

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091619\
 Data File : VN058120.D
 Acq On : 16 Sep 2019 15:45
 Operator : JC/SP
 Sample : K4719-31
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T4-4(0)-HELLGATE

Quant Time: Sep 17 08:08:50 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

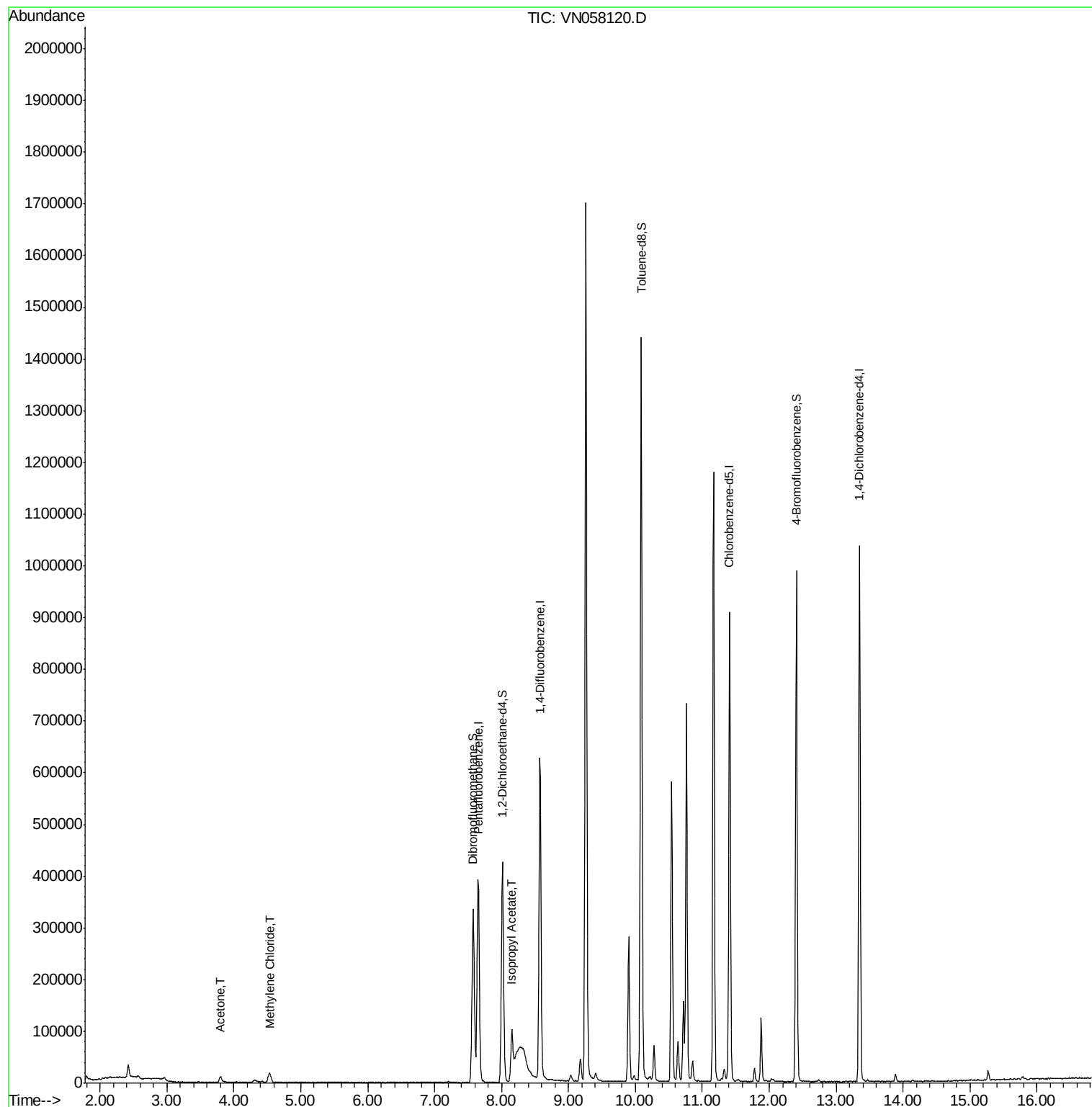
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	312451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	532198	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	491183	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	260895	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	367784	58.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.24%	
35) Dibromofluoromethane	7.58	113	251028	51.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.22%	
50) Toluene-d8	10.09	98	1001313	52.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.00%	
62) 4-Bromofluorobenzene	12.41	95	330811	45.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.04%	
Target Compounds						
16) Acetone	3.80	43	20394	9.830	ug/l	93
20) Methylene Chloride	4.53	84	14470	2.494	ug/l	92
43) Isopropyl Acetate	8.15	43	127036	11.846	ug/l #	87

