

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041720\
 Data File : VN061058.D
 Acq On : 17 Apr 2020 18:02
 Operator : JC/MD
 Sample : L2337-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB180-GW-458-460

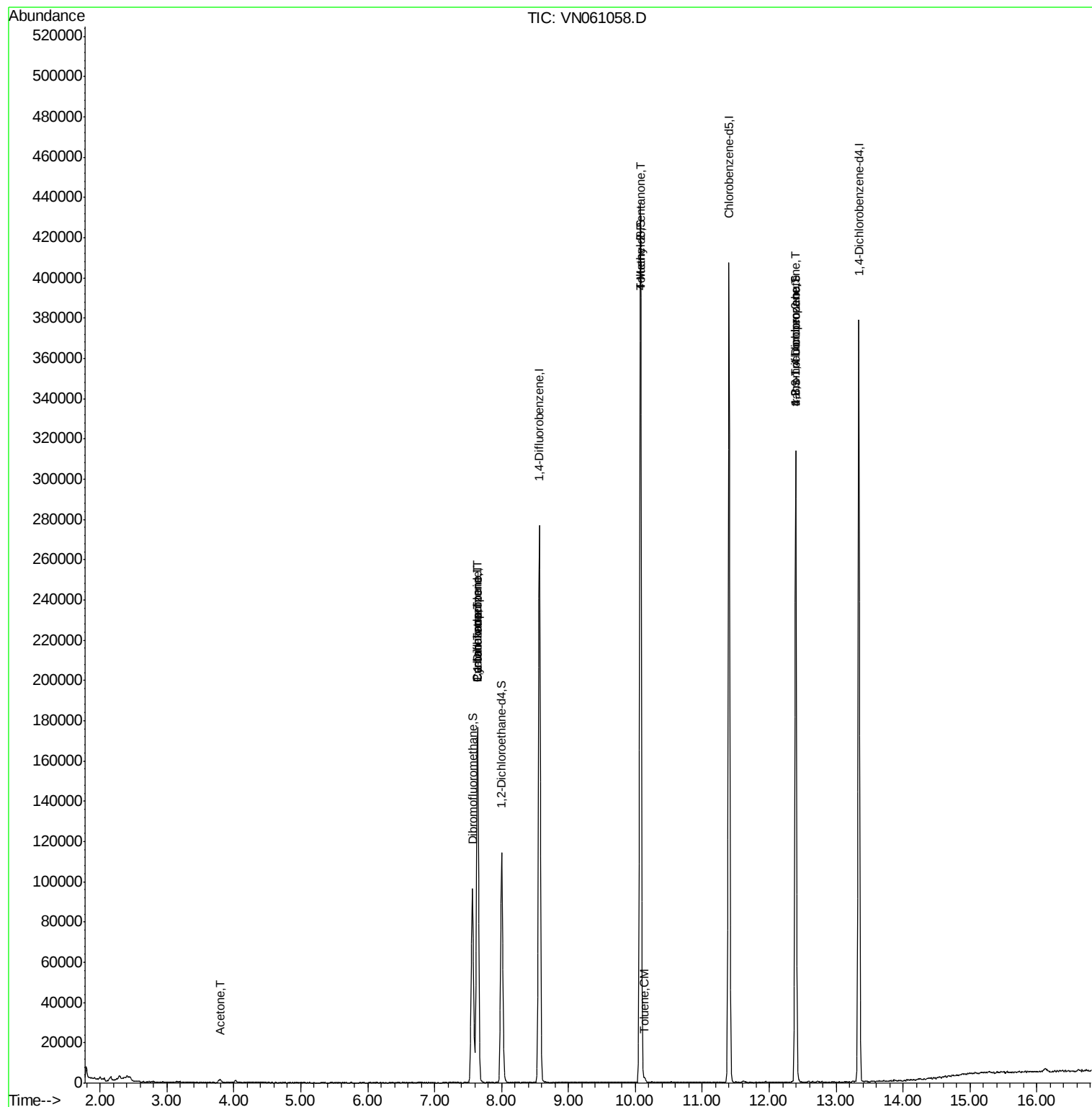
Quant Time: Apr 20 01:33:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 17 03:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	141427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	242942	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	227273	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	98265	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	97438	53.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.70%	
35) Dibromofluoromethane	7.56	113	73764	51.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.98%	
50) Toluene-d8	10.08	98	299640	55.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.78%	
62) 4-Bromofluorobenzene	12.40	95	111052	52.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.70%	
Target Compounds						
					Qvalue	
16) Acetone	3.79	43	3022	3.794	ug/l	99
31) Cyclohexane	7.64	56	3010	0.893	ug/l #	1
36) 1,1-Dichloropropene	7.64					

