

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091119\
 Data File : VN057898.D
 Acq On : 11 Sep 2019 5:10
 Operator : JC/SP
 Sample : K4820-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GW200A-B4-13.0-18.0-091019

Quant Time: Sep 11 05:40:47 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

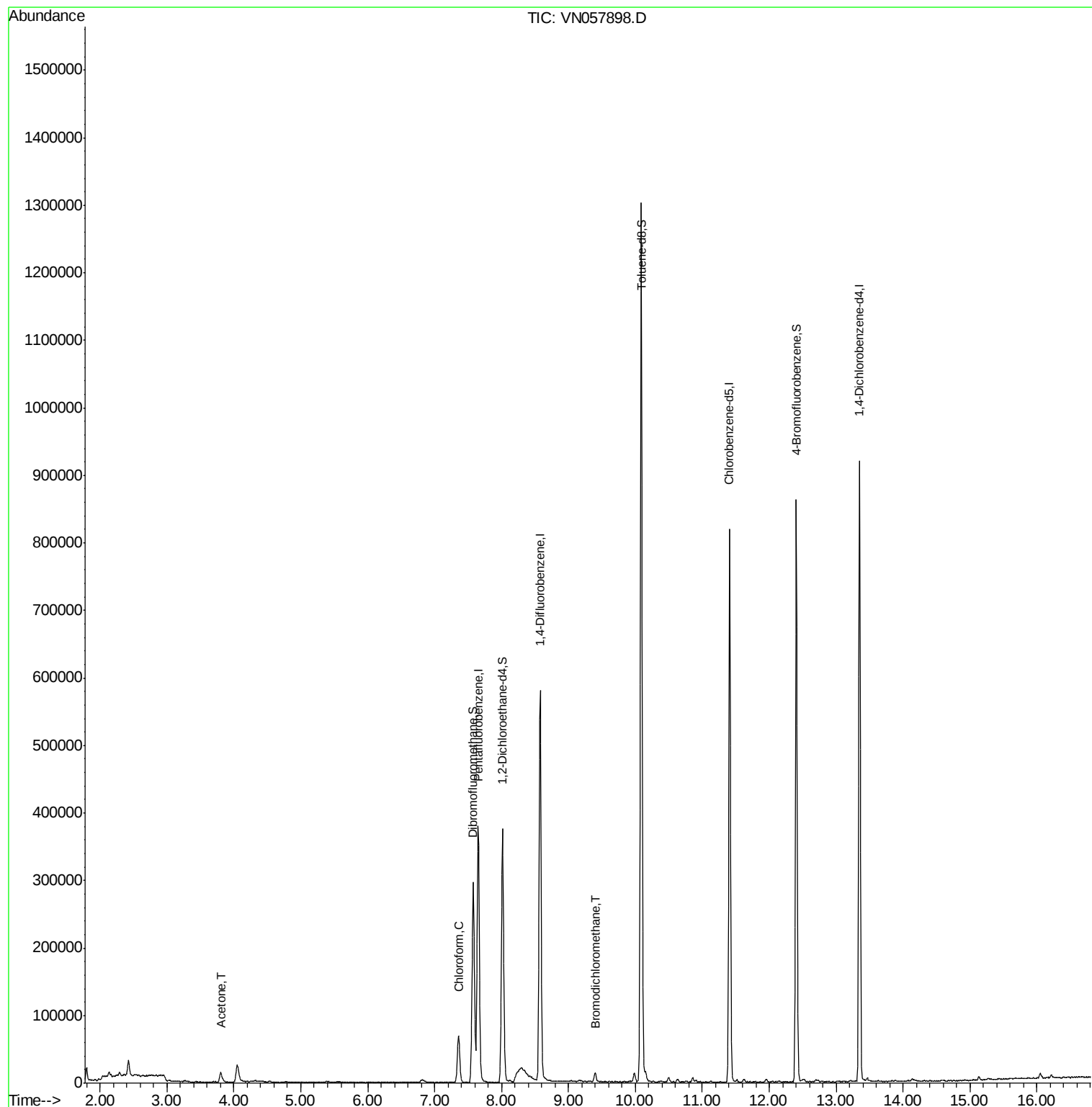
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	295846	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	502225	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	448852	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	231819	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	321660	53.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.36%	
35) Dibromofluoromethane	7.58	113	220903	47.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.32%	
50) Toluene-d8	10.09	98	896952	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.68%	
62) 4-Bromofluorobenzene	12.41	95	291536	42.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.02%	
Target Compounds						
16) Acetone	3.80	43	24401	12.422	ug/l	Qvalue 100
30) Chloroform	7.36	83	69487	8.411	ug/l	98
47) Bromodichloromethane	9.40	83	9293	1.509	ug/l #	99