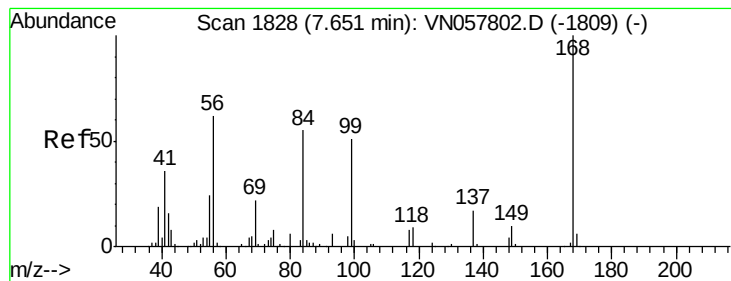
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091619\
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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: VN058120.D

Acq: 16 Sep 2019 15:45

Instrument :

MSVOA_N

ClientSampleId :

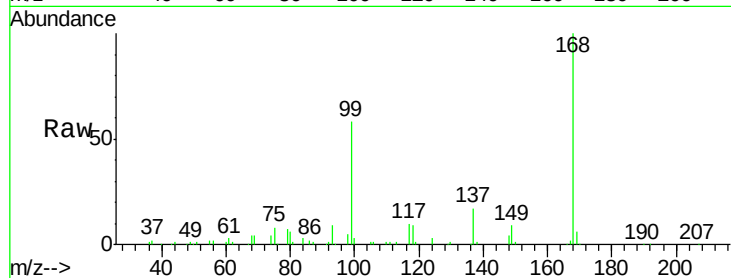
T4-4(0)-HELLGATE

Tot Ion:168 Resp: 312451

Ion Ratio Lower Upper

168 100

99 57.9 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

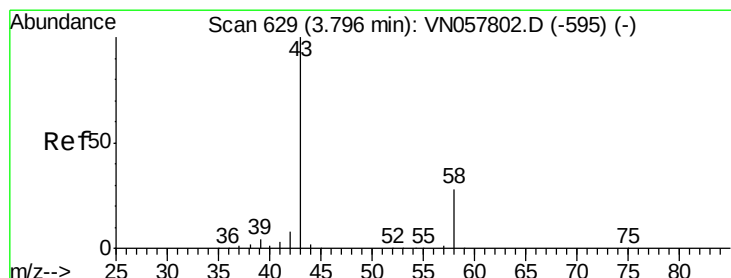
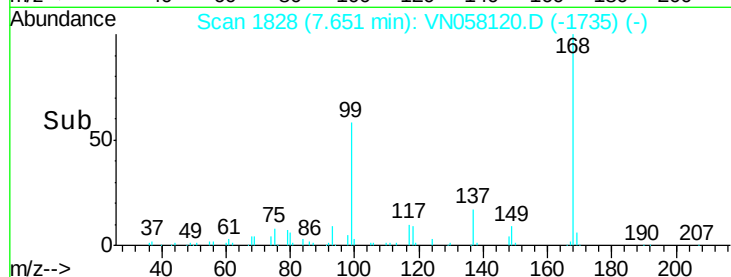
100000