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN061058.D

Acq: 17 Apr 2020 18:02

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ClientSampleId :

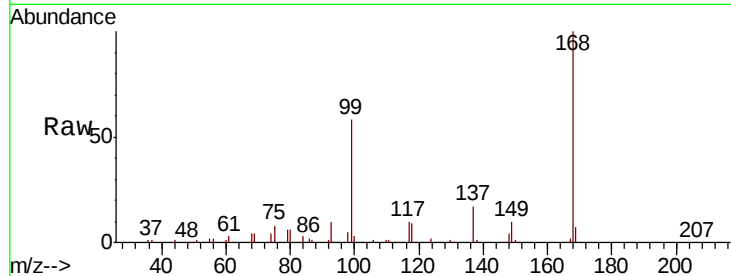
BP-VPB180-GW-458-460

Tot Ion:168 Resp: 141427

Ion Ratio Lower Upper

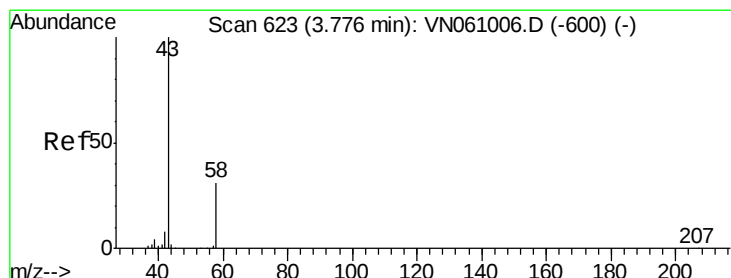
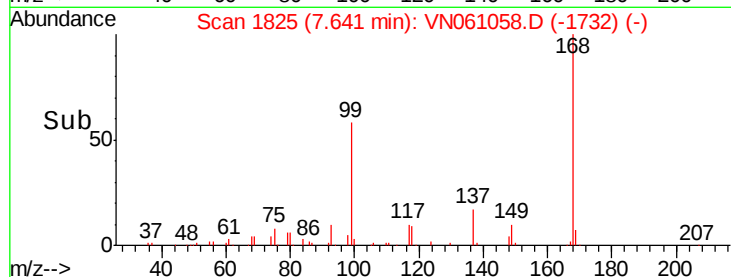
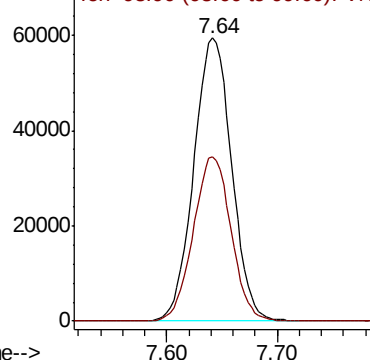
168 100