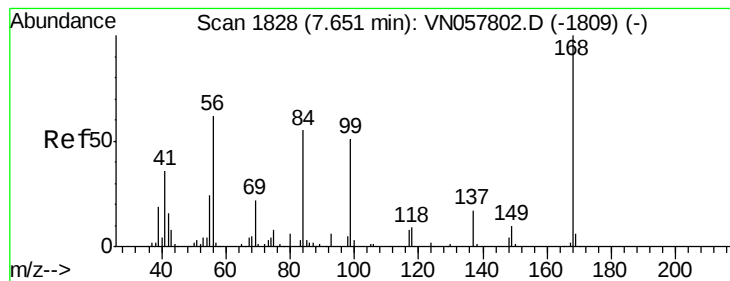
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091119\
Data File : VN057898.D
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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: VN057898.D

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Instrument :

MSVOA_N

ClientSampleId :

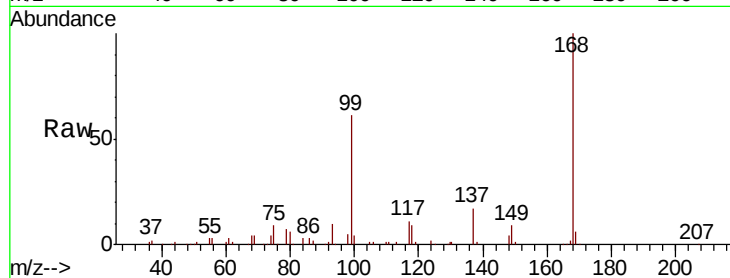
GW200A-B4-13.0-18.0-091019

Tot Ion:168 Resp: 295846

Ion Ratio Lower Upper

168 100

99 61.1 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

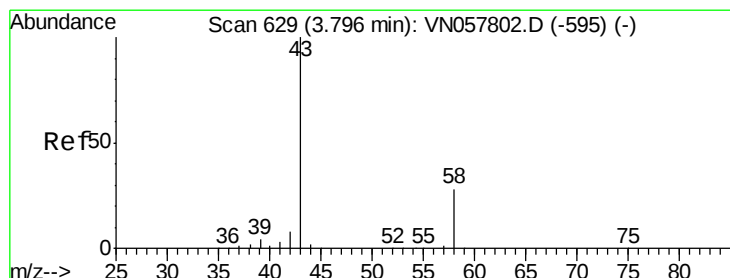
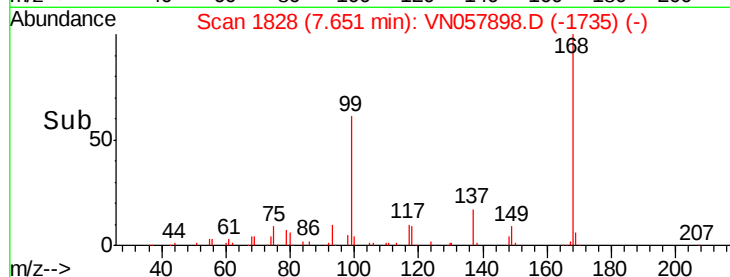
100000

50000

0

7.50 7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 12.422 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN057898.D