50000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#16

Acetone

Concen: 9.830 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058120.D

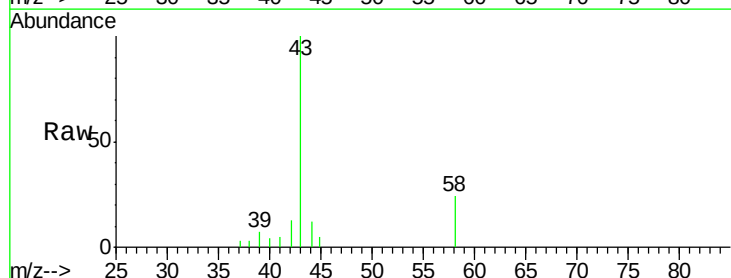
Acq: 16 Sep 2019 15:45

Tgt Ion: 43 Resp: 20394

Ion Ratio Lower Upper

43 100

58 24.3 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

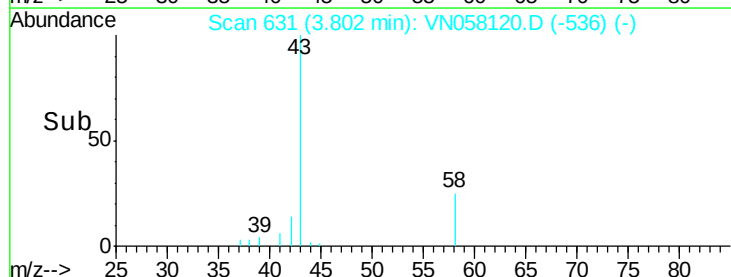
4000

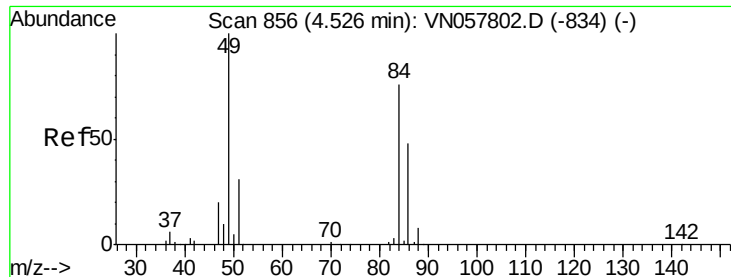
2000

0

3.70 3.80 3.90

Time-->

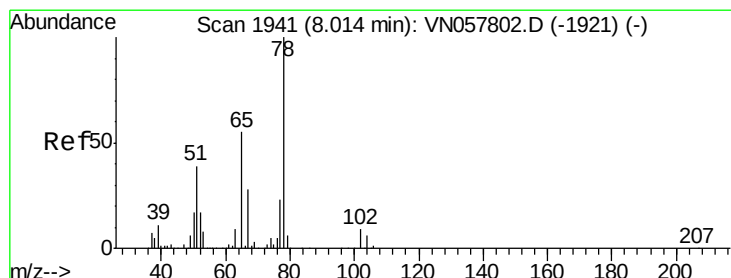
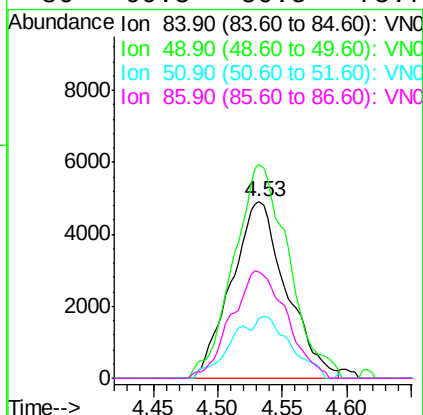
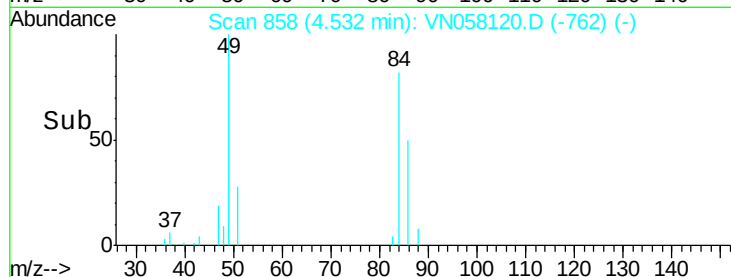
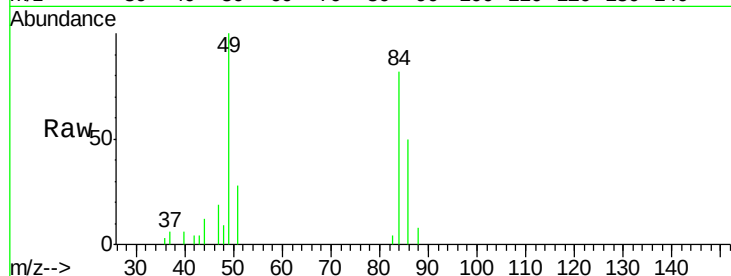