99 58.0 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

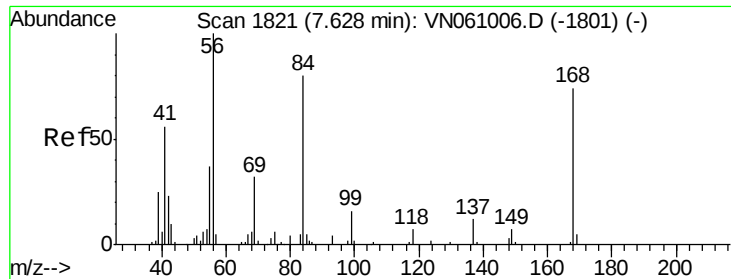
Acetone

Concen: 3.794 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.02 min

Lab File: VN



#31

Cyclohexane

Concen: 0.893 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.01 min

Lab File: VN061058.D

Acq: 17 Apr 2020 18:02

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB180-GW-458-460

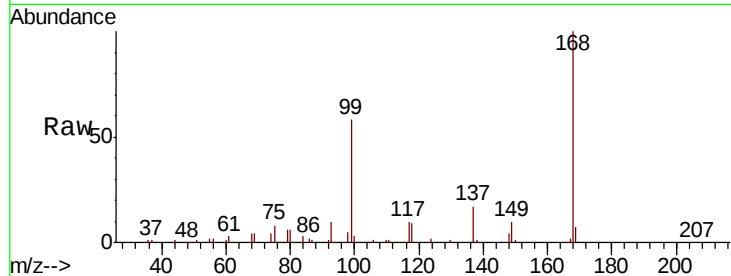
Tot Ion: 56 Resp: 3010

Ion Ratio Lower Upper

56 100

69 180.4 25.6 38.4#

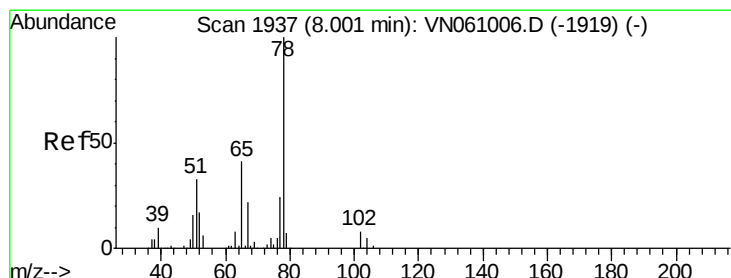
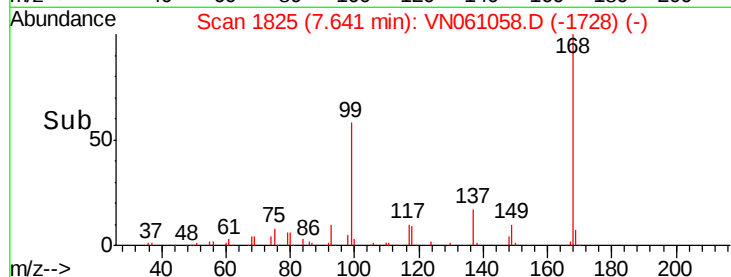
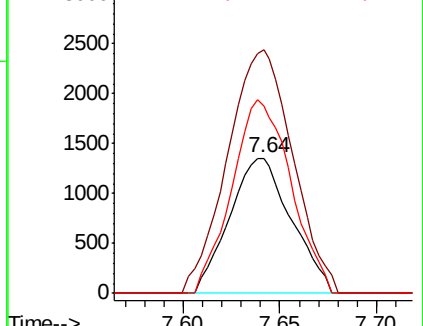
84 139.1 63.4 95.2#



Abundance Ion 56.00 (55.70 to 56.70): VN061006.D (-1801) (-)

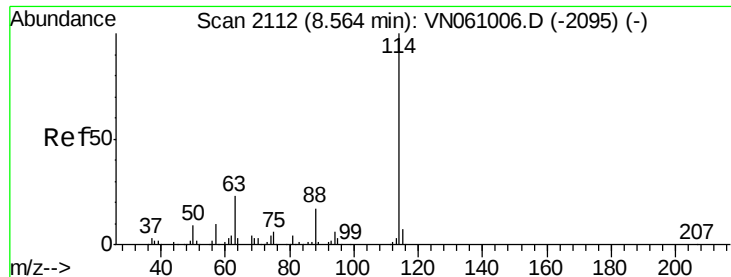
Ion 69.00 (68.70 to 69.70): VN061006.D (-1801) (-)

Ion 84.00 (83.70 to 84.70): VN061006.D (-1801) (-)



#33

1,2-Dichloroethane-d4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VN061058.D