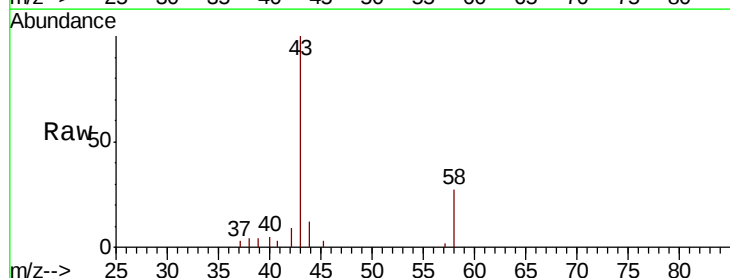
Acq: 11 Sep 2019 5:10

Tgt Ion: 43 Resp: 24401

Ion Ratio Lower Upper

43 100

58 27.9 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

10000

8000

6000

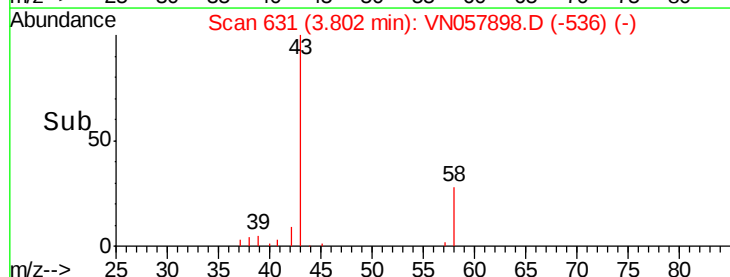
4000

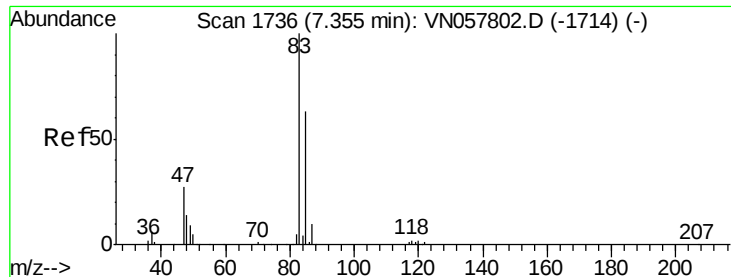
2000

0

3.70 3.80 3.90

Time-->

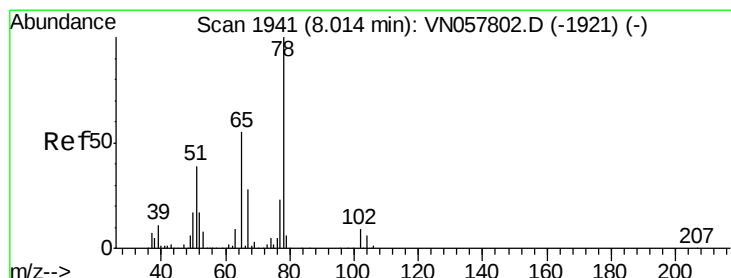
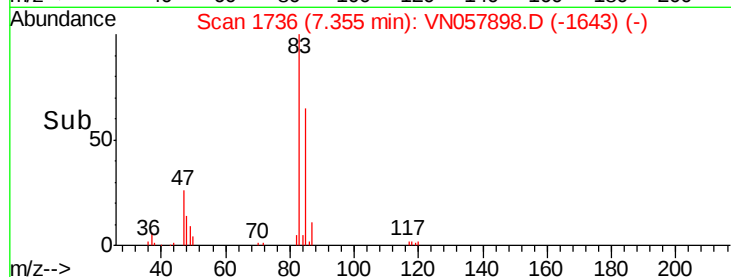
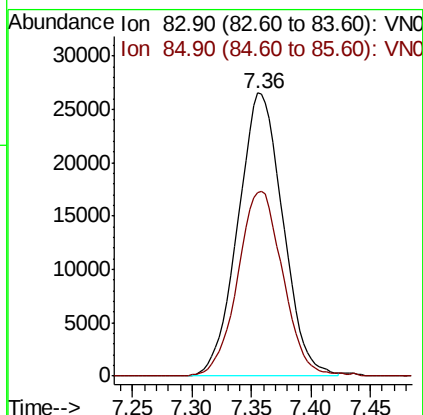
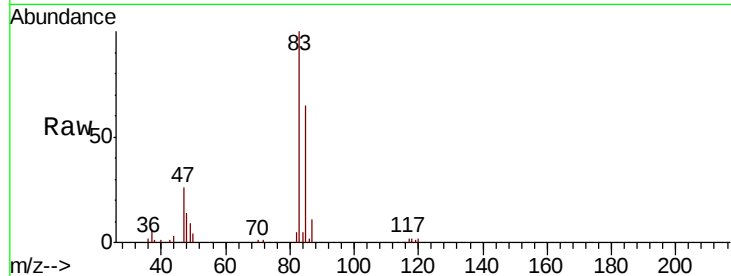




