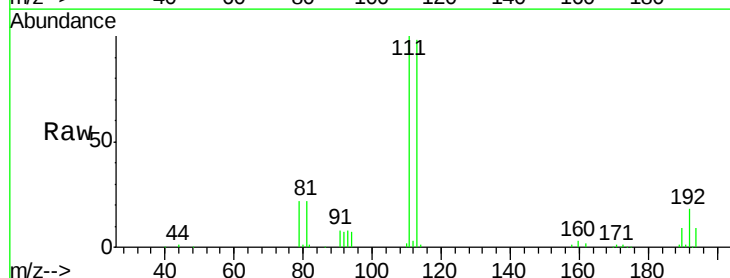
Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35
 Dibromofluoromethane
 Concen: 45.387 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058121.D
 Acq: 16 Sep 2019 16:07

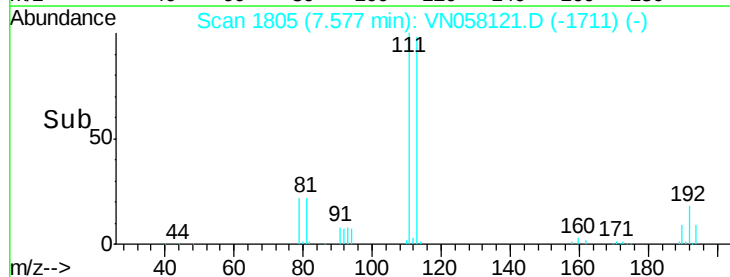
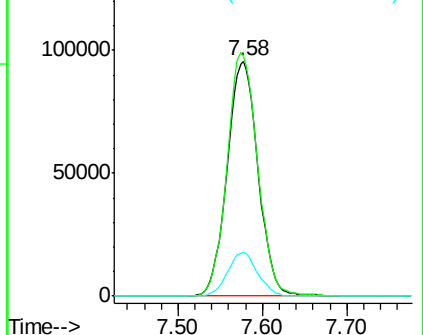
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.3	121.9
192	18.1	14.6	22.0

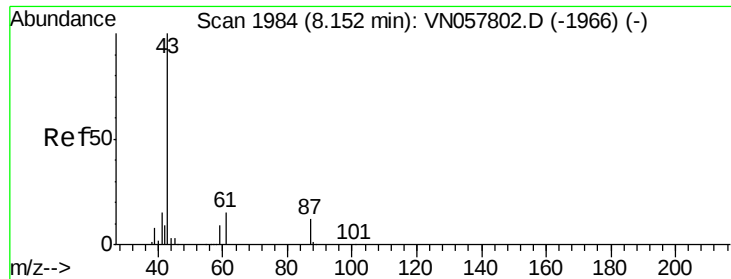


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 12.371 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN058121.D

Acq: 16 Sep 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

T4-4-(1.5)-HELLGATE

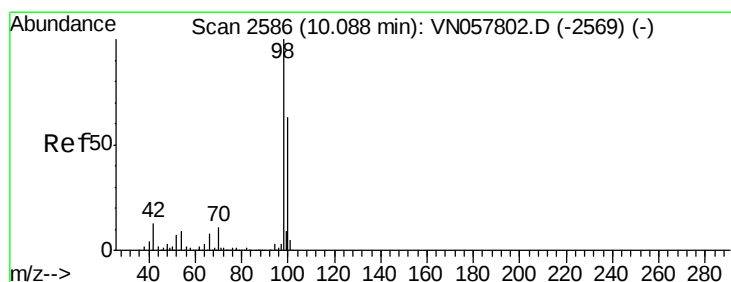
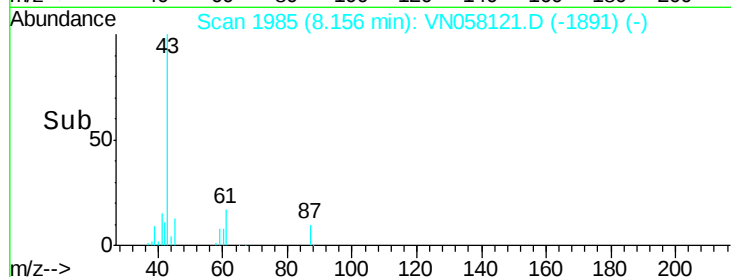
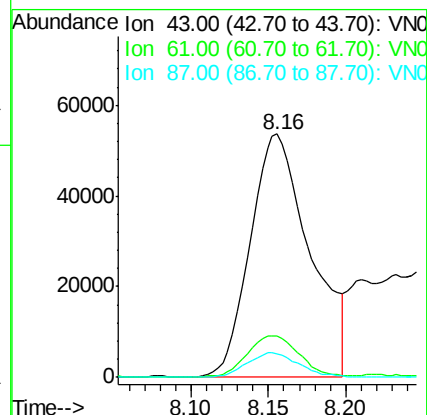
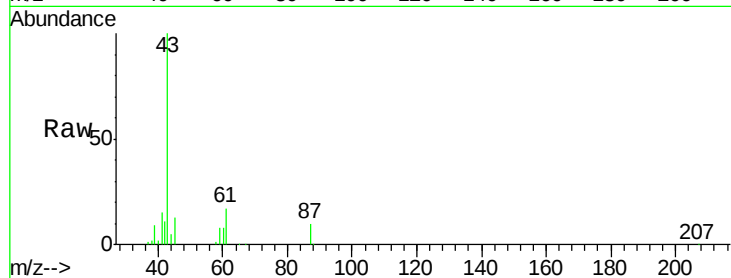
Tot Ion: 43 Resp: 145023