Acq: 17 Apr 2020 18:02

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB180-GW-458-460

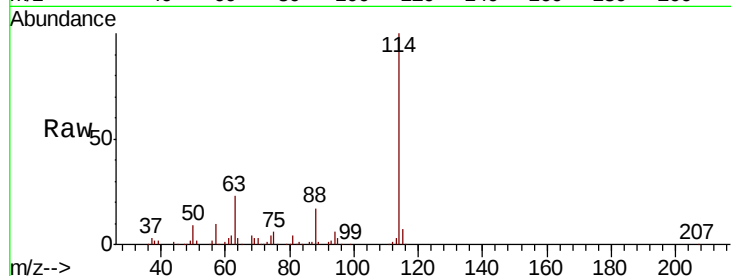
Tot Ion:114 Resp: 242942

Ion Ratio Lower Upper

114 100

63 22.8 0.0 46.2

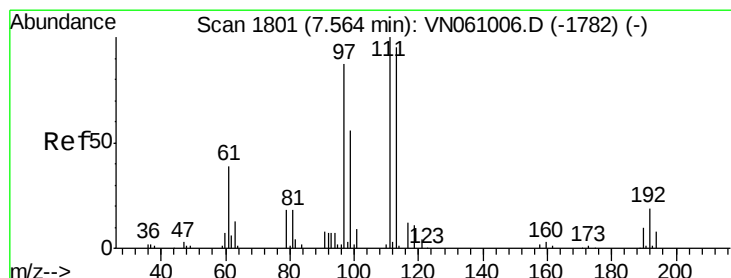
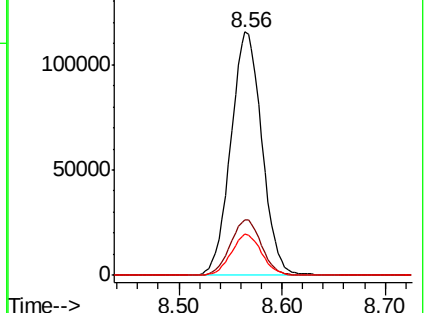
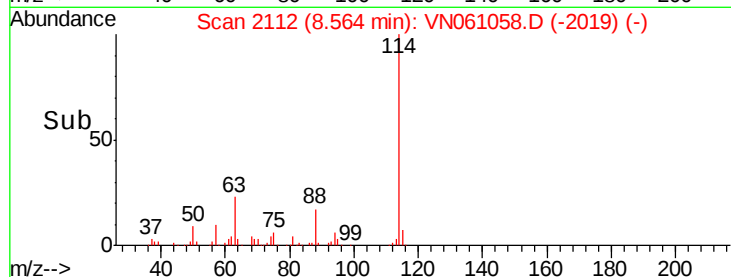
88 16.8 0.0 33.4

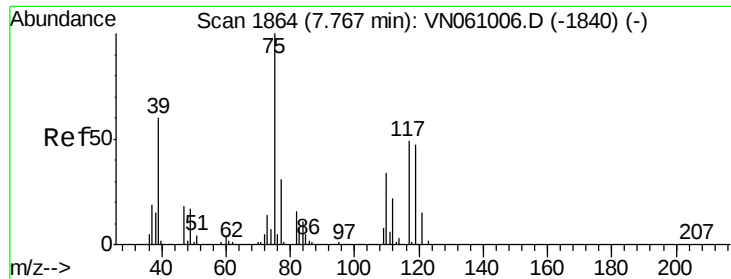


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN





#36

1,1-Dichloropropene

Concen: 4.507 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.13 min

Lab File: VN061058.D

Acq: 17 Apr 2020 18:02

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB180-GW-458-460

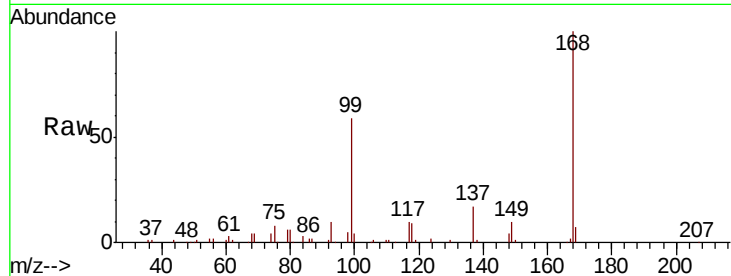
Tot Ion: 75 Resp: 11300

Ion Ratio Lower Upper

75 100

110 8.1 16.8 50.3#

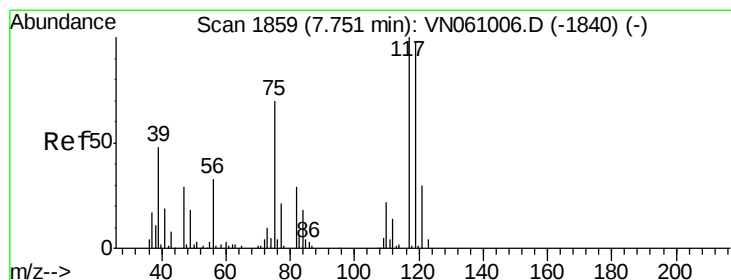
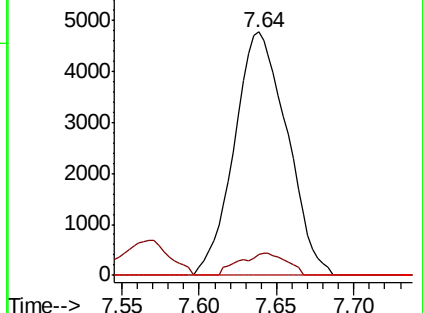
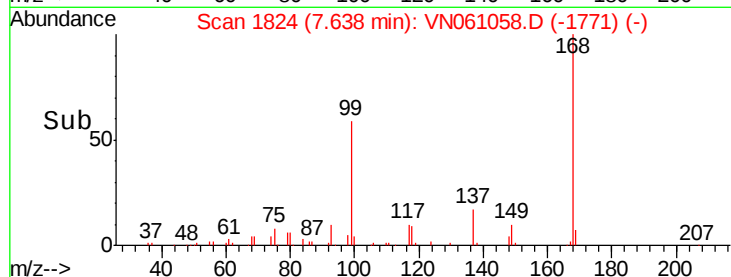
77 0.0 24.7 37.1#