#30
Chloroform
Concen: 8.411 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VN057898.D
Acq: 11 Sep 2019 5:10

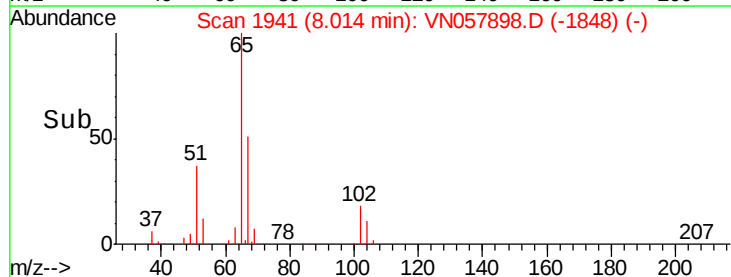
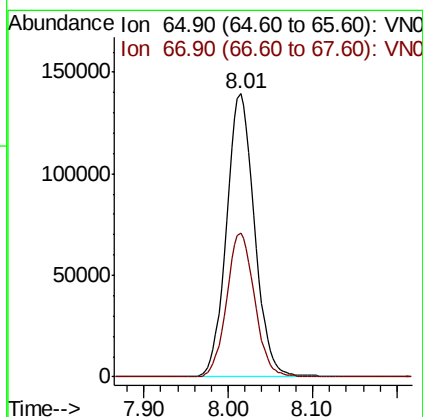
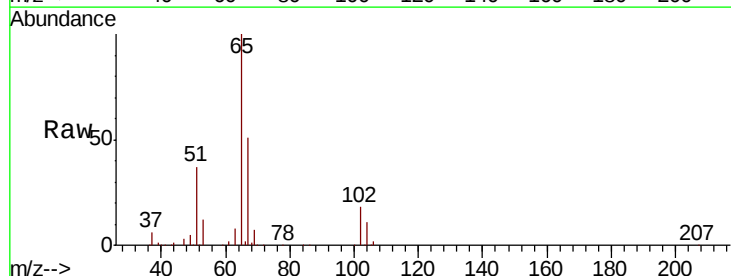
Instrument :
MSVOA_N
ClientSampleId :
GW200A-B4-13.0-18.0-091019

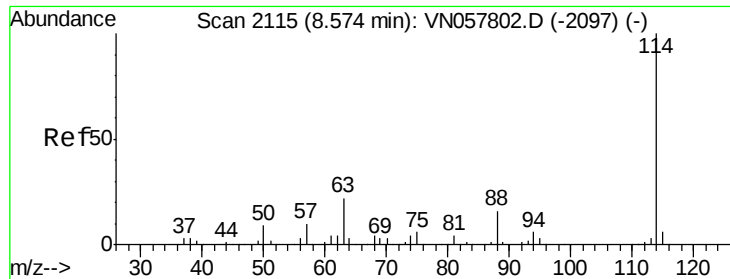
Tot Ion: 83 Resp: 69487
Ion Ratio Lower Upper
83 100
85 64.9 50.6 75.8



#33
1,2-Dichloroethane-d4
Concen: 53.680 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN057898.D
Acq: 11 Sep 2019 5:10