#20
Methylene Chloride
Concen: 2.494 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN058120.D
Acq: 16 Sep 2019 15:45

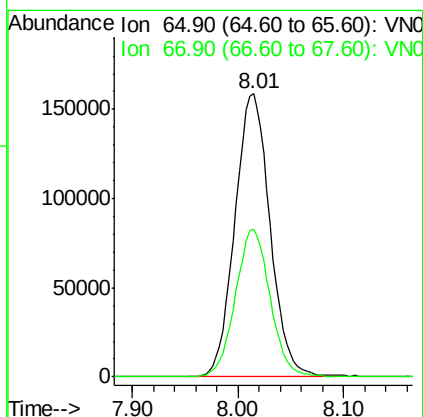
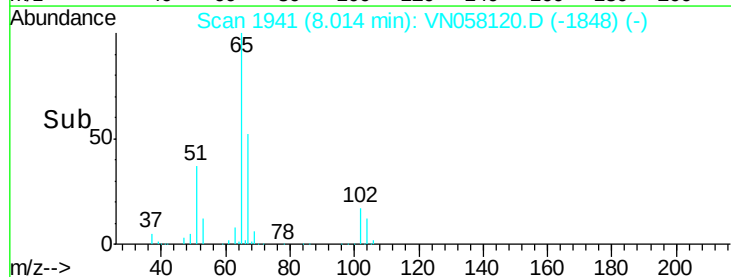
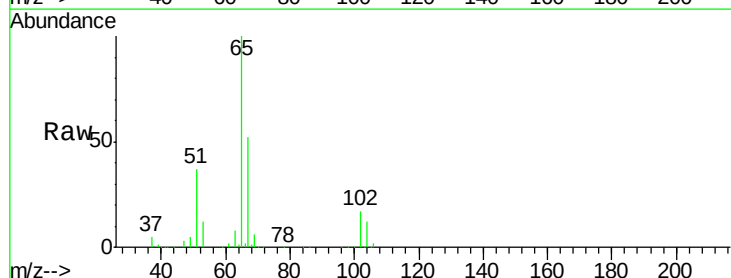
Instrument :
MSVOA_N
ClientSampleId :
T4-4(0)-HELLGATE

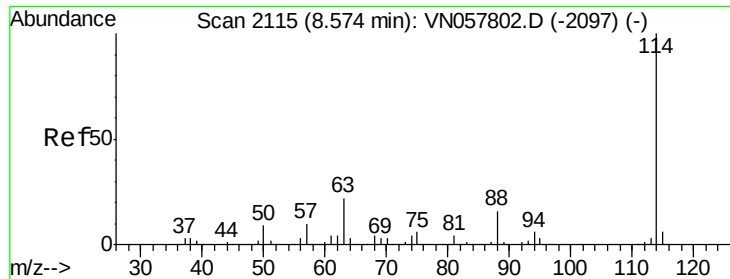
Tot Ion: 84 Resp: 14470
Ion Ratio Lower Upper
84 100
49 121.3 104.8 157.2
51 33.9 33.0 49.4
86 60.5 50.5 75.7



#33
1,2-Dichloroethane-d4
Concen: 58.116 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN058120.D
Acq: 16 Sep 2019 15:45