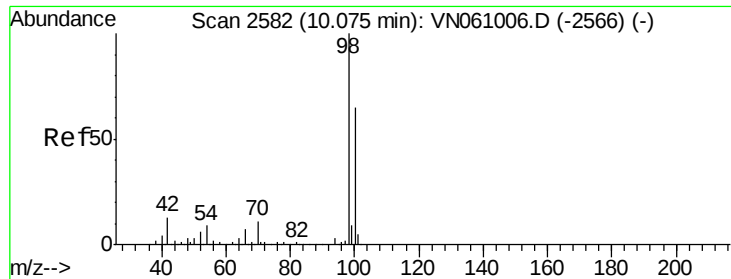
Abundance Ion 74.90 (74.60 to 75.60): VN061006.D (-1840) (-)

Ion 109.90 (109.60 to 110.60): VN061006.D (-1840) (-)

Ion 76.90 (76.60 to 77.60): VN061006.D (-1840) (-)



#3



#50

Toluene-d8

Concen: 55.891 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.00 min

Lab File: VN061058.D

Acq: 17 Apr 2020 18:02

Instrument :

MSVOA_N

ClientSampleId :

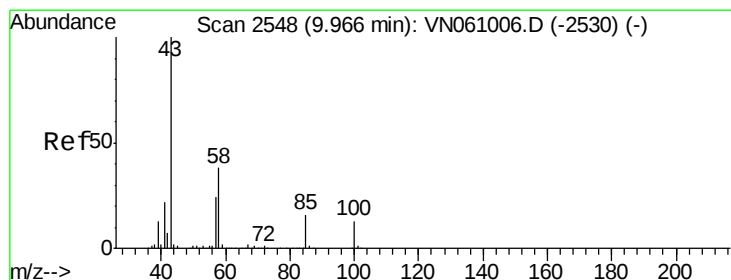
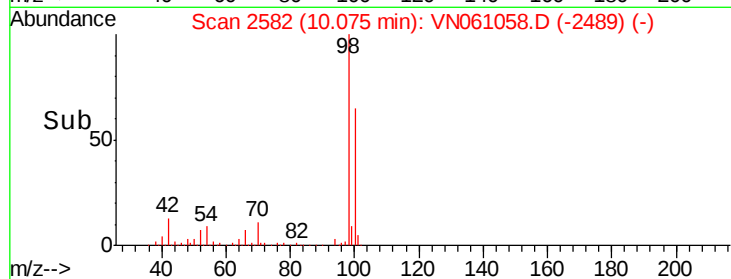
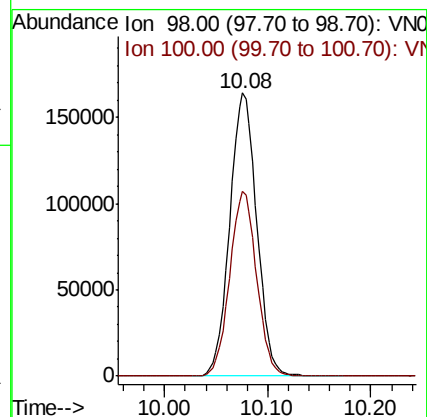
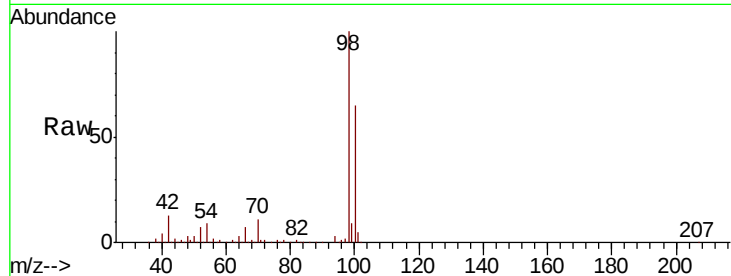
BP-VPB180-GW-458-460