Tgt Ion: 65 Resp: 321660
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.0

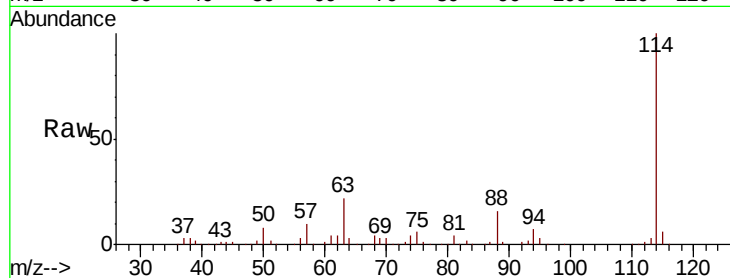




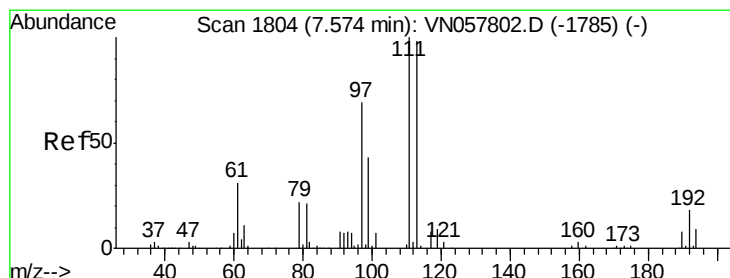
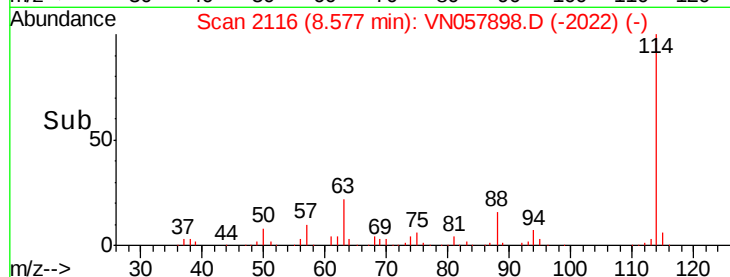
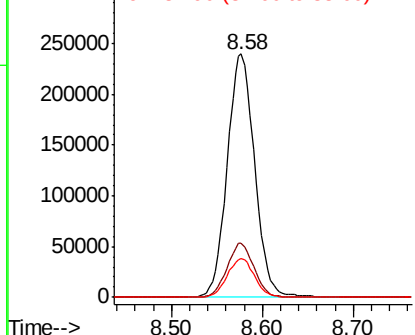
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057898.D
 Acq: 11 Sep 2019 5:10

Instrument :
 MSVOA_N
 ClientSampleId :
 GW200A-B4-13.0-18.0-091019

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	44.0
88	15.9	0.0	31.4

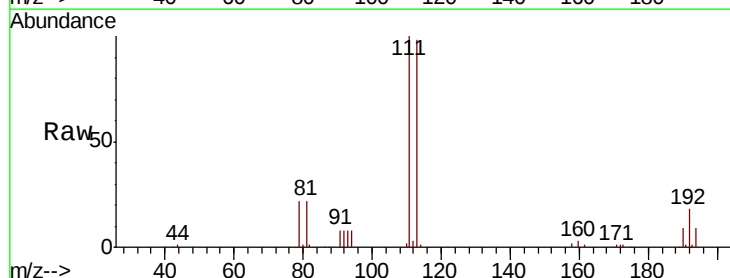


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

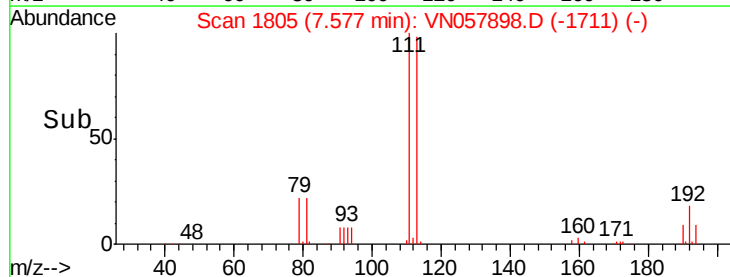
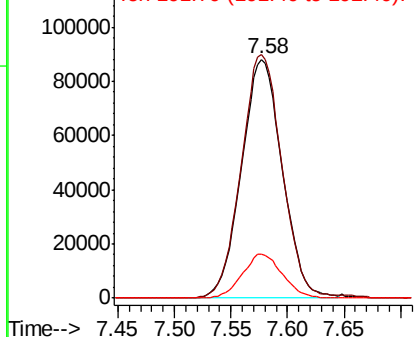