Tgt Ion: 65 Resp: 367784
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.0

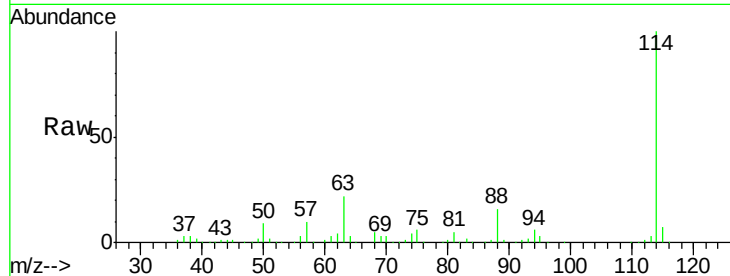




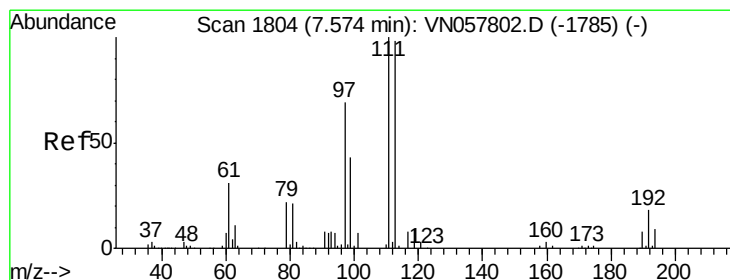
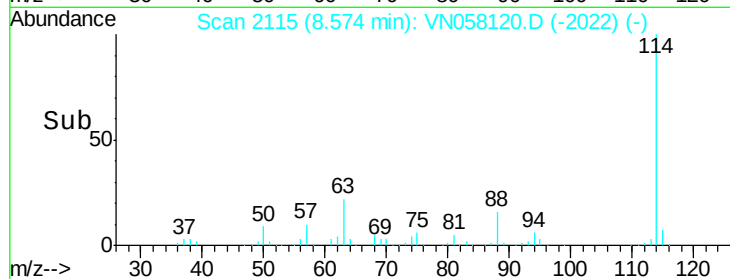
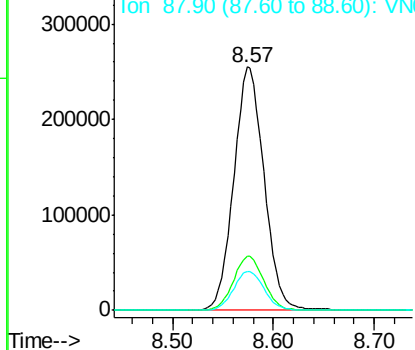
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. 0.00 min
Lab File: VN058120.D
Acq: 16 Sep 2019 15:45

Instrument :
MSVOA_N
ClientSampleId :
T4-4(0)-HELLGATE

Tot Ion:114 Resp: 532198
Ion Ratio Lower Upper
114 100
63 22.0 0.0 44.0
88 16.0 0.0 31.4

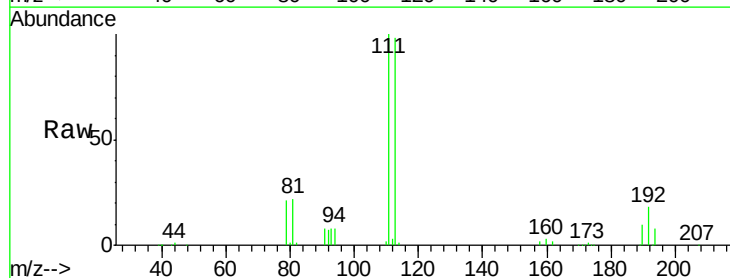


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

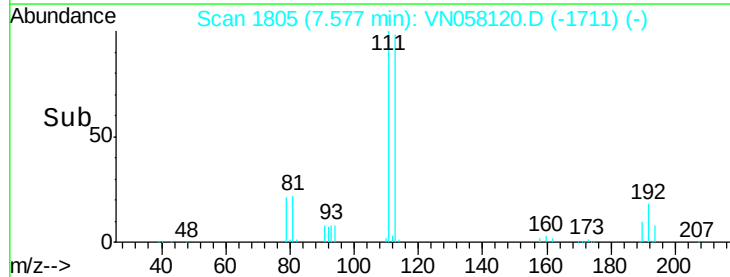
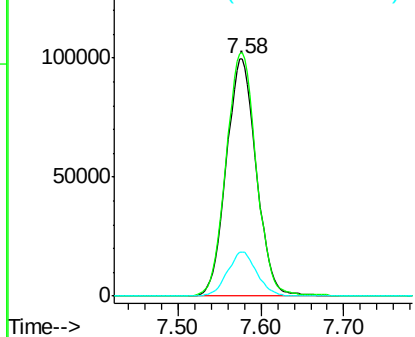


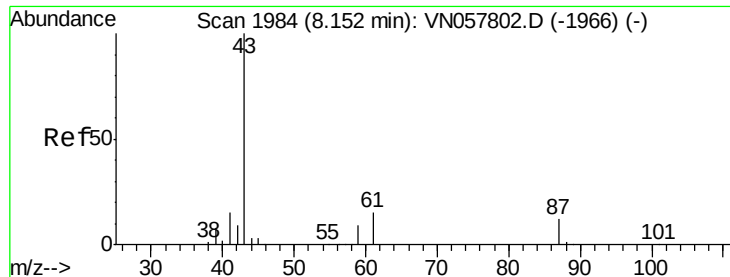
#35
Dibromofluoromethane
Concen: 51.105 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VN058120.D
Acq: 16 Sep 2019 15:45