Tot Ion: 98 Resp: 299640

Ion Ratio Lower Upper

98 100

100 64.9 51.9 77.9



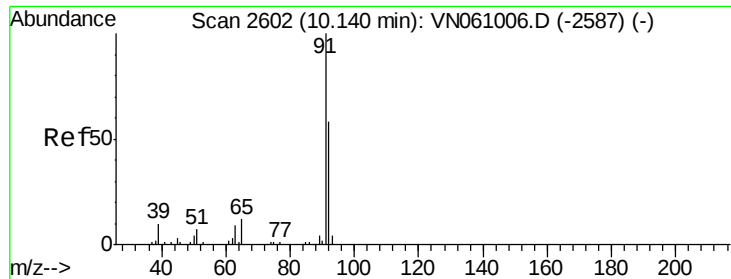
#51

4-Methyl-2-Pentanone

Concen: 0.549 ug/l

RT: 10.08 min Scan# 2583

Delta



#52

Toluene

Concen: 0.218 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN061058.D

Acq: 17 Apr 2020 18:02

Instrument :

MSVOA_N

ClientSampleId :

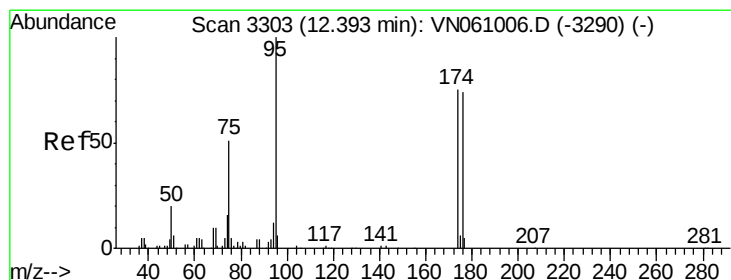
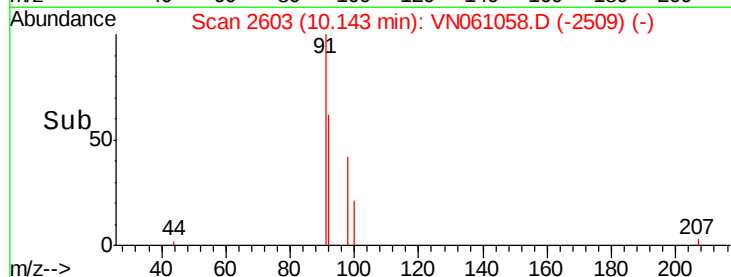
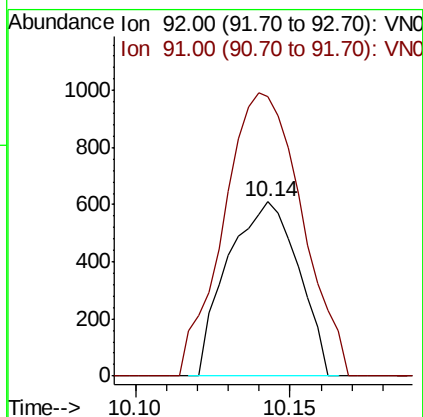
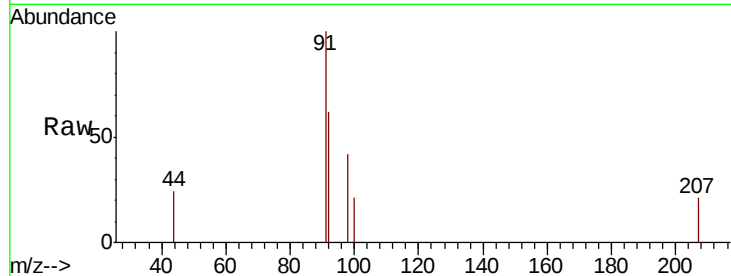
BP-VPB180-GW-458-460