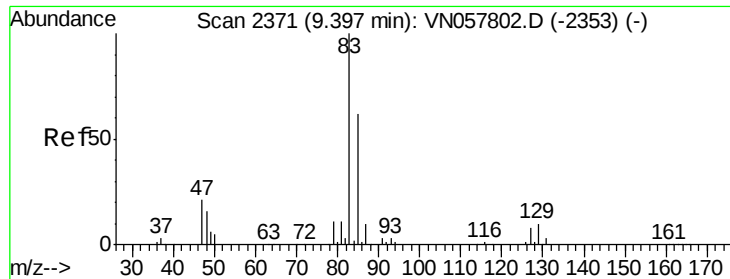
#35
 Dibromofluoromethane
 Concen: 47.656 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057898.D
 Acq: 11 Sep 2019 5:10

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	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





#47

Bromodichloromethane

Concen: 1.509 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. 0.00 min

Lab File: VN057898.D

Acq: 11 Sep 2019 5:10

Instrument :

MSVOA_N

ClientSampleId :

GW200A-B4-13.0-18.0-091019

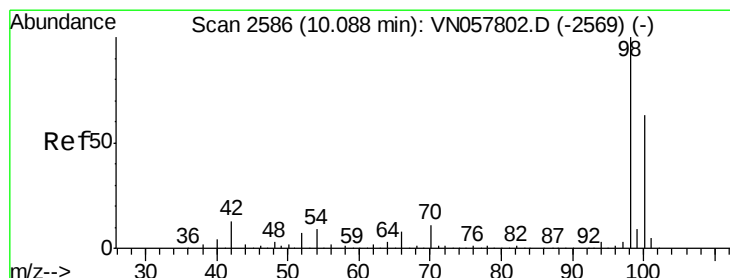
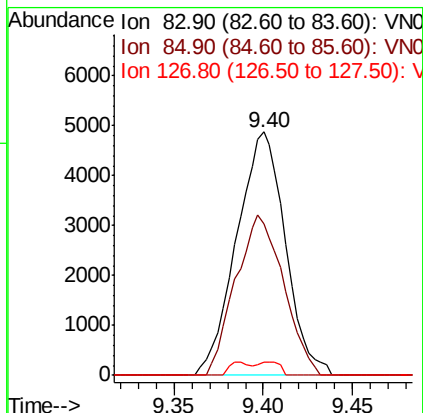
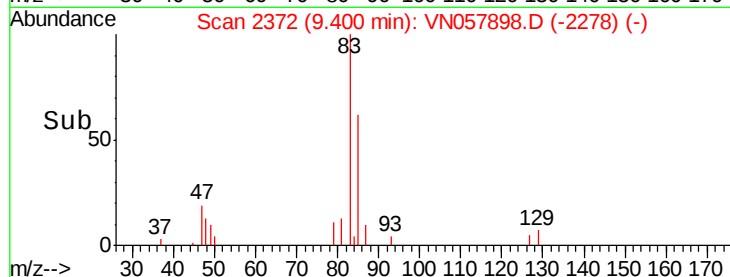
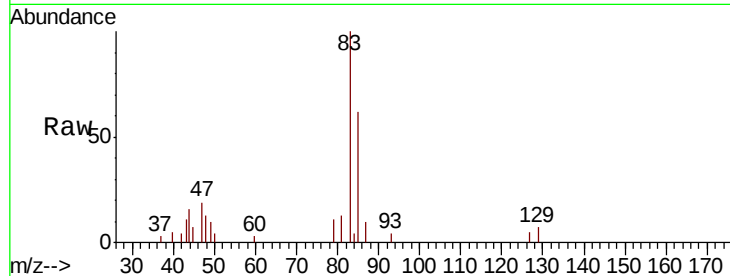
Tot Ion: 83 Resp: 9293