Ion Ratio Lower Upper

43 100

61 15.0 20.1 30.1#

87 8.8 9.5 14.3#



#50

Toluene-d8

Concen: 45.678 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058121.D

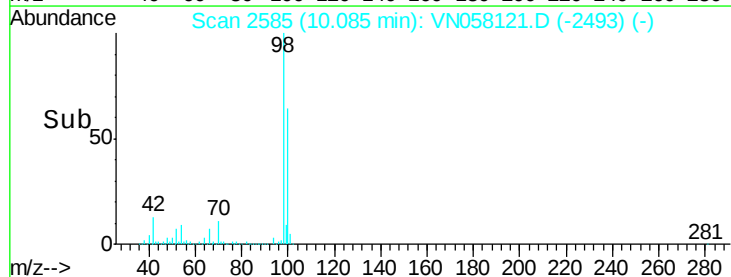
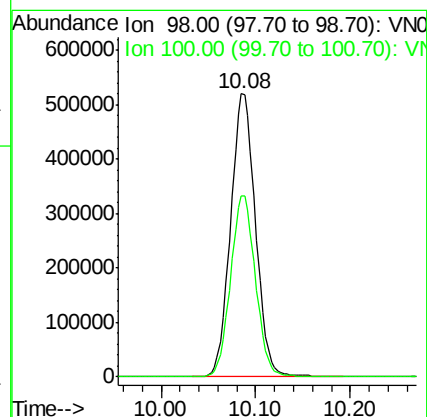
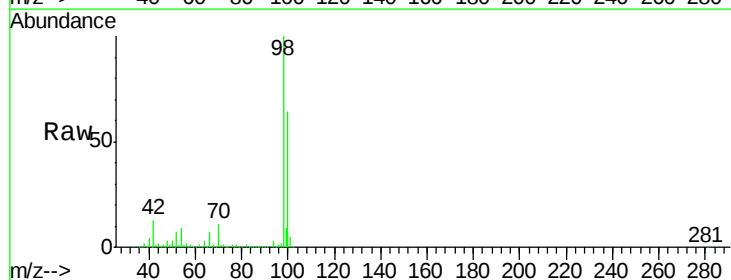
Acq: 16 Sep 2019 16:07

Tgt Ion: 98 Resp: 952299

Ion Ratio Lower Upper

98 100

100 64.0 50.3 75.5





#62

4-Bromofluorobenzene

Concen: 40.493 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058121.D

Acq: 16 Sep 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

T4-4-(1.5)-HELLGATE

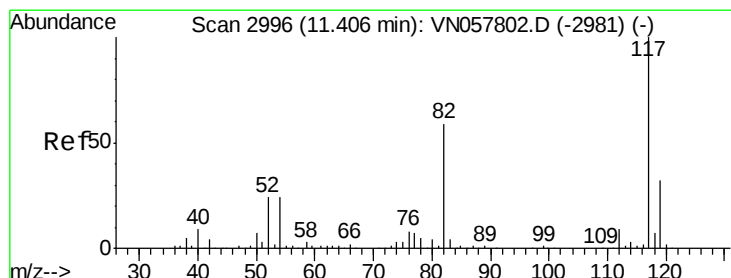
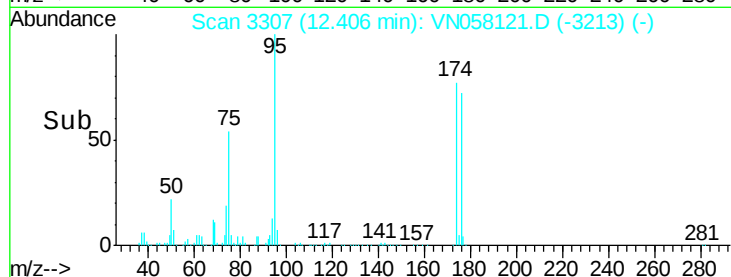
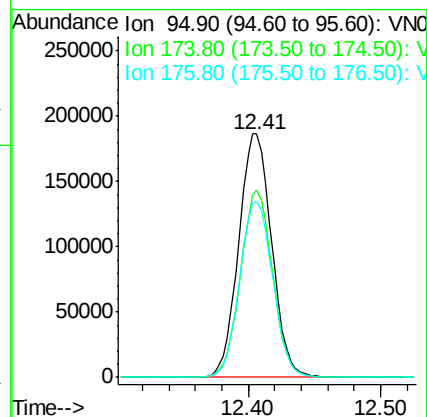
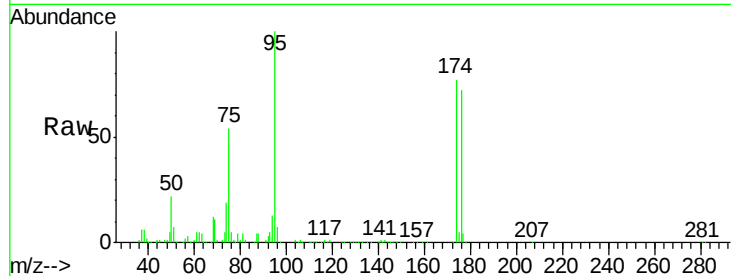
Tot Ion: 95 Resp: 321718