Tgt Ion:113 Resp: 251028
Ion Ratio Lower Upper
113 100
111 103.1 81.3 121.9
192 18.3 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: 11.846 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN058120.D

Acq: 16 Sep 2019 15:45

Instrument :

MSVOA_N

ClientSampleId :

T4-4(0)-HELLGATE

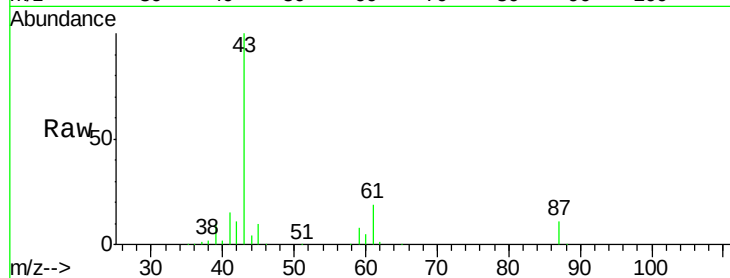
Tot Ion: 43 Resp: 127036

Ion Ratio Lower Upper

43 100

61 16.5 20.1 30.1#

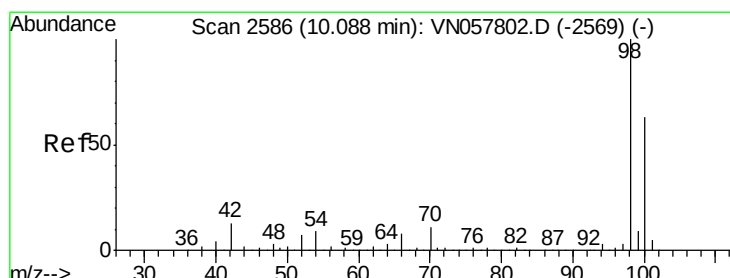
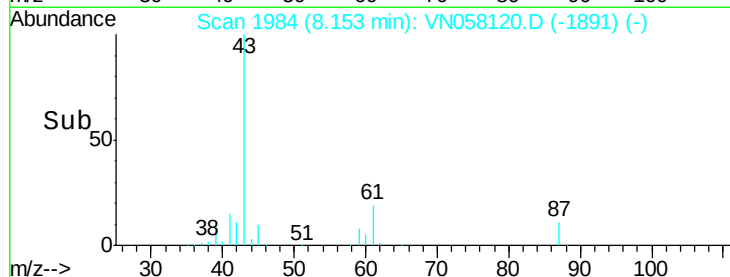
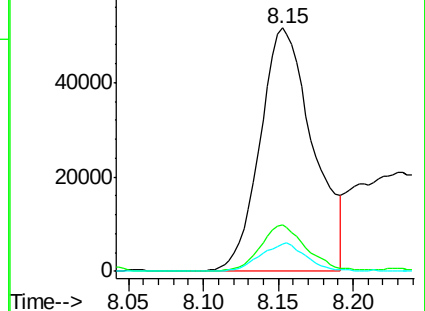
87 10.0 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 52.505 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058120.D