Ion Ratio Lower Upper

83 100

85 62.4 49.9 74.9

127 5.4 6.5 9.7#



#50

Toluene-d8

Concen: 49.839 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057898.D

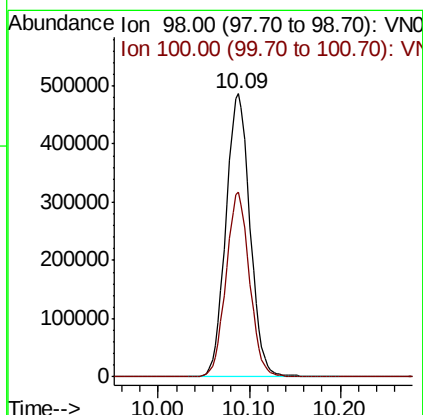
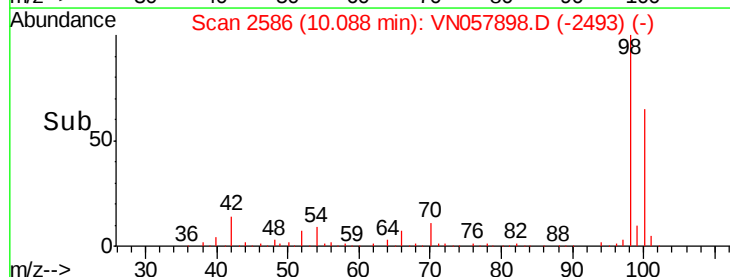
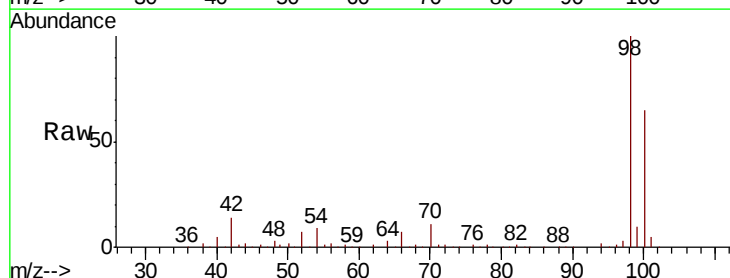
Acq: 11 Sep 2019 5:10

Tgt Ion: 98 Resp: 896952

Ion Ratio Lower Upper

98 100

100 63.5 50.3 75.5





#62

4-Bromofluorobenzene

Concen: 42.508 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN057898.D

Acq: 11 Sep 2019 5:10

Instrument :

MSVOA_N

ClientSampleId :

GW200A-B4-13.0-18.0-091019

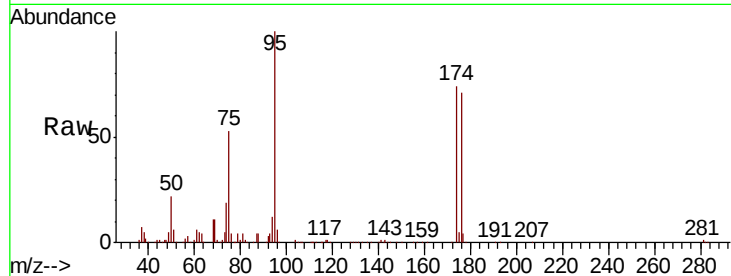
Tot Ion: 95 Resp: 291536

Ion Ratio Lower Upper

95 100

174 75.3 0.0 150.2

176 72.0 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN057802.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN057802.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN057802.D (-3291) (-)