Tot Ion: 92 Resp: 972

Ion Ratio Lower Upper

92 100

91 179.0 137.7 206.5



#62

4-Bromofluorobenzene

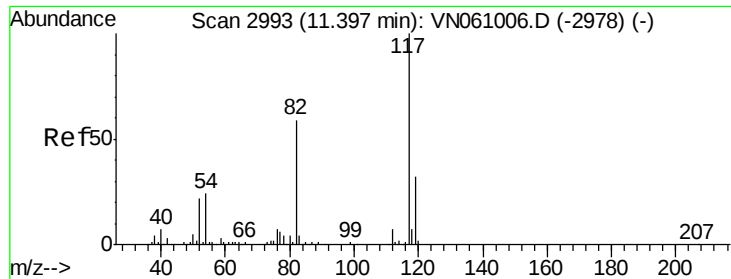
Concen: 52.852 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN061058.D

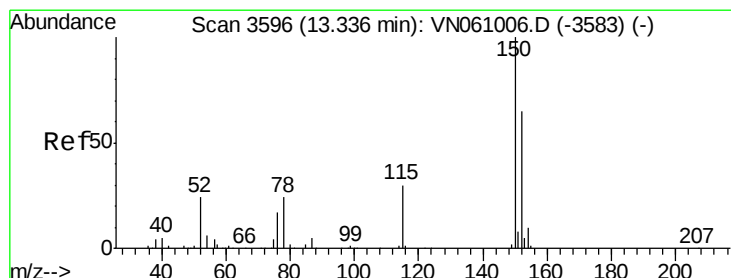
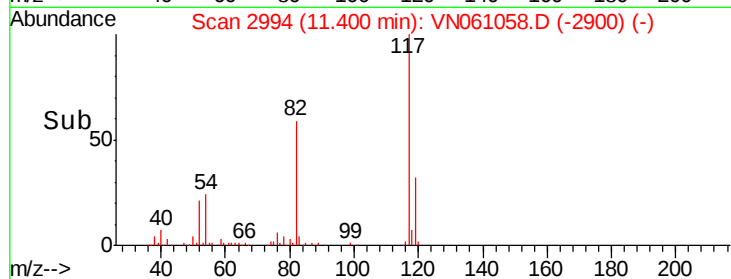
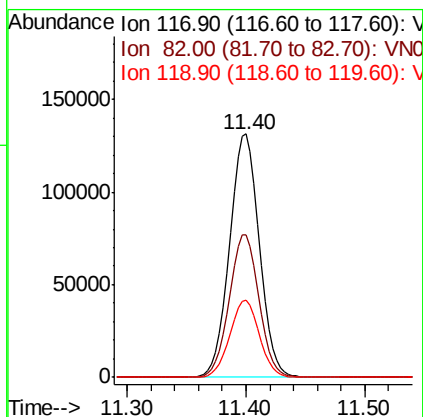
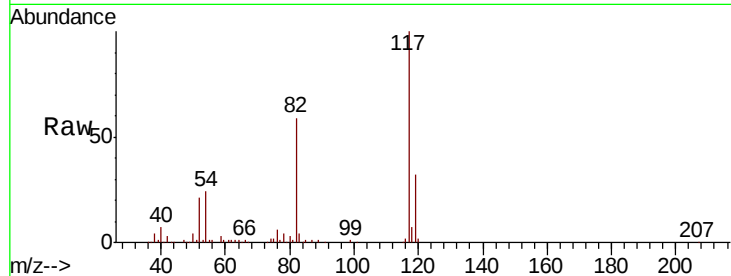
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN061058.D
Acq: 17 Apr 2020 18:02

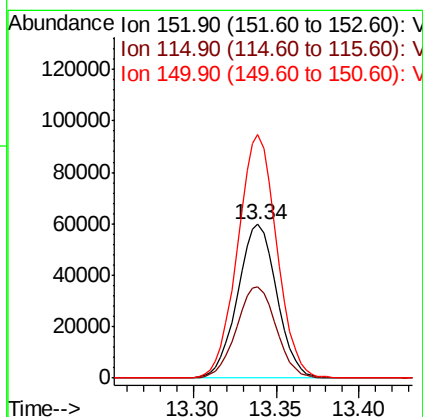
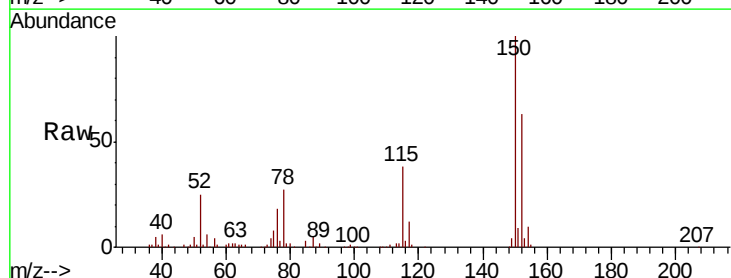
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB180-GW-458-460