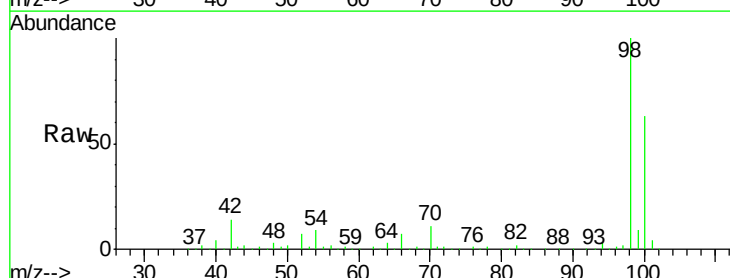
Acq: 16 Sep 2019 15:45

Tgt Ion: 98 Resp: 1001313

Ion Ratio Lower Upper

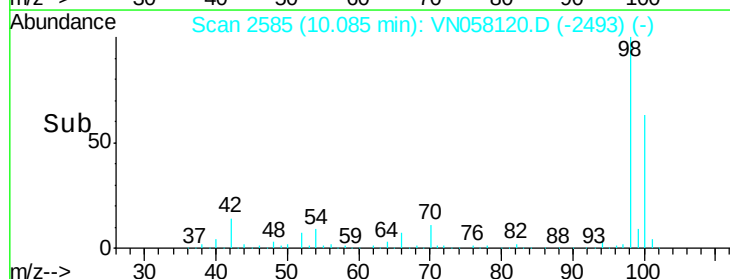
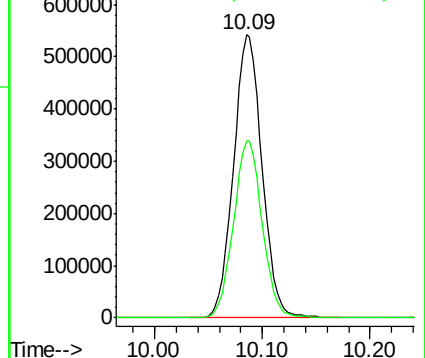
98 100

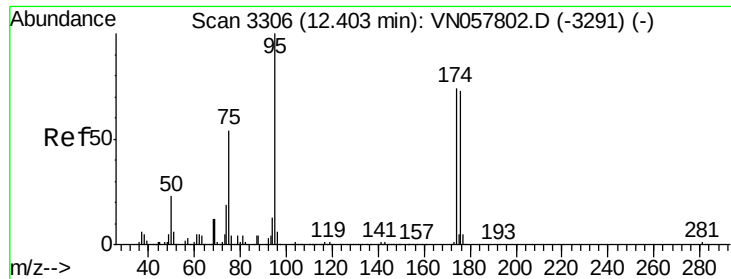
100 63.0 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 45.518 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058120.D

Acq: 16 Sep 2019 15:45

Instrument :

MSVOA_N

ClientSampleId :

T4-4(0)-HELLGATE

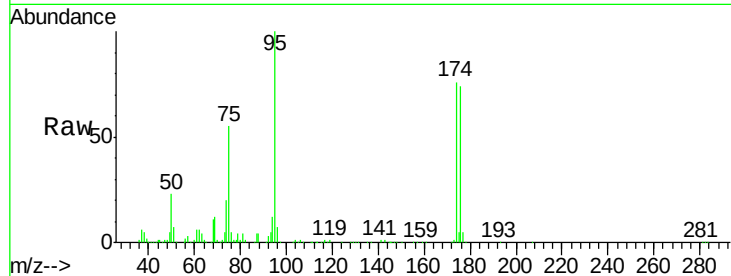
Tot Ion: 95 Resp: 330811

Ion Ratio Lower Upper

95 100

174 76.1 0.0 150.2

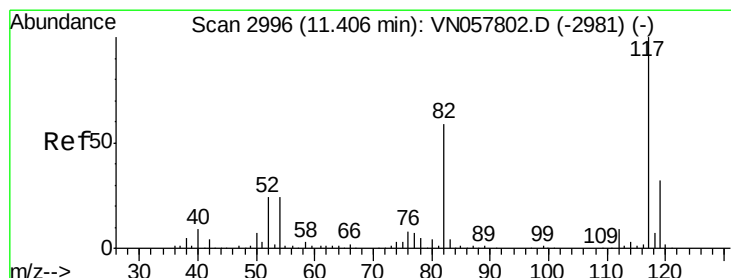
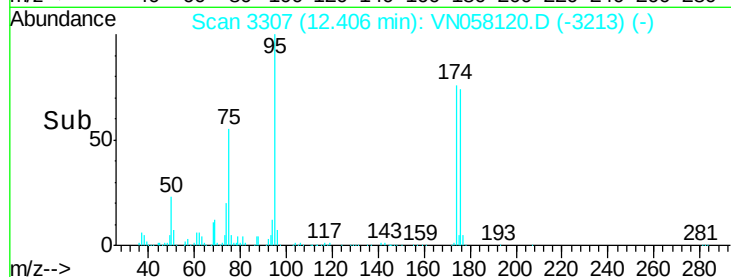
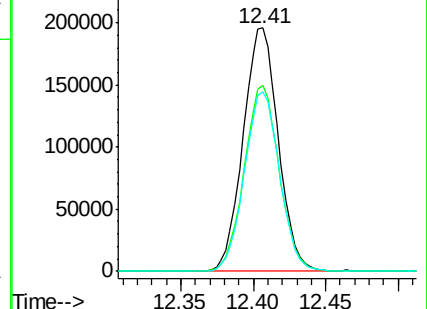
176 73.6 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN058120.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN058120.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN058120.D (-3213) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058120.D