12.41

200000

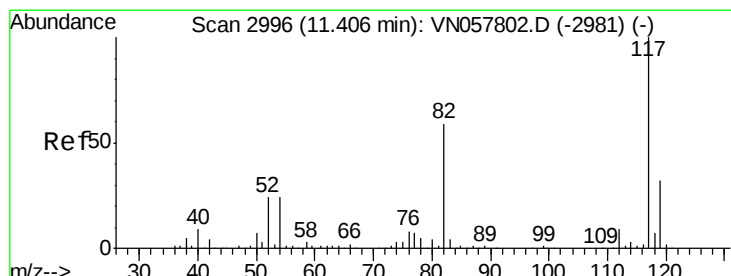
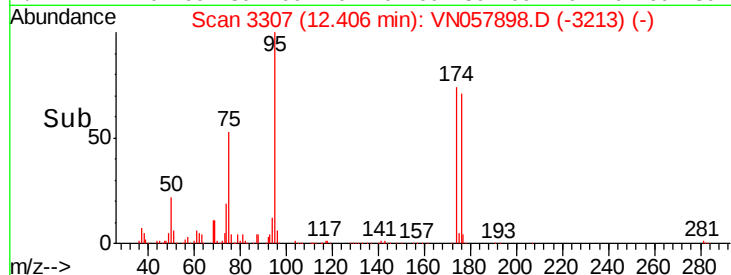
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057898.D

Acq: 11 Sep 2019 5:10

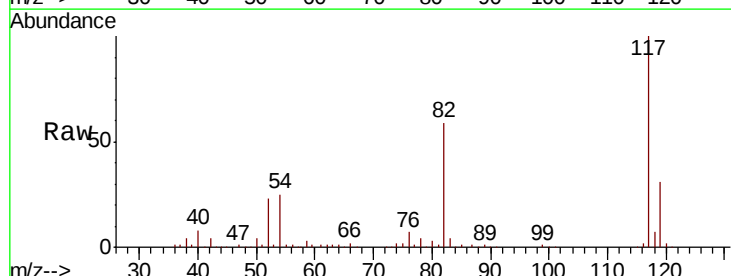
Tgt Ion: 117 Resp: 448852

Ion Ratio Lower Upper

117 100

82 59.3 47.2 70.8

119 31.2 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): VN057802.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN057802.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN057802.D (-2981) (-)

11.41

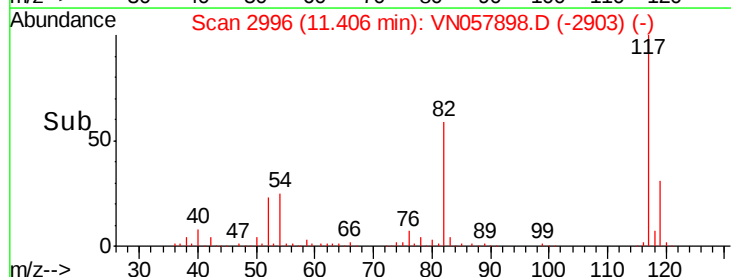
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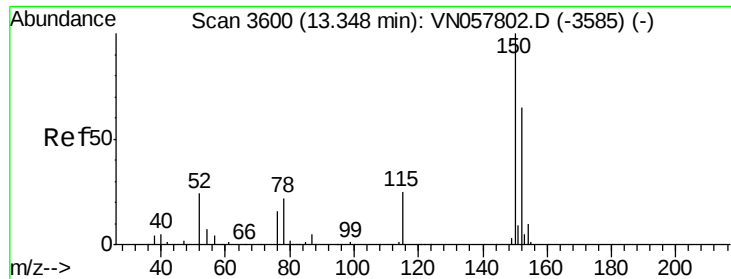
200000

100000

0

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057898.D

Acq: 11 Sep 2019 5:10

Instrument :

MSVOA_N

ClientSampleId :

GW200A-B4-13.0-18.0-091019

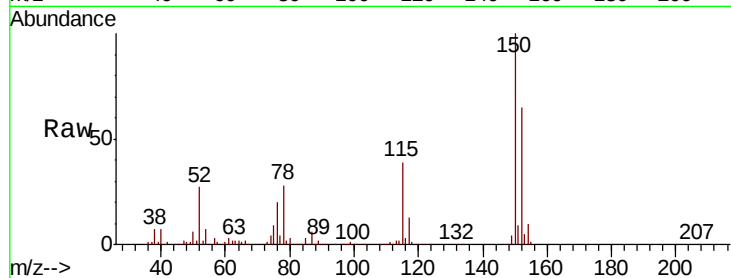
Tot Ion:152 Resp: 231819

Ion Ratio Lower Upper

152 100

115 60.2 30.3 91.0

150 156.2 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