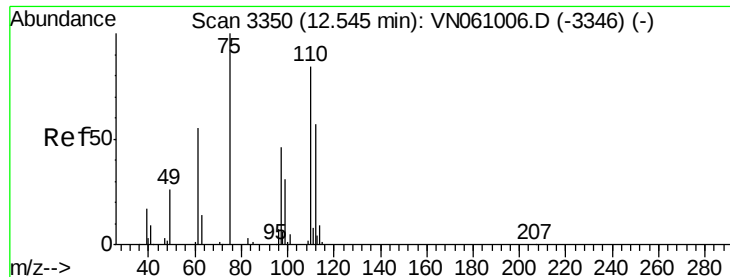
Tot Ion:117 Resp: 227273
Ion Ratio Lower Upper
117 100
82 58.5 47.1 70.7
119 31.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN061058.D
Acq: 17 Apr 2020 18:02

Tgt Ion:152 Resp: 98265
Ion Ratio Lower Upper
152 100
115 60.2 30.8 92.4
150 157.7 0.0 349.0





#76

1,2,3-Trichloropropane

Concen: 26.402 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN061058.D

Acq: 17 Apr 2020 18:02

Instrument :

MSVOA_N

ClientSampleId :

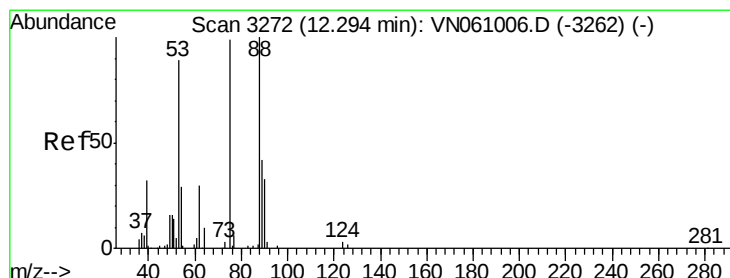
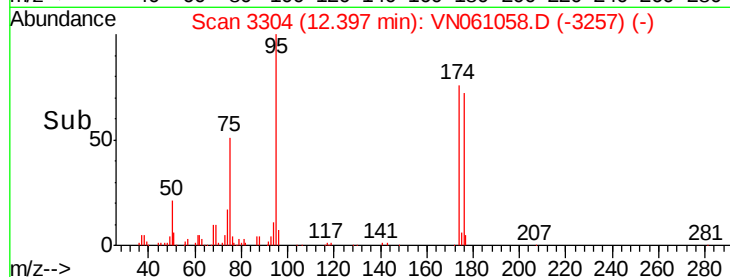
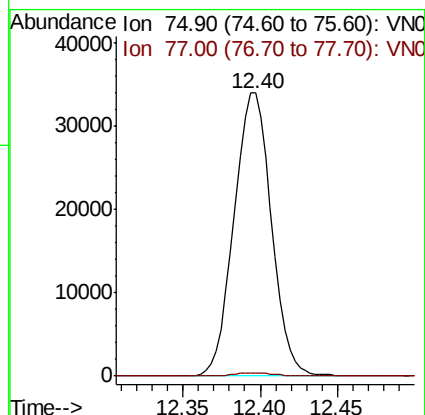
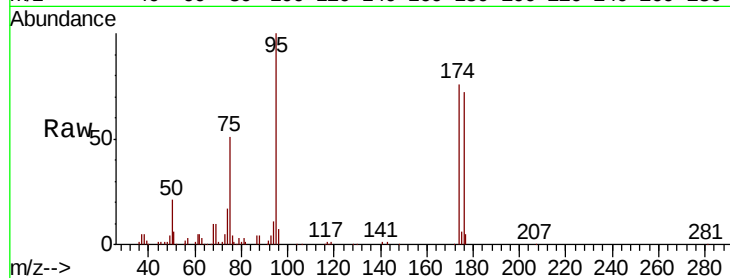
BP-VPB180-GW-458-460

Tot Ion: 75 Resp: 57066

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.123 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN061058.D

Ac