Acq: 16 Sep 2019 15:45

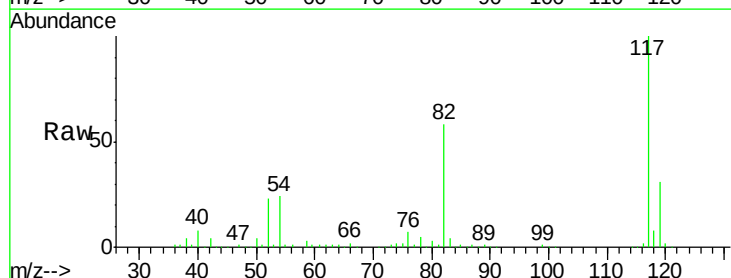
Tgt Ion: 117 Resp: 491183

Ion Ratio Lower Upper

117 100

82 57.6 47.2 70.8

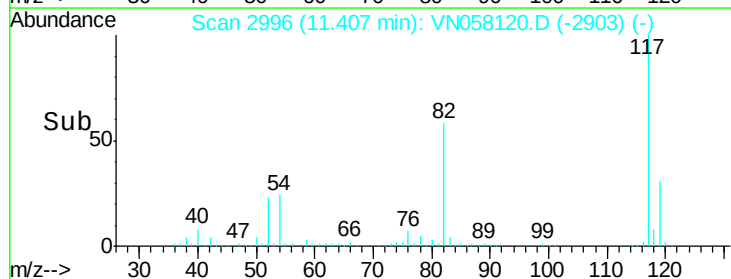
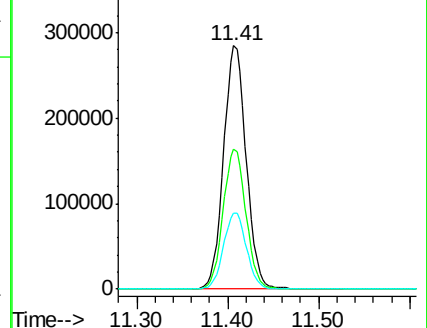
119 31.1 25.3 37.9

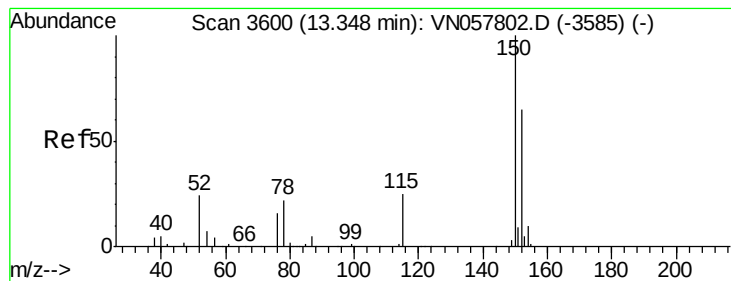


Abundance Ion 116.90 (116.60 to 117.60): VN058120.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN058120.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN058120.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058120.D

Acq: 16 Sep 2019 15:45

Instrument :

MSVOA_N

ClientSampleId :

T4-4(0)-HELLGATE

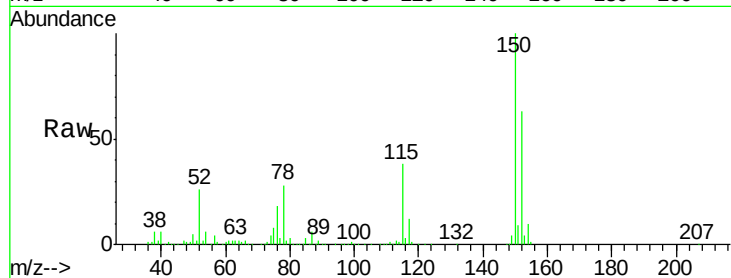
Tot Ion:152 Resp: 260895

Ion Ratio Lower Upper

152 100

115 60.7 30.3 91.0

150 155.9 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