Ion Ratio Lower Upper

95 100

174 75.1 0.0 150.2

176 72.7 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058121.D

Acq: 16 Sep 2019 16:07

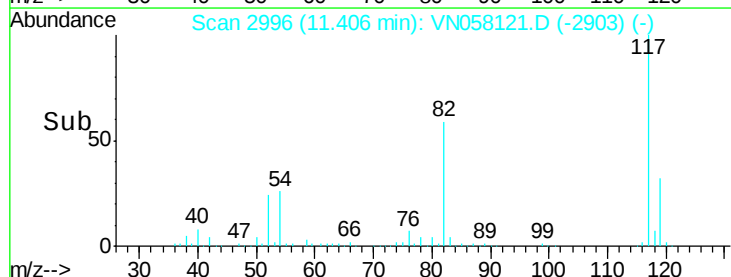
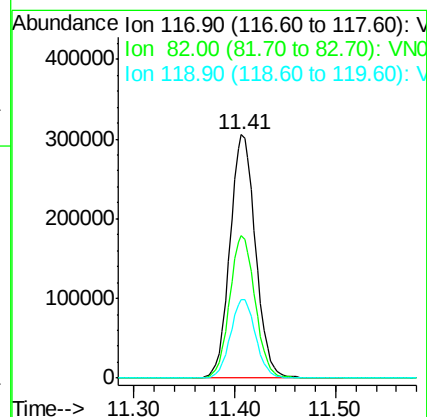
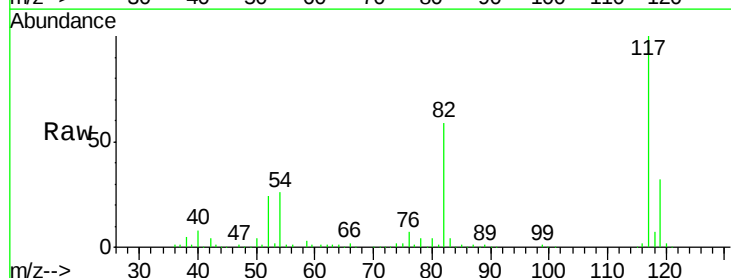
Tgt Ion: 117 Resp: 540507

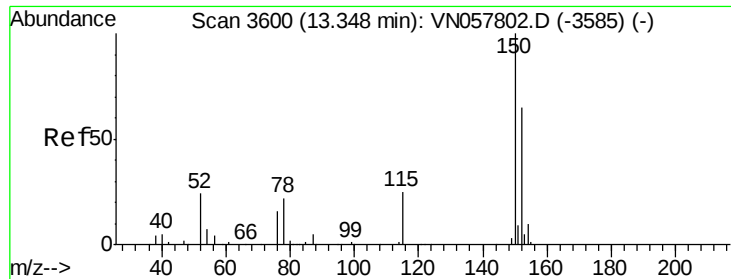
Ion Ratio Lower Upper

117 100

82 58.7 47.2 70.8

119 32.2 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058121.D

Acq: 16 Sep 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

T4-4-(1.5)-HELLGATE

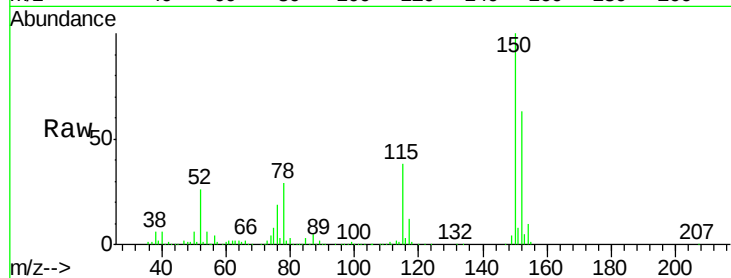
Tot Ion:152 Resp: 286773

Ion Ratio Lower Upper

152 100

115 61.4 30.3 91.0

150 158.3 0.0 352.4



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

